REMEDIAL INVESTIGATION REPORT

GDC LIC DEVELOPMENT

45-35 11th Street and 11-22 45th Road

Queens, New York

NYSDEC BCP SITE: C241172

NYSDEC SPILL NUMBER: 14-09327

November 2015

ESI File: GQ14076

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, NY 12603
phone 845.452.1658 | fax 845.485.7083 | ecosystemsstrategies.com

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Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

GDC LIC Owner LLC
245 Saw Mill River Road
Hawthorne, New York 10532

I, Paul H. Ciminello, certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved Work Plan and any DER-approved modifications.

INSTITUTE OF PROFESSIONAL ENVIRONMENTAL PRACTICE
PAUL H. CIMINELLO
QUALIFIED ENVIRONMENTAL PROFESSIONAL
No. 0813002

Paul H. Ciminello
President

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1.0 INTRODUCTION

1.1 Purpose

This Remedial Investigation Report (RIR) summarizes environmental investigation services performed by Ecosystems Strategies, Inc. (ESI) at the GDC LIC Development property located at 45-35 11th Street and 11-22 45th Road, Queens, New York (the "Site").

The investigative work was performed to document the extent of known contamination resulting from former commercial uses of the property. All investigations were conducted consistent with the NYSDEC approved Remedial Investigation Work Plan (RIWP, October 2015). Any variations from the approved RIWP are described in Section 3.1.8. This RIR summarizes data from previous environmental investigations performed by ESI and other environmental investigators (see Section 2.3), details fieldwork methodologies and sample collection procedures employed during implementation of the RIWP (Remedial Investigation [RI]), documents laboratory analysis of samples collected in all media (soil, vapor and groundwater), and provides conclusions and recommendations based on the fieldwork and analytical data.

1.2 Limitations

This written analysis is an assessment of the GDC LIC Development Site located at 45-35 11th Street and 11-22 45th Road, Queens, New York and is not relevant to any other property. It is a representation of those portions of the property analyzed as of the respective dates of the fieldwork.

Services summarized in this RIR were performed in accordance with the approved RIWP and in general conformance with NYSDEC Division of Environmental Remediation Technical Guidance for Site Investigation and Remediation (DER-10), dated May 2010. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgment.

1.3 Objectives

ESI conducted an environmental investigation at the Site in order to:

- Characterize on-site soil, soil vapor and groundwater quality. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs) plus tentatively identified compounds (TICs), semi-volatile organic compounds (SVOCs) plus TICs and Target Analyte List (TAL) metals in accordance with the RIWP. Laboratory reports for organic compounds included all Target Compound List (TCL) analytes, as per DER-10 requirements.
- Determine the impacts from historical site uses and the nature and extent of contamination in soil, groundwater and soil vapor.
- Obtain information to sufficiently define Site conditions such that a qualitative exposure assessment can be performed and an appropriate remedial action be selected.

2.0 SITE DESCRIPTION

2.1 Site Location and Description

The approximately 50,000 square feet Site consists of two contiguous parcels in the Hunters Point section in Queens, New York, identified as Block 54, Lots 13 and 20 on the New York City Tax Map. A Site Location Map, indicating the BCP Site boundary, is provided as Figure 1, Appendix A.

Lot 13 is 38,000-square feet and is bounded by 45th Road and an adjoining vacant lot (construction site) to the north, an adjoining commercial building to the east, 46th Avenue to the south and Lot 20 to the west. Lot 20 is 12,000-square feet and is bounded by 45th Road to the north, Lot 13 to the east, 46th Avenue to the south and 11th Street to the west. Total Site road frontages are approximately 210 feet on 45th Road, 290 feet on 46th Avenue and 200 feet on 11th Street.

Each lot formerly contained a high one-story commercial building (demolished in 2015). The structure on Lot 13 occupied the majority of the parcel, with the exception of a small parking lot/loading dock area is located at the southeastern corner at 46th Avenue, and the structure on Lot 20 occupied the entire parcel. The Site currently contains the intact concrete slabs of the former buildings, as well as broken asphalt and exposed soil at the former Lot 13 parking lot.

The Site is bordered immediately to the north by a vacant construction site and the John F. Murray Playground (across 45th Road), an office building immediately to the east, a commercial building (Verizon) and residential structures to the south (across 46th Avenue) and residential buildings to the west (across 11th Street). The surrounding Hunters Point neighborhood is a well-developed urban area comprised primarily of multi-family residential and commercial properties. Adjoining and area-wide land uses in the vicinity of the Site are shown on Figure 2, Appendix A.

2.2 Physical Setting

2.2.1 Site Topography

The property is located in a relatively level urban area, which generally has surface elevations ranging from 10 to 15 feet above mean sea level (msl), with overall gentle downward slopes to the west-northwest, toward the nearby East River. Sidewalk elevations at the Site boundary are approximately 12 to 14.5 feet (northwestern corner of the Site at 11th Street and 45th Rd, and the southeastern corner at 46th Avenue, respectively). The concrete building slabs remaining at the Site are at approximately 14 feet (Lot 20) and 16 feet (Lot 13). The Site is located within a heavily developed and paved urban area, where extensive filling of tidal marshland is likely to have occurred.

2.2.2 Site Geology

U.S. Geological Survey reports describe the subsurface sequence in the general vicinity of the Site as unconsolidated fill overlying salt-marsh deposits and alluvium, typically underlain by till and ground moraine of the Upper Glacial Aquifer.

The slabs of the former on-site structures are located at approximately 2 feet above street level. Information from previous environmental investigations (see Section 2.3) generally documents fill overlying native material consistent with estuarine shoreline deposits.

The subsurface observed during the RI (including above grade material supporting the slabs) consists of obvious unconsolidated fill (variable texture sand and gravel, with brick and concrete fragments) from slab grade to approximately 10 to 13 feet (depth of the water table), underlain by sorted sands with gravel and fines (either native materials or fill) and distinct layers of native peat, to a maximum depth of 28 feet below the slab. Soil boring locations are shown on Figure 3, Appendix A.

Geotechnical borings extended in support of site development, located in the on-site slabs and the former parking lot, and in adjoining sidewalks, identify all soils above the peat layer (where encountered) as fill materials, to depths as great as approximately 20 feet below the slab, and document native materials beneath the peat layers (sorted sands, silts and clays) to refusal depths (likely on bedrock) between approximately 25 to 40 feet.

A geological cross-section of the Site (based on the geotechnical Boring Plan) is provided as Figure 4, Appendix A. Soil boring methodology and observations are described in Section 3.3, and soil boring logs from the RI and a copy of the geotechnical Boring Plan are presented in Appendix C.

2.2.3 Site Subsurface Hydrogeology

Saturated soils were generally observed in soil borings at 10 to 11 feet below the concrete slabs. Gauging data recorded during the RI, as well as during previous environmental investigations (see Section 2.3), document groundwater depths (from well casings) ranging from approximately 9 to 10.5 feet, corresponding to groundwater elevations of approximately 5 to 6 feet. Previous groundwater logging data collected from monitoring wells at Lot 20 in 2014 did not indicate any significant tidal influences on depth to groundwater. Groundwater flow, based on static depth to water (as measured at 9 of 10 on-site wells in November 2015), has been inferred to generally be toward the northwest.

2.3 History of Site and Previous Environmental Investigations

Previous environmental site investigations by ESI and others are summarized in a Remedial Investigation Report submitted to NYSDEC in support of the application to the BCP (Application RIR). All fieldwork observations and validated soil, groundwater and soil vapor data generated during ESI's earlier Phase II investigative work (see below) has been incorporated into the text and appendices of this RIR. Remaining relevant information from the Application RIR (text from previous Phase I reports and environmental investigation reports issued by others) is provided as Appendix D.

Phase I Environmental Site Assessments of both lots documented that the Site was developed as early as 1913, and that the former on-site buildings, constructed circa 1948 to 1952, had been used for warehousing and manufacturing, including electrical manufacturing and/or repair of electronic equipment (Lot 13). The identified areas of concern included:

- Potential contamination in soil and groundwater near an undocumented underground storage tank (UST) on Lot 13 and an abandoned, 2,500-gallon fuel-oil aboveground storage tank (AST) located in a basement vault on Lot 20;
- Potential releases from historical warehousing and/or manufacturing uses; and,
- Potential contaminated fill material of unknown volume.

A Limited Phase II Environmental Site Assessment prepared for Lot 20 of the Site by P. W. Grosser Consulting, Inc. in March 2013 documented subsurface conditions in the vicinity the AST. No signs of gross soil contamination were noted; however, trace concentrations of naphthalene and elevated concentrations of SVOCs were detected in soil samples and slightly elevated concentrations of naphthalene and SVOCs were detected in groundwater samples collected from temporary well points. Laboratory analysis of a sample collected from a floor drain in the loading dock at 11th Street contained elevated concentrations of acetone and metals (chromium, lead, mercury, and silver).

ESI subsequently performed a Phase II investigation at both lots and documented subsurface conditions. A total of 25 soil samples were collected from 15 boring locations, 6 borings were completed as monitoring wells and sampled, and 7 sub-slab soil vapor samples were collected (4 at Lot 13 and 3 at Lot 20). Elevated concentrations of organic and inorganic compounds were detected in both soil and groundwater, and elevated concentrations of VOCs were detected in soil vapor. No significant pesticide or PCB contamination was found. Based on the presence of a thin veneer of floating non-aqueous phase liquid (NAPL, identified by laboratory analysis as weathered fuel oil), observed in monitoring well MW-4 (Lot 13), ESI reported spill No. 14-09327 to the NYSDEC in December 2014.

2.4 Proposed Future Use of the Site

Development plans for the Site include the construction of new residential buildings, expected to contain approximately 38, 2-family townhouses (Lots 13 and 20 will be subdivided into smaller lots, each containing a single townhouse). Total excavation depth has not been determined at this time; the 1st floor of the new on-site townhouse buildings are expected to be raised approximately 4 feet and will include basements. Excavation depth is anticipated to generally be approximately six feet below surface grade (bsg).

Based on documented environmental conditions and likely remedial response actions, the owners expect to manage the completed development project as a Track 4, Restricted-Residential Use property.

3.0 SITE INVESTIGATION

ESI extended a total of 24 borings during performance of the RI, with an additional 6 borings extended solely for the collection of soil vapor. [Note: The boring count does not include locations where extension of the bore hole was unsuccessful due to refusal and/or poor recovery.] Permanent groundwater monitoring wells were installed at 7 of the soil boring locations. The RI findings are supplemented by data collected from the extension of 15 soil borings extended during the Phase II investigation, 6 of which were converted to permanent groundwater monitoring wells, and by 7 borings extended to collect soil vapor. Three of the wells installed during the RI served as replacements for wells installed during the Phase II investigation, which were destroyed. All media sampling locations are shown on Figure 3, Sampling Location Map, Appendix A

Fieldwork activities, laboratory submission and a qualitative human health exposure analysis are presented below. Analytical results from a total of 97 samples (inclusive of Phase II data) are provided in Tables 1 through 13 and a summary of sample collection and submission to the laboratory is provided in Table 14, Appendix B. Soil boring logs and well construction details are presented in Appendix C and results from the Community Air Monitoring Plan (CAMP) are provided in Appendix E.

3.1 General Provisions

3.1.1 Utility Markout and Identification of Subsurface Structures

Prior to the initiation of fieldwork (and prior to any subsequent intrusive fieldwork), a request for a complete utility markout of the subject property was submitted by ESI as required by New York State Department of Labor regulations. Confirmation of underground utility locations was secured and a field check of the utility markout was conducted prior to the extension of soil borings and/or the installation of monitoring wells.

A geophysical survey was performed by GPRS Inc. to identify subsurface features below the surface of the concrete slabs. The extent of the vaults surrounding the AST and UST were marked in the field; no other relevant subsurface features (e.g., USTs, significant conduit pathways, etc) were identified.

3.1.2 Agency Notification

The NYSDEC was notified via email prior to the initiation of fieldwork for the RI.

3.1.3 Equipment Decontamination and Calibration

Prior to the initiation of fieldwork, all field equipment used during the work was properly decontaminated in accordance with NYSDEC guidelines, and all field instruments were properly calibrated in accordance with procedures set forth by the equipment manufacturer(s).

A photo-ionization detector (PID) with 11.7 eV bulb was utilized by ESI personnel to screen all encountered material for the presence of any volatile organic vapors where appropriate. Prior to the initiation of fieldwork, this PID was properly calibrated to read parts per million calibration vapor equivalents (ppm-cge) of isobutylene in accordance with protocols set forth by the equipment manufacturer.

3.1.4 Investigation Derived Waste

Surplus soil recovered during soil sampling was backfilled within the originating borehole (to no closer than 12-inches of the surface), or was placed into an approved container pending final off-site disposal (all grossly contaminated material, and soil from borings converted to monitoring wells or penetrating an obvious confining layer or otherwise providing a likely path for vertical migration of contamination). Water generated during development and sampling of wells was placed into an approved container pending final off-site disposal. Discarded personal protective equipment and other fieldwork supplies were disposed as municipal solid waste.

3.1.5 Subcontractors

ESI supervised the advancement of soil borings and/or the installation of monitoring wells by Zebra Environmental Corporation (Zebra) and Haz-Probe, Inc. (HPI). The Health and Safety Plan (HASP) prepared for the RIWP was reviewed with all on-site subcontractors. ESI personnel served as the Site Health and Safety officer during all on-site work. ESI personnel developed all monitoring wells and collected all soil, soil vapor and groundwater samples.

Laboratory services were subcontracted to New York State Department of Health (NYSDOH) certified laboratories (York Analytical Laboratories, Inc. [York, ELAP Certification Number 10602] and Alpha Analytical [Alpha, ELAP Certification Number 11148]). Data Usability Summary services were provided by ZDataReports of Syracuse, New York.

3.1.6 Fieldwork Observations, Sample Collection and Sample Custody

An assessment of field conditions (e.g., soil type, indications of contamination, PID readings) was made during the collection of all samples. ESI personnel maintained field logs documenting all field observations and measurements (see soil boring logs in Appendix C).

All media samples were collected in a manner consistent with NYSDEC and NYSDOH sample collection protocols. Dedicated, disposable gloves were worn by all personnel handling samples, and collected media was placed into laboratory-supplied containers. All soil and groundwater sample containers were maintained at low temperature prior to, and during, transport to the laboratory for analytical testing. Appropriate chain-of-custody procedures were followed.

Non-dedicated sampling equipment was decontaminated prior to initiation of fieldwork and before each new sample location, as appropriate.

3.1.7 Standards, Criteria and Guidance

Standards, Criteria and Guidance (SCGs) applicable to media investigated during the RI are specified below.

Soil

SCGs for all compounds detected in soils are based on NYSDEC Remedial Program SCOs for Restricted-Residential Use (RRUSCOs) as provided in 6 NYCRR Subpart 375, Table 375-6.8(b) “Protection of Public Health” category, and on Supplemental SCOs and Soil Cleanup Levels (for gasoline and fuel oil contaminated Soils) presented in NYSDEC CP-51 Tables 1 through 3. Data

summary tables for soil also provide SCOs for Unrestricted Use (UUSCOs) for comparative purposes. SCOs for soils are referenced in units of milligrams per kilogram (mg/kg, parts per million [ppm]).

Water

SCGs for all compounds detected in water are based on Ambient Water Quality Standards and Guidance Values (AWQS) presented in NYSDEC Division of Water Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1). SCGs for groundwater are referenced in units of micrograms per liter (µg/L).

Soil Vapor

The State of New York does not have any standards, criteria or guidance values for volatile chemicals in subsurface vapors (either soil vapor or sub-slab vapor). Relatively high levels of VOCs in subsurface soil vapor are noted in the report text and in data summary tables in order to facilitate a discussion of investigative findings. The NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) identifies several Air Guideline Values to be used in evaluating indoor air quality, which may be used in conjunction with sub-slab soil vapor data when evaluating the potential for soil vapor intrusion within buildings.

3.1.8 Documented Deviations from the Approved RIWP

There were no significant deviations from the RIWP that were critical to the validity of the conclusions and recommendations presented in Section 4.0.

Variations from the approved RIWP are discussed in relevant sections of this RIR as follows:

- Soil Investigation: Several soil borings could not be extended in proposed locations due to site conditions (repeated subsurface refusal), and alternate sampling locations were utilized to provide comparable sources of data and to further delineate known contaminant conditions (see Section 3.3).
- Groundwater Investigation: Proposed sampling was not conducted at monitoring well MW-2, which could not be located (a replacement well was not installed; see Section 3.4).

3.1.9 CAMP Findings

Air monitoring was conducted for VOCs and for dust during all RI ground-intrusive fieldwork activities, in accordance with the CAMP. No significant VOC or dust readings or exceedances were observed. Dust data are presented in Appendix E.

3.2 Soil Vapor Investigation

Sub slab soil vapor was collected at 13 locations (8 at Lot 20 and 5 at Lot 13). All soil vapor sampling locations are shown on Figure 3, Sampling Location Map, Appendix A and a summary of sample collection and submission to the laboratory is provided in Table 14, Appendix B.

3.2.1 Sample Collection Methodology – Soil Vapor

A soil vapor survey was completed to determine the level of VOCs in the soil vadose zone beneath and the former on-site buildings. Soil vapor samples were collected from locations S-SG-1 through

S-SG-4 on June 26, 2014 and W-SG-1 through W-SG-3 on September 16, 2014, during the Phase II investigation, and at 2SG-1 through 2SG-6 on October 22, 2015 during the RI.

Sub-slab soil vapor sampling was conducted from borings that were extended directly through the building slab using either a manual concrete drill (sampling completed prior to building demolition) or mechanized Geoprobe equipment, consistent with the approved RIWP. The end of the sample tubing (0.188 inch inner diameter Teflon) was attached to either an "air stone" filter or stainless steel implant screen and inserted through the slab breach to a point approximately 18 inches below the slab surface, and the boring was backfilled with clean silica sand.

The top of the bore hole was sealed using hydrated bentonite clay in order to prevent the infiltration of surface air. The space around the sampling point was enclosed and sealed (with a metal hemisphere and clay) in order to introduce a tracer gas (helium) into the area surrounding the probe point. Helium was introduced into the enclosure and a helium detector (Radiodetection Multi-vapor Leak Locator, model MDG 2002) was utilized to determine when the interior atmosphere reached a concentration of 80%. A vacuum pump was then utilized to purge the standing air from the tubing and open the soil interval. At least three borehole and tubing volumes were purged prior to sample collection at a rate not exceeding 0.2 liters per minute. Following purging, sub-slab soil vapor samples were collected over a two-hour period using a six-liter stainless steel, laboratory supplied Summa canister with a two-hour calibrated flow controller. For each sampling canister, the pre- and post-sample canister pressure, start and stop times, and location of each sampling point was recorded.

3.2.2 Fieldwork Observations – Soil Vapor

Building slabs observed at the Site generally consisted of approximately 4 inches of concrete in good condition, which allowed for the proper installation of sampling points at the planned locations. No significant PID readings, odors or other evidence of contamination were noted during soil vapor sampling.

3.2.3 Laboratory Results – Soil Vapor

All soil vapor samples were analyzed for VOCs (USEPA Method TO-15). Soil vapor sampling locations and detections of specific compounds found at elevated concentrations (see below) are shown on Figure 5 in Appendix A, soil vapor data are summarized in Table 1 in Appendix B and laboratory reports are provided in Appendix H.

Peak VOC concentrations were reported at S-SG-2, including high levels of petroleum related compounds (total BTEX [13,300 ug/m^3], cyclohexane [3,170 ug/m^3], heptane [1,700 ug/m^3] and n-hexane [75,400 ug/m^3]) and non-chlorinated solvents (acetone [7,550 ug/m^3] and isopropanol [1,820 ug/m^3].

Trichloroethylene (TCE) was detected in samples 2SG-2 (760 ug/m^3), S-SG-2 (661 ug/m^3), S-SG-5 (340 ug/m^3), 2-SG-3 (35 ug/m^3) and S-SG-1 (3.49 ug/m^3). Tetrachloroethylene (PCE) was detected at relatively low levels at S-SG-4, 2SG-2 and 2SG-6 (concentrations from 30 to 55 ug/m^3), and at low levels at W-SG-1, W-SG-2 and 2SG-5 (8.14 to 14 ug/m^3). A trace level of vinyl chloride was detected at W-SG-3 (1.32 ug/m^3); dichloroethylene (DCE) was not reported at any location.

Low levels of multiple compounds (BTEX and other petroleum constituents, solvents, etc.) were detected at all sampling points.

3.2.4 Nature and Extent of Contamination – Soil Vapor

Soil vapor contamination by hexanes and xylenes is documented at S-SG-2, at the southeastern portion of the Site, with lesser impacts by acetone and TCE. These compounds (with the exception of TCE) are not found at significant concentrations at surrounding sentinel sampling locations. Comparable concentrations of TCE are documented at 2SG-2 at the southwestern corner of Lot 13 and at 2SG-5 at the northern portion of the Lot, but not at the eastern portion, or at Lot 20. Low-levels of other VOCs detected in sub-slab soil vapor beneath the slabs are consistent with levels typically encountered in urban settings and are likely due to the historical industrial use of this or other nearby sites or the presence of fill materials.

Current sampling data indicate that VOC impacted vapor is generally limited to the central portion of the Site (vapor concentrations near the adjoining properties to the east and the western portion of the Site [Lot 20] are minimal). Elevated levels of soil vapor do not correspond spatially to documented VOC contamination in soil and groundwater (see Section 3.3 and 3.4).

3.3 Soil Investigation

Soil conditions were investigated in accordance with the RIWP by advancing borings at the Site. A total of 15 borings (12 mechanized borings [6 converted to monitoring wells] and 3 manual borings) were extended during the Phase II investigation, and 24 mechanized borings (7 converted to monitoring wells) were extended during the RI. All boring locations are shown on Figure 3, Sampling Location Map, Appendix A and a summary of sample collection and submission to the laboratory is provided in Table 14, Appendix B.

Proposed soil boring MW-9 could not be extended at the far northwestern corner of Lot 13 due to multiple refusals and the monitoring well was subsequently installed farther to the east, near the western side of the former loading dock at 45th Road. Contingency well MW-10 was installed east of the UST at Lot 13, based on soil contamination observed in the vicinity of the tank, and several step-out borings were extended at the western-central portion of Lot 13 in order to delineate impacted soils. Soil was collected at two nearby locations during the installation of monitoring well MW-5R, due to refusal at approximately 12 feet (initial boring labeled MW-5-A). Fieldwork observations were recorded, and at least one soil sample was collected, from each boring location (no sample was recovered from 2SB-16, due to multiple refusals prior to reaching the groundwater interface).

3.3.1 Sample Collection Methodology

Mechanized borings were extended using a truck-mounted or track-mounted Geoprobe direct-push corer. Mechanized borings were extended during the Phase II investigation by personnel from Enviroprobe Service, Inc. and Zebra Technical Services (Cascade Drilling, L.P.). Mechanized borings were extended during the RI by personnel from Haz-Probe, Inc. All manual soil borings were extended by ESI personnel using a hand-held Geoprobe. All boring implements were equipped with disposable acetate sleeves (used to prevent the cross contamination of soil samples).

Mechanical borings were generally extended to a maximum depth of approximately 15 feet bsg during the Phase II investigation and to a depth of at least 20 feet during the RI (maximum boring depth of 28 feet), into saturated soils. Manual borings were extended to a depth of 2 feet bsg to screen soils immediately beneath the building slab.

Samples from mechanically extended borings were collected from the soil/groundwater interface, from the interval(s) exhibiting the most significant field indications of contamination (as warranted) and/or likely to contain sources of contamination (e.g., deeper soils in areas of previously documented contamination), and from deeper non-impacted soils to establish vertical delineation. Samples from manually extended borings were collected from the recovered soil interval (0 to 2 feet bsg). Material was removed directly from the disposable acetate sleeves of the Geoprobe. Field personnel wore dedicated disposable gloves and placed samples directly into laboratory-supplied glassware. Samples were maintained at cool temperatures, under proper chain of custody procedures. Prior to and after the collection of each material sample, the sample collection instrument (Geoprobe coring barrel) was decontaminated to avoid cross-contamination between samples.

All soil sampling for VOCs was conducted according to USEPA Method 5035 fieldwork protocols, utilizing laboratory sampling kits (disposable plastic syringes and prepared 40-ml glass vials).

3.3.2 Fieldwork Observations

Subsurface soils encountered at mechanized soil borings consisted of unconsolidated fill (variable texture sand and gravel, with brick and concrete fragments) from slab grade to approximately 10 to 13 feet, underlain by native materials (sorted sands and gravel, fines and distinct organic layers) to a maximum depth of 28 feet bsg (these findings are consistent with driller's logs from geotechnical investigations; see Appendix C).

Soil exhibiting field evidence of contamination (NAPL, PID readings, staining and/or odors) was observed at the western-central and northern-central portions of Lot 13, and central portion of Lot 20, in saturated soils ranging from approximately 12 to 20 feet below the concrete slab. Soil contaminated with droplets of NAPL, strong odors and high PID readings was observed at 2SB-2 (16 to 26 feet) and 2SB-6 (17 to 18 feet), and saturated soil exhibiting a water sheen was observed at 2SB-04 (15 to 16 feet) and MW-10 (12 to 20 feet). Moderate to strong odors and high PID readings were observed in saturated soil at 2SB-18, MW-2, MW-4R and MW-6R, and stained soil with less obvious odor was observed at MW-5 and MW-9. Saturated soils with generally mild odors were observed to the west of MW-2 at 2SB-13, 2SB-14, 2SB-15 and 2SB-17. No overt evidence of petroleum or chemical contamination was noted at any other locations, including borings extended along the southern (upgradient) margins of the Site.

Soil boring logs, documenting subsurface conditions and all fieldwork observations, are presented in Appendix C.

3.3.3 Laboratory Results – Soil

A total of 69 soil samples collected from 39 locations were submitted for laboratory analysis. Soil samples were analyzed for VOCs utilizing USEPA Method 8260, SVOCs utilizing USEPA Method 8270, TAL metals utilizing USEPA Methods 6010 and 7471, and/or pesticides/PCBs utilizing USEPA

Methods 8081/8082. All samples collected during the RI were analyzed for VOCs and SVOCs plus TICs, and TAL metals, with 4 samples additionally analyzed for pesticides and PCBs, in accordance with the RIWP (21 samples were previously analyzed for pesticides and PCBs). A subset of samples collected during the Phase II investigation were analyzed for hexavalent chromium (3 samples).

Soil sampling locations and detections of compounds in soil at concentrations above UUSCOs are shown on Figures 6 through 9, soil data are summarized in Tables 2 through 7 and laboratory submission of samples is summarized in Table 14, Appendix B, and laboratory reports are provided in Appendix H.

3.3.3.1 Soil Analysis: VOCs

Soil samples MW-4R and 2SB-18, located at the western-central portion of Lot 13, contained significantly elevated concentrations of BTEX and related compounds at a depth of 15-16 feet bsg, including total xylenes (300 and 210 ppm, RRUSCO 100 ppm), 1,2,4-trimethylbenzene (180 ppm and 130 ppm, RRUSCO 52 ppm), 1,3,5-trimethylbenzene (100 ppm and 82 ppm, RRUSCO 52 ppm), methylcyclohexane (230 ppm and 210 ppm, RRUSCO not established) and cyclohexane (14 ppm and 57 ppm, RRUSCO not established). BTEX and substituted benzenes were also detected at these locations at concentrations above UUSCOs. A high concentration of methylcyclohexane was detected at MW-6R 17-18 at the eastern portion of the Site (54 ppm). No other VOCs were detected in soil at levels above RRUSCOs at any boring location.

Samples from 7 locations located throughout the northern portion of the Site contained total xylenes and/or benzene at levels above UUSCOs, at depths ranging from 11 to 24 feet bsg. An elevated concentration of naphthalene was reported at MW-1 11-13 (52 ppm, UUSCO 12 ppm). Acetone (12 locations) and 2-butanone (2 locations) were also detected at levels above UUSCOs.

All soils containing VOCs at concentrations above RRUSCOs were collected from saturated materials at least 15 feet below the concrete slab.

VOC TICs were detected in 25 of 44 samples, with peak total levels reported in overtly impacted soil at the central portion of the Site at 2SB-18 15-16 (4,845 ppm), MW-4R 15-16 (560 ppm), 2SB-06 17-18 (626 ppm) and MW-6R 17-18 (264 ppm).

VOCs at levels above UUSCOs (inclusive of cyclohexane and methylcyclohexane concentrations greater than or equal to 10 ppm) are shown on Figure 6 and VOC levels in soil are summarized in Tables 2 and 6.

3.3.3.2 Soil Analysis: SVOCs

Elevated levels of SVOCs were detected in 22 of 66 samples, with 20 of these samples containing one or more polycyclic aromatic hydrocarbons (PAHs) at concentrations above RRUSCOs. Peak SVOC concentrations were reported at MW-1 11-13, including naphthalene (1,290 ppm, RRUSCO 100 ppm), 2-methylnaphthalene (244 ppm, RRUSCO 0.41 ppm), benzo(a)anthracene (145 ppm, RRUSCO 1 ppm) and phenanthrene (919 ppm, RRUSCO 100 ppm). Phenol and/or methylphenols were detected above UUSCOs at 4 locations. No other significant SVOC levels were detected in soil samples.

SVOC TICs were detected in 32 of 44 samples, with peak total levels reported in overtly impacted soil at the central- and north-central portions of the Site at MW-4R 15-16 (1,109.3 ppm), 2SB-18 15-16 (1,014.7) and MW-9 15-16.

SVOCs at levels above UUSCOs are shown on Figure 7 and SVOC levels in soil are summarized in Tables 3 and 7.

3.3.3.3 Soil Analysis: Metals

Multiple TAL metals, with exception of thallium and hexavalent chromium, were reported in all 61 samples submitted for analysis. One or more of the following metals were detected at levels above RRUSCOs in 14 samples: arsenic (peak concentrations of 1,030 ppm and 905 ppm at 2SB-18 15-16 and MW-4R 15-16, RRUSCO 16 ppm), barium (peak concentration 557 ppm, RRUSCO 400 ppm), copper (peak concentration 2,820 ppm, RRUSCO 270 ppm), lead (peak concentration 4,600 ppm, RRUSCO 400) and mercury (peak concentration 20 ppm at 2SB-18 15-16, RRUSCO 0.81 ppm). Elevated levels of iron (UUSCO not provided, RRUSCO 2,000 ppm) were detected in all samples, with levels ranging from 5,470 to 44,500 ppm (average 16,469 ppm), suggesting a potentially high natural background concentration. Excluding iron, 10 samples contained metal levels above UUSCOs but below RRUSCOs.

Metals at levels above UUSCOs are shown on Figure 8 and metal levels in soil are summarized in Table 4.

3.3.3.4 Soil Analysis: Pesticides and PCBs

Pesticides were reported in only 1 of 21 samples (MW-3 0-2); 4,4'-DDT was detected above the UUSCO (0.0088 ppm, UUSCO 0.0033 ppm, RRUSCO 7.9 ppm) and 4,4'-DDE was detected below the UUSCO. PCBs were reported in only 1 sample (MW-5 0-2); Aroclor 1260 was detected below the UUSCO (0.027 ppm, UUSCO 0.1 ppm, RRUSCO 1.0). No other pesticides or PCBs were reported at any sampling locations.

Pesticides and PCBs at levels above UUSCOs are shown on Figure 9 and Pesticides and PCBs levels in soil are summarized in Table 5.

3.3.3.5 Duplicate Samples

Analyses for all duplicate soil samples (collected from MW-6 13-15 in October 2014, and 2SB-05 11-12 and 2SB-11 11-12 in November 2015) were consistent with data reported for the corresponding original samples, with no significant deviations in reported analyte concentrations.

3.3.4 Nature and Extent of Contamination – Soil

Significant soil contamination by VOCs (high levels of cyclohexanes and/or trimethylbenzenes) is restricted to samples from saturated soils at 2SB-6, 2SB-18, MW-4R and MW-6R (locations with evidence of NAPL, staining, odors and/or high PID readings). Borings 2SB-18 and MW-4R also exhibit BTEX and related compounds at concentrations above UUSCOs, and benzene and/or xylenes were reported above UUSCOs at multiple locations throughout the northern portion of the Site. No concentrations of PCE, TCE or related breakdown products were found in on-site soils.

The area of VOC contamination lies within a larger area of significant SVOC contamination, consisting primarily of PAHs at concentrations above RRUSCOs, but also containing naphthalene, phenol and methylphenols (cresols) at concentrations above UUSCOs. Many of the soil samples exhibited no field indications of contamination, suggesting a source of contamination not directly related to historical releases at the former building (e.g., poor quality fill or older releases to shoreline areas prior to modern site development).

Levels of iron in soil above RRUSCOs appear to be indicative of background conditions and are not likely to represent a significant environmental concern. Excluding iron, significant contamination by TAL metals generally occurs in the same area as elevated concentrations of PAHs, suggesting that both the metals and SVOC are associated with poor quality fill. The presence of very high concentrations of arsenic at 2SB-18 and MW-4R, the locations of significant VOC impacts, further suggests a connection between poor-quality fill materials and organic contamination.

Sampling at sentinel boring locations surrounding MW-1 (elevated concentration of naphthalene) and 2SB-18 and MW-4R (elevated concentrations of arsenic and VOCs) indicates that these areas represent distinct contamination “hot spots”. The total on-site volume of the hot spot soils is estimated at 2,400 cubic yards. This estimate is calculated based on the estimated lateral extent of significantly impacted materials (defined by values reported at surrounding sampling locations) and a thickness of 10’ (i.e., from -5 to -15 feet below surface grade) which considers the first 5 feet of material to be urban fill and therefore not “hot spot” soils.

No significant pesticide or PCB contamination exists at the Site.

3.4 Groundwater Investigation

A total of 15 groundwater samples from 13 on-site monitoring wells were submitted for laboratory analysis. All groundwater sampling locations are shown on Figure 3, Sampling Location Map, Appendix A and a summary of sample collection and submission to the laboratory is provided in Table 14, Appendix B.

A total of 6 groundwater monitoring wells were installed during the Phase II investigation: MW-1 through MW-3 at the western portion of the Site (Lot 20) and MW-4 through MW-6 at the central and eastern portions of the Site (Lot 13). A total of 7 new groundwater monitoring wells were installed during the RI at Lot 13: MW-4R through MW-6R (replacement wells for MW-4 through MW-6, destroyed during building demolition) and MW-7 through MW-10.

Groundwater quality was investigated through the gauging and sampling of both the newly installed wells and the pre-existing wells on Lot 20 (comparative data generated from well sampling conducted by ESI during the Phase II investigation, prior to the approval of the RIWP, has been included in the data tables).

3.4.1 Monitoring Well Installation

Monitoring wells MW-4R through MW-10 were installed by Haz-Probe from October 22 to October 26, during the soil investigation. All fieldwork was conducted under the direct supervision of ESI field personnel. Monitoring well locations are illustrated on Figure 14, Direction of Groundwater Flow, Appendix A.

Each monitoring well was constructed of two-inch PVC casing with 10 feet of 0.01-inch slotted PVC well screening placed to extend 2 feet above the water table. All wells points were set at approximately 18 to 19 feet bsg. The annular spaces between well screens and boreholes were backfilled with clean #1 silica sand to a depth of 1 to 2 feet above the well screen. A one-foot thick bentonite seal was poured down the borehole above the sand pack and allowed to hydrate before grouting the remaining annular space with cement. All wells are equipped with a gripper casing cap. The top of the casing and cap were set several inches below the surface of the existing concrete slab, physically protecting the well (drive over steel casings, proposed in the RIWP, were not installed). Soil boring logs and diagrams indicating well construction are presented in Appendix C.

The height of all monitoring well casings, compared to a fixed arbitrary on-site vertical benchmark, was measured after well installation by ESI personnel using a surveyor's transit.

3.4.2 Monitoring Well Development

Newly installed monitoring wells were developed on October 28, 2015, in order to enhance the natural hydraulic connection between the well screen and the surrounding soils. Well casings were first screened with a PID to document the presence of any volatile organic vapors. A submersible pump and dedicated polyethylene tubing were then used to clear fine-grained material that may have settled around the well screen and at the base of the well. Well development began at the top of the water column to prevent clogging of the pump by excessive sediment. The pump body acted as a surge-block by being raised and lowered within portions of the screened interval to force water back and forth through the screen. Repeated surging and pumping was conducted to the bottom of the well casing until the discharged water appeared free of sediment and indicator parameters (pH, temperature, turbidity, dissolved oxygen and specific conductivity) had stabilized. The pump assembly was removed from the well while the pump was still running to avoid discharge of purged water back into the well. Between wells, all non-dedicated equipment was decontaminated.

3.4.3 Groundwater Flow and Tidal Influences

Groundwater flow was calculated using measurements collected on November 3, 2015, prior to the start of groundwater quality sampling. The general direction of groundwater flow was determined based on elevations of static groundwater using an electronic depth meter accurate to the nearest 0.01-foot (measured prior to any sample collection). Groundwater depth from the top of the well casing, as recorded during the November 2015 gauging event, ranged from between 9.01 (MW-3) and 10.84 feet (MW-9) bsg. These raw measurements were compared to existing well survey data (relative casing heights) to generate current groundwater elevation contours. Direction of groundwater flow was determined to be in an overall northwesterly direction (toward the nearby East River), consistent with previous measurements conducted during the Phase II investigation. The rate of groundwater flow was not determined. The generalized direction of groundwater flow is illustrated on Figure 14, Appendix A.

An assessment of potential tidal influences from the East River was previously completed during the Phase II investigation, using electronic level loggers installed in monitoring wells MW-1 (Lot 20) and MW-6 (Lot 13) on November 11, 2014. The level loggers were recovered on November 14, 2014, providing data for approximately 72 hours. Recording data indicated a rise and fall in groundwater elevation in both wells, over a maximum range of approximately 0.2 feet, with no obvious cyclic

relationship (tidal cycles occur at approximately 12 hour intervals). These findings likely reflect changes to overall local groundwater elevation during the test period and do not document any significant tidal influences.

3.4.4 Sample Collection Methodology

Groundwater samples were collected in October 2014 during the Phase II investigation (from MW-1 through MW-6) and on November 3, 2015 during the RI (MW-1, MW-3 and MW-4R through MW-10). Monitoring well MW-2 could not be located and sampled during the RI. A total of 15 water samples (excluding duplicates) were collected.

Prior to sampling, each monitoring well casing was opened and the well column was immediately screened with a PID to document the presence of any volatile organic vapors. All wells were purged and sampled following USEPA low stress ("low flow") purging and sampling procedures. All sampling was conducted using a Horiba® U-50 series multi-parameter water quality meter, dedicated plastic tubing and a peristaltic pump.

Sample collection occurred after wells were purged for at least 15 minutes and field parameters stabilized (achieved when three consecutive readings were within the required parameters specified by the USEPA protocol). Each groundwater sample was collected in laboratory supplied glassware (40 ml vials, 1 liter amber jars and 250 ml plastic jars, preserved with acid as appropriate for the specific analysis). No groundwater samples were filtered prior to submission to the laboratory. After sample collection, the containers were placed in a cooler prior to laboratory pick-up. All samples were accompanied by proper chain of custody documentation.

3.4.5 Fieldwork Observations

A thin veneer of floating NAPL was observed in monitoring well MW-4 during groundwater sampling conducted during the Phase II investigation (sheen had previously been observed during well development). NAPL was removed with an absorbent sock prior to sampling. Laboratory "fingerprint" analysis of a NAPL sample indicated that the material was likely to be weathered fuel oil (a copy of this laboratory report is included in Appendix F). A slight sheen, moderate petroleum odors and low-grade positive PID readings were observed at replacement well MW-4R, installed in close proximity to MW-4, during well development and sampling during the RI.

Slight to moderate petroleum odors and light sheen were observed at monitoring wells MW-5R, MW-7 and MW-9, and slight odors (and no sheen) were observed at MW-6R. No other field evidence of contamination was observed in any other wells.

3.4.6 Laboratory Results – Groundwater

A total of 15 water samples collected from 13 wells were submitted for laboratory analysis. Water samples were analyzed for VOCs utilizing USEPA Method 8260, SVOCs utilizing USEPA Method 8270, TAL metals utilizing USEPA Methods 6010 and 7471, and/or pesticides/PCBs utilizing USEPA Methods 8081/8082. All samples collected during the RI were analyzed for VOCs and SVOCs plus TICs, and TAL metals, in accordance with the RIWP. A subset of samples collected during the Phase II investigation were analyzed for pesticides and PCBs (MW-1 through MW-3).

Laboratory results for groundwater are summarized in Tables 8 to 14 and laboratory submission of samples is summarized in Table 14, Appendix B, and laboratory reports are provided in Appendix H.

3.4.6.1 Water Analysis: VOCs

High levels of BTEX and related compounds were reported at MW-4/MW-4R, including peak values of total xylenes (640 µg/L, AWQS 5 µg/L), toluene (310 µg/L, AWQS 5 µg/L), benzene (170 µg/L, AWQS 1 µg/L) and 1,2,4-Trimethylbenzene (130 µg/L, AWQS 5 µg/L). Similar contamination, but at lower levels, is present to the west at MW-2 (benzene at 49 µg/L, total xylenes at 31 µg/L and several other related compounds), and north at MW-9 (benzene at 25 µg/L and total xylenes at 8.9 µg/L). A slightly elevated concentration of benzene (3.2 µg/L) was previously detected to the southeast at MW-6, but was reported as non-detect at MW-6R. Low-grade BTEX impacts (below AWQS) were reported at MW-3 and MW-7.

Elevated concentrations of several other VOCs were reported, including styrene (5.2 µg/L, AWQS 5 µg/L) at MW-1, acetone (57 µg/L, AWQS 50 µg/L) and 1,2-dichloroethane (6.4 µg/L, AWQS 0.6 µg/L) at MW-4, and chloroform (15 µg/L, AWQS 7 µg/L) at MW-5.

TICs were detected in 6 of 7 groundwater samples. High levels of total TICs were reported at MW-4R (945 µg/L), MW-9 (693 µg/L) and MW-6R (116 µg/L); TICs at remaining wells sampled during the RI were generally low (ranging from 2.6 to 42 µg/L).

Note: Laboratory reports from 2014 provided naphthalene concentrations for both 8260 VOC analysis and 8270 SVOC analysis; naphthalene, which is technically a PAH, is discussed in Section 3.4.6.2, below.

VOCs at levels above AWQS are shown on Figure 10 and VOCs in groundwater are summarized in Tables 8 and 13.

3.4.6.2 Water Analysis: SVOCs

Elevated levels of SVOCs were reported at MW-2, MW-3, MW-7 and MW-9.

Elevated concentrations of naphthalene were detected at MW-2 (1,100 µg/L, reported as a VOC, and 622 µg/L, reported as a SVOC, AWQS 10 µg/L), MW- 9 (331 µg/L) and MW-4 (21 µg/L, reported as a VOC).

MW-2 and MW-9 contained elevated concentrations of acenaphthene (26.5 and 32.5 µg/L, respectively, AWQS 20 µg/L), and MW-2 contained an elevated concentration of 2,4-dimethylphenol (80.2 µg/L, AWQS 50 µg/L) and carbazole (52.5 µg/L, AWQS not established).

Elevated levels of multiple PAHs were reported at MW-3 in 2014, including benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene and chrysene (concentrations from 0.0737 to 0.116 µg/L, AWQS for all compounds 0.002 µg/L), and an elevated concentration of one PAH (benzo(a)anthracene, 0.07 µg/L) was detected at MW-7. Low-grade contamination by PAHs and other SVOCs (below AWQS) were reported at all wells except MW-6.

No TICs were detected in 7 groundwater samples submitted for laboratory analysis.

SVOCs at levels above AWQS are shown on Figure 11 and SVOCs in groundwater are summarized in Tables 9 and 13.

3.4.6.3 Water Analysis: Metals

Groundwater samples were analyzed for total and dissolved TAL metals. Multiple metals, with exception of beryllium, cadmium, cobalt, silver, thallium and vanadium were reported in all 15 samples submitted for analysis. One or more of the following metals were detected at elevated concentrations: arsenic, antimony, iron, lead (total only), magnesium, manganese, mercury (total only) and selenium. Notable metal concentrations include arsenic at MW-4 and MW-4R (1,010 and 829 mg/L total, and 808 and 691 mg/L dissolved, respectively, AWQS 25 mg/L) and total mercury at MW-5R (471 mg/L, AWQS 0.7 mg/L). Elevated concentrations of selenium and sodium are consistent across the Site, suggesting that these metals impacts are related to groundwater conditions in the surrounding area.

Metals at levels above AWQS are shown on Figures 12 and 13 and metals in groundwater are summarized in Tables 10 and 11.

3.4.6.4 Water Analysis: Pesticides and PCBs

Pesticides and PCBs were not detected in monitoring wells MW-1 through MW-3 during the previous Phase II investigation.

Pesticides and PCBs in groundwater are summarized in Table 12.

3.4.6.5 Duplicate and Quality Control Samples (Blanks)

Duplicates

Analyses for all duplicate groundwater samples (collected from MW-2 and MW-6 in October 2014, and MW-9 in November 2015) were consistent with data reported for the corresponding original samples, with no significant deviations in reported analyte concentrations.

Trip Blanks

A low level of acetone (1.6 µg/L) was detected in a RI trip blank on October 27, 2015; the result, however, was flagged to indicate that the analyte was also detected in the laboratory batch sample, indicating contamination during analysis. Low levels of chloroform were detected in two trip blanks, and a low level of methylene chloride was detected in one trip blank, during the Phase II investigation. No other VOCs were detected in any trip blanks.

3.4.7 Nature and Extent of Contamination – Groundwater

Significant VOC contamination is limited to BTEX and related compounds, which appear to be related to NAPL previously identified in monitoring well MW-4 and VOC impacted soils at 2SB-6, 2SB-18 and MW-4R. Peak impacts to groundwater are documented at MW-4 and MW-4R, with diminished impacts to the north (MW-9) and west (MW-2), minimal impacts to the southwest (MW-6) and no significant VOC impacts along the southern Site boundary (MW-3, MW-7 and MW-8). Based on a likely overall groundwater flow to the northwest, these findings are consistent with an on-site release.

No significant levels of other VOCs have been detected in groundwater; low-level exceedances of acetone, chloroform and styrene in discreet locations are likely to be related to poor quality fill and/or

limited impacts from historical on-site activities. No concentrations of PCE, TCE or related breakdown products were found in on-site groundwater.

VOC TICs were detected throughout the Site, with high levels associated with areas of documented contamination, suggesting that many organic compounds have weathered over time.

Naphthalene contamination detected at MW-2, MW-4 and MW-9 appears to be limited in extent, and may be associated with the likely VOC release area identified above. Naphthalene impacts in groundwater are not correlated to concentrations of naphthalene in soils (MW-1, the only sample location with elevated soil concentrations, was non-detect for naphthalene). Elevated levels of SVOCs at multiple locations, inclusive of PAHs, are consistent with the presence of poor quality fill, or historical contamination present at the Site prior to land reclamation activities.

Significantly elevated levels of total and dissolved arsenic in groundwater at MW-4 and MW-4R correspond to a high arsenic concentration detected at MW-4R, indicating a direct source area. Documented soil contamination by lead and mercury has not resulted in the presence of significant dissolved concentrations of these metals. Impacts from other metals may be associated with poor-quality fill materials and/or represent impacts related to groundwater conditions in the surrounding area.

No significant pesticide or PCB contamination exists at the Site.

3.5 Data Generation and Validation

Complete laboratory data packages (ASP Category B Deliverables, 14 separate reports), containing all laboratory data generated during execution of the RIWP, will be provided by the laboratories. These data packages will be provided to an independent, third-party data validator as specified in the RIWP, and a Data Usability Summary Report (DUSR) provided by the validator will be provided to both NYSDEC and NYSDOH.

3.6 Qualitative Human Health Exposure Assessment

An exposure assessment was conducted to qualitatively assess the potential impacts of known environmental contaminants associated with the Site on human health, with attention to all possible exposure pathways (i.e. ingestion, inhalation and direct contact). Both current (existing conditions) and future use (proposed restricted-residential or mixed restricted-residential/commercial use) scenarios were considered. Contaminants were assessed relative to specific impacted media.

The primary contaminants of concern at the Site are: saturated soils with evidence of NAPL and a limited area of floating NAPL at the groundwater interface; BTEX and related compounds, SVOCs (primarily naphthalene and PAHs) and metals in groundwater and saturated subsurface soils; and elevated levels of TCE, hexanes and xylenes in soil vapor. On-site workers (or trespassers) present during remediation and/or future development activities are the most likely receptor population.

The following section evaluates the elements associated with exposure pathways, and describes how each of these elements pertains to the Site. For all media, the implementation of a HASP and a CAMP will mitigate possible impacts to both on-site and off-site receptor populations. Any on-site or off-site development activities that involve disturbance, exposure or contact with contaminated soil,

soil vapor or groundwater will require monitoring and mitigation plans to address potential direct contact with media, dust generation and contaminant migration.

3.6.1 Soil

Direct contact, ingestion and/or inhalation (of particulate matter) are the primary exposure pathways for contaminated subsurface soils. People can come into contact if they participate in ground-intrusive work at the Site, or are exposed to dust generated during construction activities that disturb contaminated soil. Within excavation areas, the potential for contact is generally a concern for work conducted at depths near or below the seasonally high local groundwater elevation. Outside of excavation activities, there are no likely exposures to contaminated soil, either on the Site or at off-site areas.

The potential exists for low-level contamination to remain at on-site areas after remediation and development activities. All potential exposure pathways (direct contact, ingestion or inhalation) will likely be mitigated as subsurface soils would have been remediated and/or access to subsurface soils would be limited by paved areas and building foundations.

3.6.2 Soil Vapor

Potential exposure pathways include vapor intrusion within any new structures and at off-site properties, and direct contact and/or inhalation of contaminated soil vapor generated during soil excavation or remedial construction. A CAMP would be implemented at the Site (and, as required, at off-site areas) to monitor air quality and minimize potential exposures to vapors for both construction works and the public.

The potential for on-site and off-site exposure to soil vapor is expected to decrease after subsurface soils and groundwater have been remediated. Post-remediation sampling results will document contaminant levels in soil vapor and will be used to determine the need for any on-site or off-site vapor intrusion studies, and the need for any modifications to proposed on-site engineering controls or building design features (e.g., sub-slab depressurization system) to mitigate soil vapor intrusion.

3.6.3 Groundwater

Direct contact and/or ingestion are the primary exposure pathways for contaminated groundwater. Impacted groundwater is not being used for drinking water (or any other purposes) at the Site or at off-site areas, as the area is served by the public water supply. No known private wells exist in the vicinity of the Site. People can come into contact if they participate in ground-intrusive work at the Site. The potential for contact is generally a concern for work conducted at depths near or below the seasonally high local groundwater elevation. Any dissolved contaminants in groundwater downgradient of the Site are anticipated to diminish as a result of Site remediation.

4.0 FINDINGS AND CONCLUSIONS

This office has completed the environmental investigative services summarized in Section 3.0 for the GDC LIC Development Site, located at 45-35 11th Street and 11-22 45th Road, Queens, New York. The investigative work was performed to document the extent of known contamination resulting from former commercial uses of the property, in accordance with a NYSDEC approved RIWP, and to provide guidance on response actions warranted to address identified environmental conditions.

4.1 Findings

The Site formerly contained two one-story commercial buildings (demolished in 2015). Phase I Environmental Site Assessments of the Site indicate development as early as 1913, and document former manufacturing operations, including electrical manufacturing and/or repair of electronic equipment. A vaulted fuel-oil AST and an undocumented UST (contents unknown) are present beneath the remaining concrete building slabs. Results of the RI, as well as a previous Phase II investigation conducted by ESI, are provided below.

4.1.1 NAPL and Gross Soil Contamination

Soil exhibiting overt field evidence of contamination was observed at the western-central and northern-central portions of Lot 13, and central portion of Lot 20, in saturated soils ranging from approximately 12 to 20 feet below the concrete slab. Grossly contaminated soil impacted by NAPL was observed at 2SB-2 (16 to 26 feet) and 2SB-6 (17 to 18 feet), and soil exhibiting a sheen was observed at 2SB-04 (15 to 16 feet) and MW-10 (12 to 20 feet). A thin veneer of NAPL was previously documented floating on groundwater in MW-4. Soil impacts diminish with distance from these locations, and no overt evidence of petroleum or chemical contamination was noted in borings extended along the southern (upgradient) margins of the Site.

4.1.2 Soil Contamination

Significant soil contamination by VOCs (high levels of cyclohexanes and trimethylbenzenes) is restricted to samples from overtly contaminated, saturated soils at 2SB-6, 2SB-18 and MW-4R (the area of NAPL contamination) and MW-6R. BTEX at concentrations above UUSCOs is also reported at multiple locations throughout the northern portion of the Site. The area of VOC contamination lies within a larger area of significant SVOC contamination, consisting primarily of PAHs at concentrations above RRUSCOs, but also containing naphthalene, phenol and methylphenols (cresols) at concentrations above UUSCOs. Many of these soil samples exhibited no field indications of contamination, suggesting a source of contamination not directly related to historical releases at the former building (e.g., poor quality fill or older releases to shoreline areas prior to modern site development). No concentrations of PCE, TCE or related breakdown products were found in on-site soils.

Significant contamination by metals generally occurs in the same area as elevated concentrations of PAHs, suggesting that both the metals and SVOC are associated with poor quality fill. The presence of very high concentrations of arsenic at 2SB-18 and MW-4R, the locations of significant VOC impacts, further suggests a connection between poor-quality fill materials and organic contamination.

Sampling at sentinel boring locations surrounding MW-1 (elevated concentration of naphthalene) and 2SB-18 and MW-4R (elevated concentrations of arsenic and VOCs) indicates that these areas represent distinct contamination hot spots. The total on-site volume of the hot spot soils is estimated at 2,400 cubic yards.

No significant pesticide or PCB contamination exists in Site soils.

The Site is also comprised of urban fill soils, extending to depths of almost 25 feet (see geotechnical boring logs). These findings indicate that as much as 46,300 cubic yards of soil subject to management as a regulated waste is present on the Site.

4.1.3 Groundwater Contamination

Significant VOC contamination is limited to BTEX and related compounds, which appear to be related to NAPL previously identified in monitoring well MW-4 and VOC impacted soils at 2SB-6, 2SB-18 and MW-4R. High levels of TICs at these locations suggests that organic compounds have weathered over time. Peak impacts to groundwater are documented at MW-4 and MW-4R, with diminished impacts to the north (MW-9) and west (MW-2), minimal impacts to the southwest (MW-6) and no significant VOC impacts along the southern Site boundary (MW-3, MW-7 and MW-8). Based on a likely overall groundwater flow to the northwest, these findings are consistent with an on-site release. No concentrations of PCE, TCE or related breakdown products were found in on-site groundwater.

Naphthalene contamination detected at MW-2, MW-4 and MW-9 appears to be limited in extent, and may be associated with the likely VOC release area identified above. Naphthalene impacts in groundwater are not correlated to concentrations of naphthalene in soils (MW-1, the only sample location with elevated soil concentrations, was non-detect for naphthalene). Elevated levels of SVOCs at multiple locations, inclusive of PAHs, is consistent with the presence of poor quality fill, or historical contamination present at the Site prior to land reclamation activities.

Significantly elevated levels of total and dissolved arsenic in groundwater at MW-4 and MW-4R correspond to a high arsenic concentration detected at MW-4R, indicating a direct source area. Documented soil contamination by lead and mercury has not resulted in the presence of significant dissolved concentrations of these metals. Impacts from other metals may be associated with poor-quality fill materials and/or represent impacts related to groundwater conditions in the surrounding area.

No significant pesticide or PCB contamination exists in Site groundwater.

4.1.4 Soil Vapor Contamination

Soil vapor contamination by hexanes and xylenes is documented at S-SG-2, at the southeastern portion of the Site, with lesser impacts by acetone and TCE (comparable concentrations of TCE are also documented at 2SG-2 and 2SG-5). Low-levels of other VOCs detected in sub-slab soil vapor are consistent with levels typically encountered in urban settings and are likely due to the historical industrial use of this or other nearby sites or the presence of fill materials.

VOC impacted vapor is generally limited to the central portion of the Site (vapor concentrations near the adjoining properties to the east and the western portion of the Site [Lot 20] are minimal). Elevated

levels of hexanes and xylenes do not correspond spatially to documented VOC contamination in soil and groundwater, and no TCE or related compounds have been document in on-site soils.

4.2 Conclusions

Site investigative work has been completed on IHWD Site #224136, including substantial work demonstrating the extent of contamination both on and off the Site. Soil, soil vapor, and groundwater investigations have been completed, with supplemental work completed in product identification and groundwater flow.

Based on the investigative work conducted to date, the following general conclusions are reached:

- Sufficient investigative work has been completed on the horizontal spatial dimensions of soil and groundwater (including free-product) contamination associated with on-site fill soils. Additional work is warranted to identify and evaluate remedial options both on and off the Site and to remediate on-site soils that are considered source areas.

- Sufficient investigative work has been completed with respect to two known areas of significantly contaminated soils, located at the central portion of the Site in the vicinity of monitoring well MW-4R and at the northwestern corner at MW-1. Impacted soils in central area are likely to be contributing to dissolved hydrocarbon contamination on the Site. The lateral (and, to a lesser degree, vertical) extent of these “hot spots” has been defined. Additional work is warranted to identify and evaluate remedial options to address these known conditions.

- Sufficient investigative work has been completed with respect to on-site groundwater contamination. Dissolved hydrocarbon concentrations (primarily petroleum compounds) are highest in monitoring wells MW-2, MW-4/MW-4R and MW-9, supporting the conclusion that the source of dissolved petroleum compounds in on-site groundwater is, in part or in whole, the impacted soils in the central hot spot area. Removal of these soils will likely result in reductions in dissolved hydrocarbon concentrations in on-site groundwater.

- Sufficient investigative work has been completed with respect to soil vapor concerns on the Site. An area of elevated VOCs is present at S-SG-2, at the southeastern portion of the Site. Response actions to address VOCs in other media (soil and groundwater) are expected to substantially reduce soil vapor levels but reuse of this Site should consider the installation and operation of active vapor interceptor systems.

- Sufficient investigative work has been completed with respect to metals, PCBs and pesticides in on-site soils and groundwater. None of these compounds were determined to be constituents of concern at this Site.

APPENDIX A

Figures

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

Figure 1 - Site Location Map

45-35 11th Street and 11-22 45th Road
Queens, New York

Legend:

subject property border

0 250 500

SCALE IN FEET (APPROXIMATELY)

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Legend:

- 1 & 2 Family Residential
- Multi-familly Residential
- Mixed Use
- Open space & outdoor recreation
- Commercial
- Institutions
- Industrial
- Parking
- Transporation/Utilities
- Vacant Lots

Subject Property

0 200 400
SCALE IN FEET (APPROXIMATELY)

Source Map provided by http://www.oasisnyc.net/map.aspx.

Figure 2 - Area Land Uses Map

45-35-11th Street and 11-22-45th Road
Queens, New York

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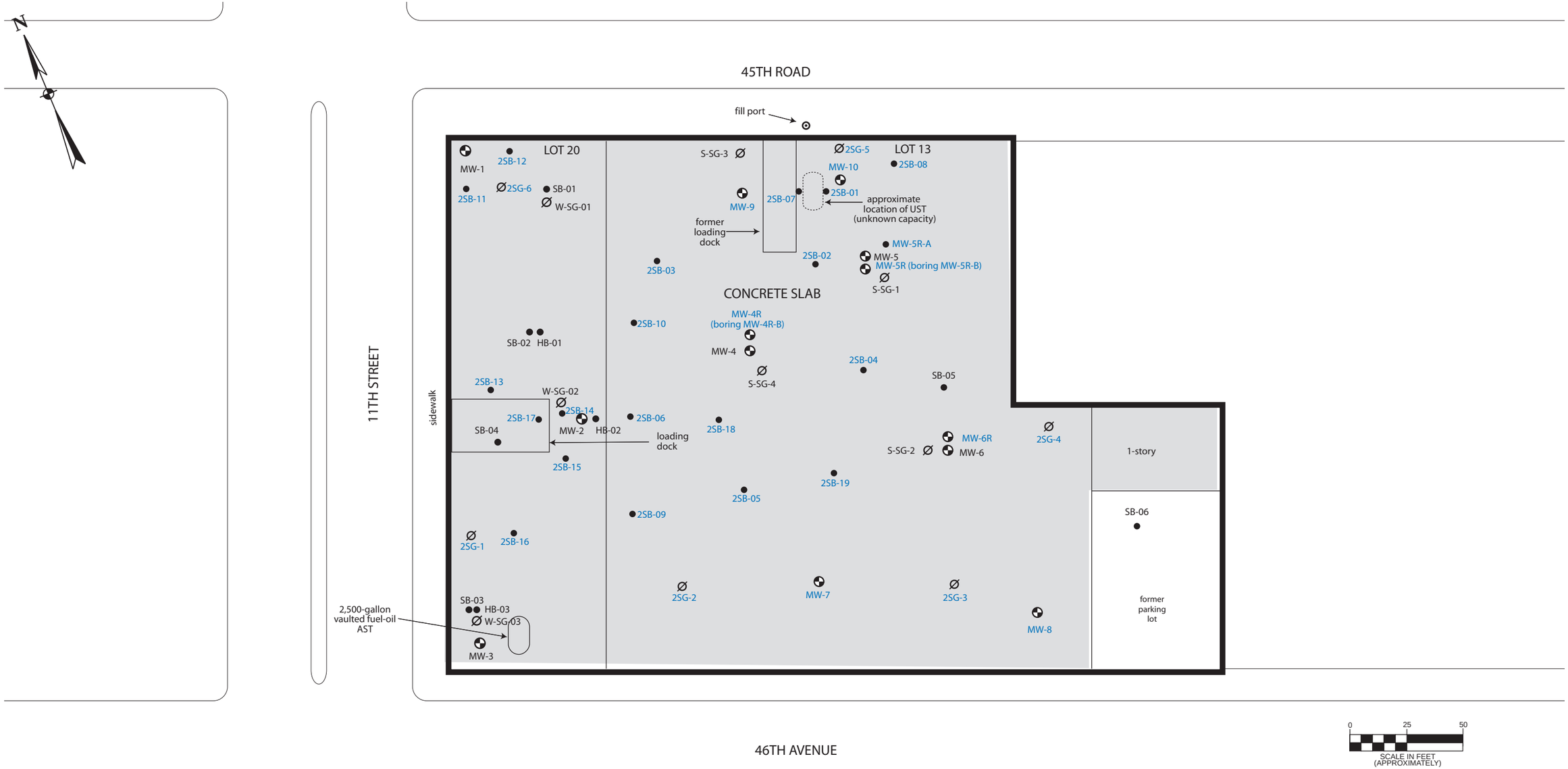

Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

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

Figure 3 - Sampling Location Map

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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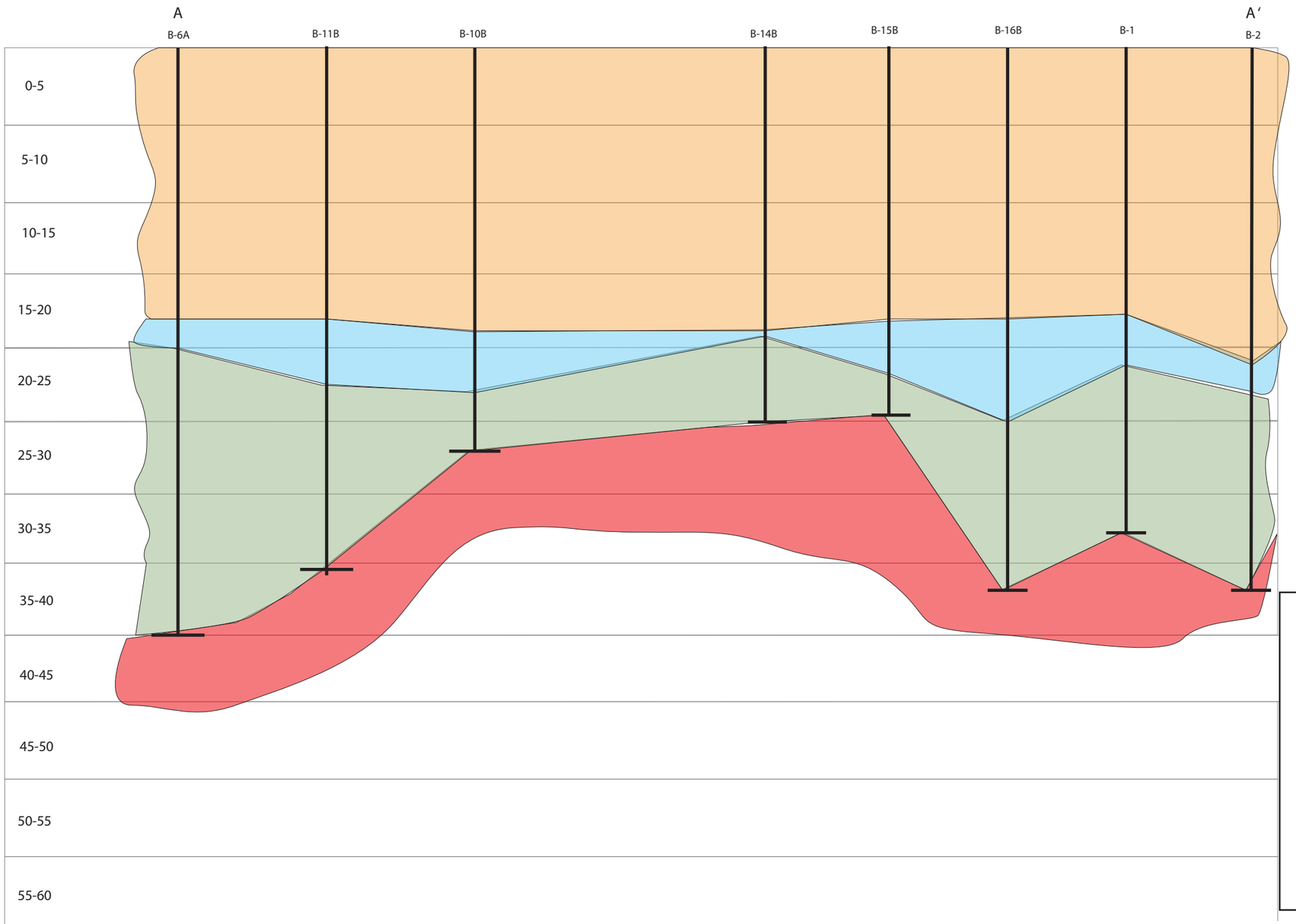
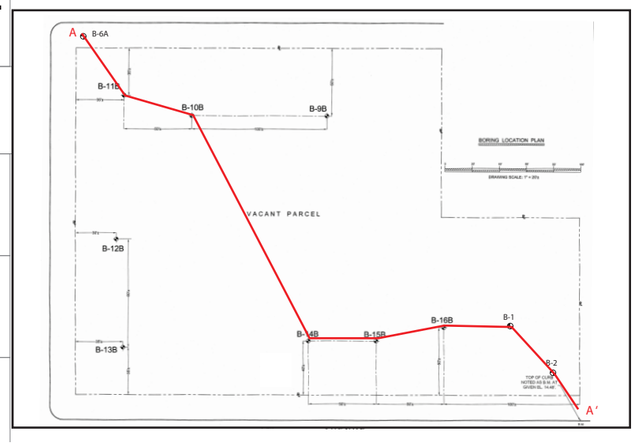
Ecosystems Strategies, Inc.





Legend:

- Fill
- Peat
- Silts and Silty Sand
- Bedrock (gneiss)

Figure 4: Geological Cross Section

GDC LIC Development NYSDEC BCP Site: C241172 45-35 11th Street and 11-22 45th Road Queens, New York	ESI File: GQ14076.50
	Not to scale
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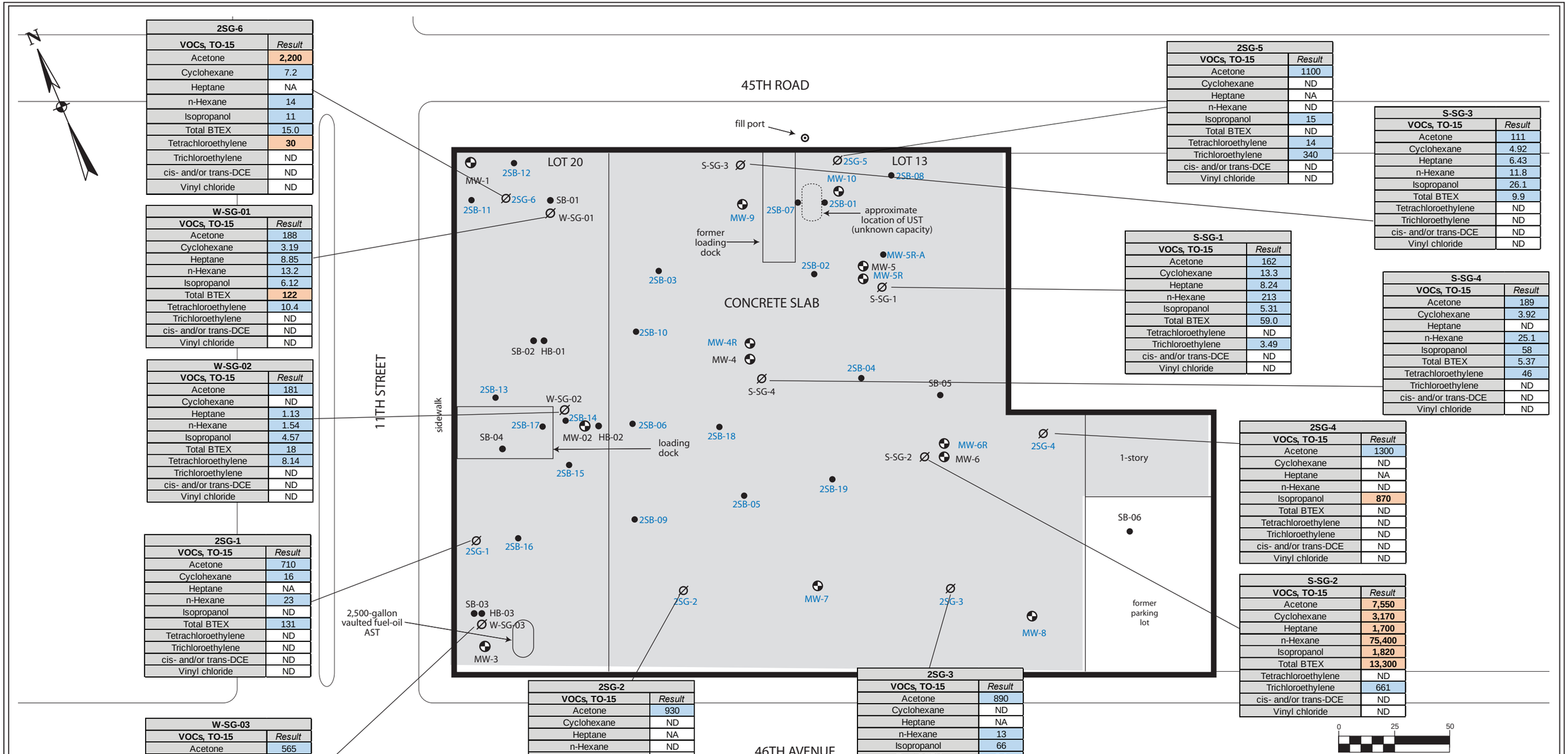
Ecosystems Strategies, Inc.



2SG-6	
VOCs, TO-15	*Result*
Acetone	**2,200**
Cyclohexane	7.2
Heptane	NA
n-Hexane	14
Isopropanol	11
Total BTEX	15.0
Tetrachloroethylene	**30**
Trichloroethylene	ND
cis- and/or trans-DCE	ND
Vinyl chloride	ND

W-SG-01	
VOCs, TO-15	*Result*
Acetone	188
Cyclohexane	3.19
Heptane	8.85
n-Hexane	13.2
Isopropanol	6.12
Total BTEX	**122**
Tetrachloroethylene	10.4
Trichloroethylene	ND
cis- and/or trans-DCE	ND
Vinyl chloride	ND

W-SG-02	
VOCs, TO-15	*Result*
Acetone	181
Cyclohexane	ND
Heptane	1.13
n-Hexane	1.54
Isopropanol	4.57
Total BTEX	18
Tetrachloroethylene	8.14
Trichloroethylene	ND
cis- and/or trans-DCE	ND
Vinyl chloride	ND

2SG-1	
VOCs, TO-15	*Result*
Acetone	710
Cyclohexane	16
Heptane	NA
n-Hexane	23
Isopropanol	ND
Total BTEX	131
Tetrachloroethylene	ND
Trichloroethylene	ND
cis- and/or trans-DCE	ND
Vinyl chloride	ND

W-SG-03	
VOCs, TO-15	*Result*
Acetone	565
Cyclohexane	31.6
Heptane	12.7
n-Hexane	27.7
Isopropanol	19
Total BTEX	48.1
Tetrachloroethylene	ND
Trichloroethylene	ND
cis- and/or trans-DCE	ND
Vinyl chloride	1.32

2SG-2	
VOCs, TO-15	*Result*
Acetone	930
Cyclohexane	ND
Heptane	NA
n-Hexane	ND
Isopropanol	ND
Total BTEX	13.0
Tetrachloroethylene	55
Trichloroethylene	760
cis- and/or trans-DCE	ND
Vinyl chloride	ND

2SG-3	
VOCs, TO-15	*Result*
Acetone	890
Cyclohexane	ND
Heptane	NA
n-Hexane	13
Isopropanol	66
Total BTEX	5.8
Tetrachloroethylene	ND
Trichloroethylene	35
cis- and/or trans-DCE	ND
Vinyl chloride	ND

2SG-5	
VOCs, TO-15	*Result*
Acetone	1100
Cyclohexane	ND
Heptane	NA
n-Hexane	ND
Isopropanol	15
Total BTEX	ND
Tetrachloroethylene	14
Trichloroethylene	340
cis- and/or trans-DCE	ND
Vinyl chloride	ND

S-SG-3	
VOCs, TO-15	*Result*
Acetone	111
Cyclohexane	4.92
Heptane	6.43
n-Hexane	11.8
Isopropanol	26.1
Total BTEX	9.9
Tetrachloroethylene	ND
Trichloroethylene	ND
cis- and/or trans-DCE	ND
Vinyl chloride	ND

S-SG-1	
VOCs, TO-15	*Result*
Acetone	162
Cyclohexane	13.3
Heptane	8.24
n-Hexane	213
Isopropanol	5.31
Total BTEX	59.0
Tetrachloroethylene	ND
Trichloroethylene	3.49
cis- and/or trans-DCE	ND
Vinyl chloride	ND

S-SG-4	
VOCs, TO-15	*Result*
Acetone	189
Cyclohexane	3.92
Heptane	ND
n-Hexane	25.1
Isopropanol	58
Total BTEX	5.37
Tetrachloroethylene	46
Trichloroethylene	ND
cis- and/or trans-DCE	ND
Vinyl chloride	ND

2SG-4	
VOCs, TO-15	*Result*
Acetone	1300
Cyclohexane	ND
Heptane	NA
n-Hexane	ND
Isopropanol	**870**
Total BTEX	ND
Tetrachloroethylene	ND
Trichloroethylene	ND
cis- and/or trans-DCE	ND
Vinyl chloride	ND

S-SG-2	
VOCs, TO-15	*Result*
Acetone	**7,550**
Cyclohexane	**3,170**
Heptane	**1,700**
n-Hexane	**75,400**
Isopropanol	**1,820**
Total BTEX	**13,300**
Tetrachloroethylene	ND
Trichloroethylene	661
cis- and/or trans-DCE	ND
Vinyl chloride	ND

Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

Detected concentrations

Concentrations ≥ AGVs and/or relatively elevated

All data in µg/m3

ND= non detect
NA = not analyzed

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

Figure 5 - Significant Vapor Concentrations

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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HB-01 (0-2')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
2-Butanone (MEK)	0.12	100	0.17
Acetone	0.05	100	0.084

2SB-13 (11-12')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.073
2SB-13 (16.5')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.11
2SB-13 (19-20')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.1
Benzene	0.06	48	0.074
p- & m- Xylenes	0.26	100	0.34
Xylenes, Total	0.26	100	0.52

2SB-17 (6-7')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.13
2SB-17 (15')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.068

SB-04 (11-13')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.13

2SB-14 (13')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.32
Benzene	0.06	48	0.12
2SB-14 (19')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.076

2SB-15 (12-13')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.17

HB-02 (0-2')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
2-Butanone (MEK)	0.12	100	0.37
Acetone	0.05	100	0.1

MW-1 (11-13')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Benzene	0.06	48	0.76
Naphthalene	12	100	52

MW-09 (15-16')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Benzene	0.06	48	1.3

MW-10 (16-20')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.2
MW-10 (23-24')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Acetone	0.05	100	0.11

MW-5R-A (23-24')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Benzene	0.06	48	0.86
p- & m- Xylenes	0.26	100	0.84
Xylenes, Total	0.26	100	1.2

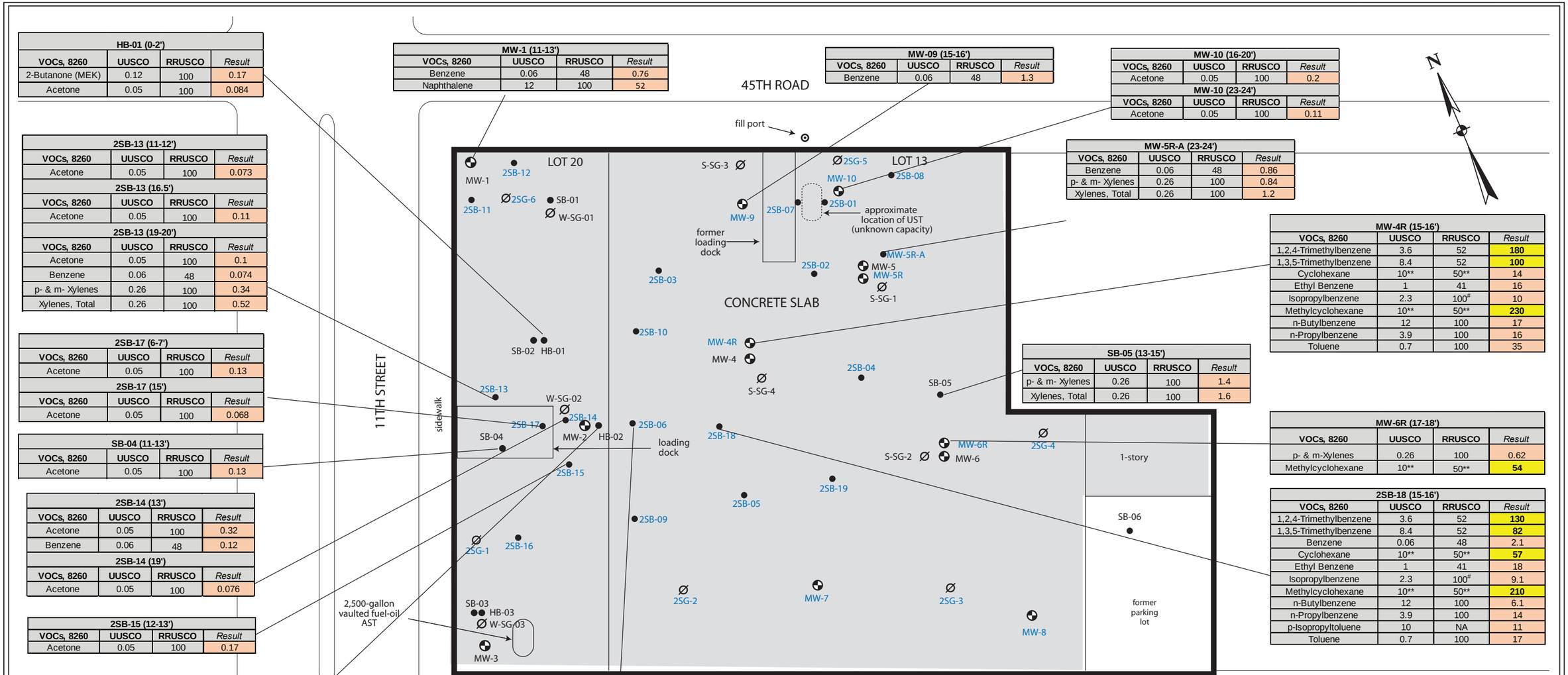
MW-4R (15-16')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
1,2,4-Trimethylbenzene	3.6	52	**180**
1,3,5-Trimethylbenzene	8.4	52	**100**
Cyclohexane	10**	50**	14
Ethyl Benzene	1	41	16
Isopropylbenzene	2.3	100#	10
Methylcyclohexane	10**	50**	**230**
n-Butylbenzene	12	100	17
n-Propylbenzene	3.9	100	16
Toluene	0.7	100	35

SB-05 (13-15')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
p- & m- Xylenes	0.26	100	1.4
Xylenes, Total	0.26	100	1.6

MW-6R (17-18')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
p- & m-Xylenes	0.26	100	0.62
Methylcyclohexane	10**	50**	**54**

2SB-18 (15-16')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
1,2,4-Trimethylbenzene	3.6	52	**130**
1,3,5-Trimethylbenzene	8.4	52	**82**
Benzene	0.06	48	2.1
Cyclohexane	10**	50**	**57**
Ethyl Benzene	1	41	18
Isopropylbenzene	2.3	100#	9.1
Methylcyclohexane	10**	50**	**210**
n-Butylbenzene	12	100	6.1
n-Propylbenzene	3.9	100	14
p-Isopropyltoluene	10	NA	11
Toluene	0.7	100	17

2SB-06 (17-18')			
VOCs, 8260	UUSCO	RRUSCO	*Result*
Cyclohexane	10**	50**	33
Methylcyclohexane	10**	50**	**130**



Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

Above UUSCO
Above RRUSCO
Data in µg/kg
Note: ** SCOs not established, values for comparison, only

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

Figure 6: VOCs Above UUSCOs in Soil

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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2SB-10 (11-12')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
Benzo(a)anthracene	1	1	**1.14**

SB-02 (0-2')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
Benzo(a)anthracene	1	1	**11.7**
Benzo(a)pyrene	1	1	**8.06**
Benzo(b)fluoranthene	1	1	**5.7**
Benzo(k)fluoranthene	0.8	3.9	**7.83**
Chrysene	1	3.9	**10.6**
Dibenzo(a,h)anthracene	0.33	0.33	**1.87**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**3.28**

2SB-13 (11-12')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
Benzo(a)anthracene	1	1	**2.45**
Benzo(a)pyrene	1	1	**1.1**
Benzo(b)fluoranthene	1	1	**1.41**
Benzo(k)fluoranthene	0.8	3.9	1.19
Chrysene	1	3.9	**4.89**
Dibenzo(a,h)anthracene	0.33	0.33	**0.448**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**0.922**
2SB-13 (16.5')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	**2.86**
Benzo(a)anthracene	1	1	**7.02**
Benzo(a)pyrene	1	1	**1.93**
Benzo(b)fluoranthene	1	1	**2.02**
Benzo(k)fluoranthene	0.8	3.9	1.85
Chrysene	1	3.9	**11.2**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**1.39**
2SB-13 (19-20')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylphenol	0.33	100	0.458
3- & 4-Methylphenols	0.33	100	3.21

2SB-14 (13')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	**4.2**
3- & 4-Methylphenols	0.33	100	2.1
Benzo(a)anthracene	1	1	**28.6**
Benzo(a)pyrene	1	1	**6.83**
Benzo(b)fluoranthene	1	1	**10.3**
Benzo(k)fluoranthene	0.8	3.9	**6.11**
Chrysene	1	3.9	**25.9**
Dibenzo(a,h)anthracene	0.33	0.33	**0.411**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**3.8**
Naphthalene	12	100	14.4
Phenol	0.33	100	0.496

SB-04 (0-2')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
Benzo(a)anthracene	1	1	**2.27**
Benzo(a)pyrene	1	1	**2.27**
Benzo(b)fluoranthene	1	1	**1.92**
Benzo(k)fluoranthene	0.8	3.9	1.89
Chrysene	1	3.9	2.15
Dibenzo(a,h)anthracene	0.33	0.33	**0.615**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**1.34**

SB-03 (0-2')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
Benzo(a)anthracene	1	1	**16.4**
Benzo(a)pyrene	1	1	**11.3**
Benzo(b)fluoranthene	1	1	**13**
Benzo(k)fluoranthene	0.8	3.9	**11.3**
Chrysene	1	3.9	**15.6**
Dibenzo(a,h)anthracene	0.33	0.33	**2.75**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**5.09**
SB-03 (11-13')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
Benzo(a)anthracene	1	1	**8.47**
Benzo(a)pyrene	1	1	**5.76**
Benzo(b)fluoranthene	1	1	**4.04**
Chrysene	1	3.9	**8.35**
Dibenzo(a,h)anthracene	0.33	0.33	**1.26**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**2.33**

MW-1 (11-13')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	**244**
Acenaphthene	20	100	**148**
Acenaphthylene	100	100	**166**
Anthracene	100	100	**266**
Benzo(a)anthracene	1	1	**145**
Benzo(a)pyrene	1	1	**60.3**
Benzo(b)fluoranthene	1	1	**47.5**
Chrysene	1	3.9	**171**
Fluoranthene	100	100	**555**
Fluorene	30	100	**241**
Naphthalene	12	100	**1290**
Phenanthrene	100	100	**919**
Pyrene	100	100	**462**

MW-9 (15-16')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	**9.13**
3- & 4-Methylphenols	0.33	100	1.63
Acenaphthene	20	100	50.4
Benzo(a)anthracene	1	1	**71.3**
Benzo(a)pyrene	1	1	**59.3**
Benzo(b)fluoranthene	1	1	**35**
Benzo(k)fluoranthene	0.8	3.9	**49.8**
Chrysene	1	3.9	**67.1**
Dibenzo(a,h)anthracene	0.33	0.33	**4.33**
Fluoranthene	100	100	**133**
Fluorene	30	100	58.3
Indeno(1,2,3-cd)pyrene	0.5	0.5	**8.37**
Naphthalene	12	100	58.9
Phenanthrene	100	100	**134**
Phenol	0.33	100	1.16
Pyrene	100	100	**128**

2SB-02 (12-16')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	**54.3**
Acenaphthene	20	100	53.7
Benzo(a)anthracene	1	1	**14.5**
Benzo(a)pyrene	1	1	**4**
Benzo(b)fluoranthene	1	1	**4.22**
Benzo(k)fluoranthene	0.8	3.9	3.39
Chrysene	1	3.9	**12.6**
Fluorene	30	100	62.4
Indeno(1,2,3-cd)pyrene	0.5	0.5	**0.605**
Naphthalene	12	100	90.2
2SB-02 (20-24')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	**13.4**
Benzo(a)anthracene	1	1	**2.27**
Benzo(a)pyrene	1	1	**1.02**
Benzo(b)fluoranthene	1	1	**1.17**
Benzo(k)fluoranthene	0.8	3.9	0.942
Chrysene	1	3.9	2.19
Naphthalene	12	100	26.5

MW-5R (23-24')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	**2.89**
2-Methylphenol	0.33	100	0.337
3- & 4-Methylphenols	0.33	100	1.09
Acenaphthene	20	100	30.7
Benzo(a)anthracene	1	1	**32.2**
Benzo(a)pyrene	1	1	**25.7**
Benzo(b)fluoranthene	1	1	**18.6**
Benzo(k)fluoranthene	0.8	3.9	**19**
Chrysene	1	3.9	**23.7**
Dibenzo(a,h)anthracene	0.33	0.33	**6.65**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**12.3**
Naphthalene	12	100	29.6
Phenol	0.33	100	0.82

MW-4R			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	**5.49**

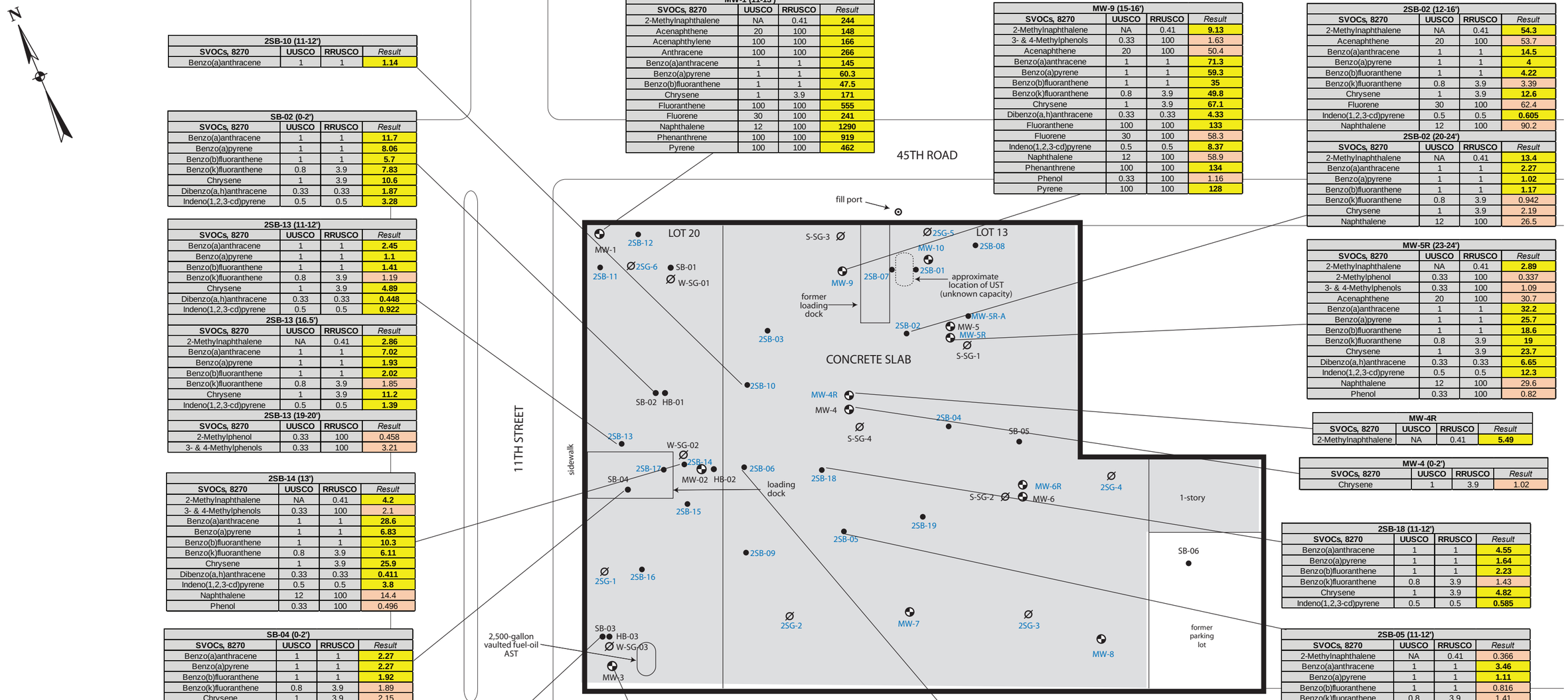
MW-4 (0-2')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
Chrysene	1	3.9	1.02

2SB-18 (11-12')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
Benzo(a)anthracene	1	1	**4.55**
Benzo(a)pyrene	1	1	**1.64**
Benzo(b)fluoranthene	1	1	**2.23**
Benzo(k)fluoranthene	0.8	3.9	1.43
Chrysene	1	3.9	**4.82**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**0.585**

2SB-05 (11-12')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	0.366
Benzo(a)anthracene	1	1	**3.46**
Benzo(a)pyrene	1	1	**1.11**
Benzo(b)fluoranthene	1	1	0.816
Benzo(k)fluoranthene	0.8	3.9	1.41
Chrysene	1	3.9	2.91

MW-3 (0-2')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
Benzo(a)anthracene	1	1	**4.2**
Benzo(a)pyrene	1	1	**1.99**
Benzo(b)fluoranthene	1	1	**1.52**
Benzo(k)fluoranthene	0.8	3.9	2.3
Chrysene	1	3.9	**5.76**
Dibenzo(a,h)anthracene	0.33	0.33	**0.599**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**1.06**

2SB-06 (17-18')			
SVOCs, 8270	UUSCO	RRUSCO	*Result*
2-Methylnaphthalene	NA	0.41	**0.561**
Benzo(a)anthracene	1	1	**1.19**
Benzo(a)pyrene	1	1	0.769
Benzo(b)fluoranthene	1	1	0.869
Benzo(k)fluoranthene	0.8	3.9	0.657
Chrysene	1	3.9	1.36



Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

Above UUSCO
Above RRUSCO
Data in µg/kg

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

Figure 7: SVOCs Above UUSCOs in Soil

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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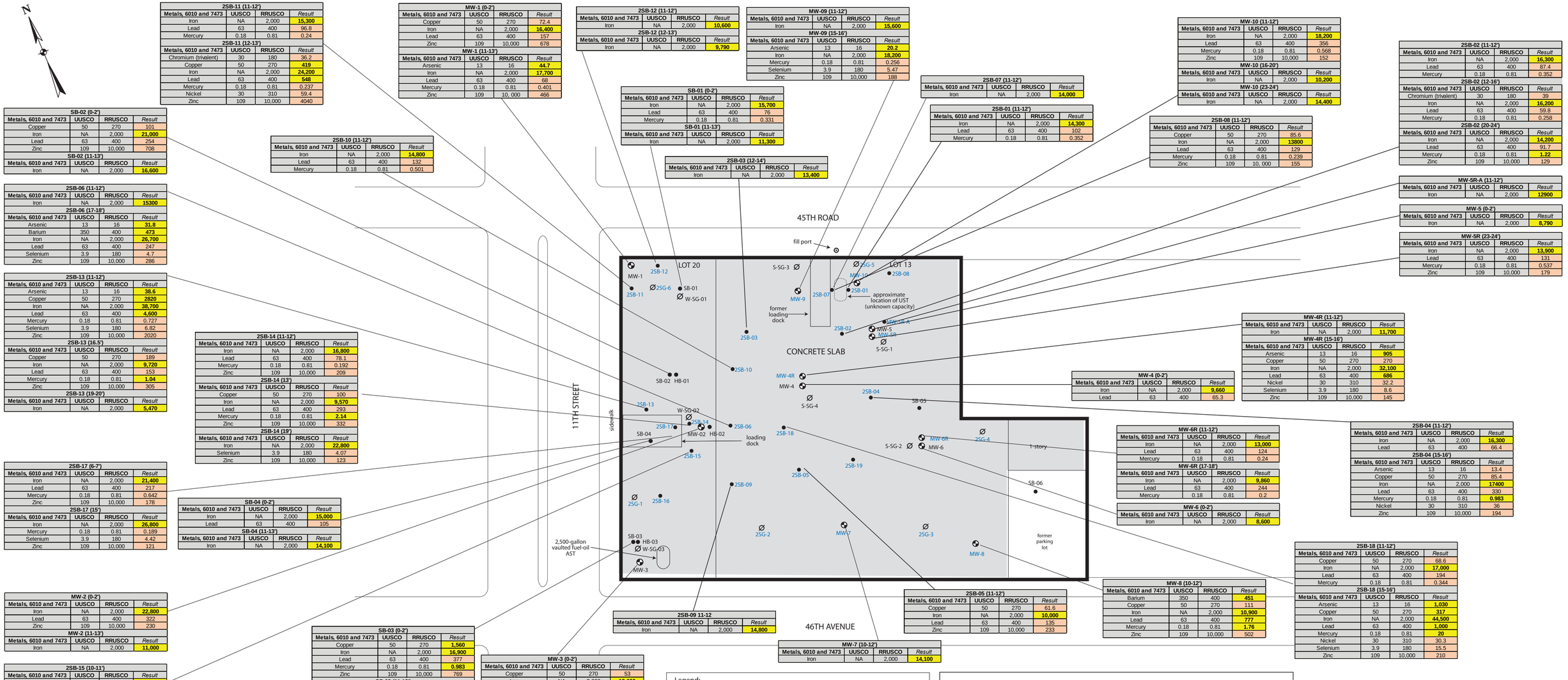
Ecosystems Strategies, Inc.



2SB-11 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**15,300**
Lead	63	400	96.8
Mercury	0.18	0.81	0.24

2SB-11 (12-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Chromium (trivalent)	30	180	36.2
Copper	50	270	**419**
Iron	NA	2,000	**24,200**
Lead	63	400	**548**
Mercury	0.18	0.81	0.237
Nickel	30	310	59.4
Zinc	109	10,000	4040

MW-1 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Copper	50	270	72.4
Iron	NA	2,000	**16,400**
Lead	63	400	157
Zinc	109	10,000	678

MW-1 (11-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Arsenic	13	16	**44.7**
Iron	NA	2,000	**17,700**
Lead	63	400	68
Mercury	0.18	0.81	0.401
Zinc	109	10, 000	466

2SB-12 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**15,600**

2SB-12 (12-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**9,790**

MW-09 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**15,600**

MW-09 (15-16')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Arsenic	13	16	**20.2**
Iron	NA	2,000	**18,200**
Mercury	0.18	0.81	0.256
Selenium	3.9	180	5.47
Zinc	109	10,000	188

MW-10 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**18,200**
Lead	63	400	356
Mercury	0.18	0.81	0.568
Zinc	109	10,000	152

MW-10 (16-20')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**10,200**

MW-10 (23-24')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**14,400**

2SB-02 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**16,300**
Lead	63	400	87.4
Mercury	0.18	0.81	0.352

2SB-02 (12-16')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Chromium (trivalent)	30	180	39
Iron	NA	2,000	**16,200**
Lead	63	400	59.8
Mercury	0.18	0.81	0.258

2SB-02 (20-24')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**14,200**
Lead	63	400	91.7
Mercury	0.18	0.81	**1.22**
Zinc	109	10,000	129

MW-5R-A (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**12900**

MW-5 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**8,790**

MW-5R (23-24')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**13,900**
Lead	63	400	131
Mercury	0.18	0.81	0.537
Zinc	109	10,000	179

SB-01 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**15,700**
Lead	63	400	76
Mercury	0.18	0.81	0.331

SB-01 (11-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**11,300**

2SB-07 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**14,000**

2SB-01 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**14,300**
Lead	63	400	102
Mercury	0.18	0.81	0.352

2SB-08 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Copper	50	270	85.6
Iron	NA	2,000	**13800**
Lead	63	400	129
Mercury	0.18	0.81	0.239
Zinc	109	10, 000	155

2SB-03 (12-14')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**13,400**

2SB-10 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**14,800**
Lead	63	400	132
Mercury	0.18	0.81	0.501

SB-02 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Copper	50	270	101
Iron	NA	2,000	**21,000**
Lead	63	400	254
Zinc	109	10,000	708

SB-02 (11-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**16,600**

2SB-06 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**15300**

2SB-06 (17-18')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Arsenic	13	16	**31.8**
Barium	350	400	**473**
Iron	NA	2,000	**26,700**
Lead	63	400	247
Selenium	3.9	180	4.7
Zinc	109	10,000	286

2SB-13 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Arsenic	13	16	**38.6**
Copper	50	270	**2820**
Iron	NA	2,000	**38,700**
Lead	63	400	**4,600**
Mercury	0.18	0.81	0.727
Selenium	3.9	180	6.82
Zinc	109	10,000	2020

2SB-13 (16.5')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Copper	50	270	189
Iron	NA	2,000	**9,720**
Lead	63	400	153
Mercury	0.18	0.81	**1.04**
Zinc	109	10,000	305

2SB-13 (19-20')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**5,470**

2SB-14 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**16,800**
Lead	63	400	78.1
Mercury	0.18	0.81	0.192
Zinc	109	10,000	209

2SB-14 (13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Copper	50	270	100
Iron	NA	2,000	**9,570**
Lead	63	400	293
Mercury	0.18	0.81	**2.14**
Zinc	109	10,000	332

2SB-14 (19')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**22,800**
Selenium	3.9	180	4.07
Zinc	109	10,000	123

MW-4 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**9,660**
Lead	63	400	65.3

MW-4R (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**11,700**

MW-4R (15-16')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Arsenic	13	16	**905**
Copper	50	270	270
Iron	NA	2,000	**32,100**
Lead	63	400	**686**
Nickel	30	310	32.2
Selenium	3.9	180	8.6
Zinc	109	10,000	145

MW-6R (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**13,000**
Lead	63	400	124
Mercury	0.18	0.81	0.24

MW-6R (17-18')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**9,860**
Lead	63	400	244
Mercury	0.18	0.81	0.2

MW-6 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**8,600**

2SB-04 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**16,300**
Lead	63	400	66.4

2SB-04 (15-16')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Arsenic	13	16	13.4
Copper	50	270	85.4
Iron	NA	2,000	**17400**
Lead	63	400	330
Mercury	0.18	0.81	**0.983**
Nickel	30	310	36
Zinc	109	10,000	194

2SB-17 (6-7')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**21,400**
Lead	63	400	217
Mercury	0.18	0.81	0.642
Zinc	109	10,000	178

2SB-17 (15')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**26,800**
Mercury	0.18	0.81	0.189
Selenium	3.9	180	4.42
Zinc	109	10,000	121

SB-04 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**15,000**
Lead	63	400	105

SB-04 (11-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**14,100**

2SB-05 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Copper	50	270	61.6
Iron	NA	2,000	**10,000**
Lead	63	400	135
Zinc	109	10,000	233

MW-8 (10-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Barium	350	400	**451**
Copper	50	270	111
Iron	NA	2,000	**10,900**
Lead	63	400	**777**
Mercury	0.18	0.81	**1.76**
Zinc	109	10,000	502

2SB-18 (11-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Copper	50	270	68.6
Iron	NA	2,000	**17,000**
Lead	63	400	194
Mercury	0.18	0.81	0.344

2SB-18 (15-16')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Arsenic	13	16	**1,030**
Copper	50	270	**317**
Iron	NA	2,000	**44,500**
Lead	63	400	**1,000**
Mercury	0.18	0.81	**20**
Nickel	30	310	30.3
Selenium	3.9	180	15.5
Zinc	109	10,000	210

2SB-09 11-12

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**14,800**

MW-7 (10-12')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**14,100**

MW-2 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**22,800**
Lead	63	400	322
Zinc	109	10,000	230

MW-2 (11-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**11,000**

2SB-15 (10-11')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**14,100**
Lead	63	400	314
Mercury	0.18	0.81	0.768
Zinc	109	10,000	117

2SB-15 (12-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**15,300**
Lead	63	400	311
Zinc	109	10,000	155

2SB-15 (19-20')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**22,800**

SB-03 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Copper	50	270	**1,560**
Iron	NA	2,000	**16,900**
Lead	63	400	377
Mercury	0.18	0.81	**0.983**
Zinc	109	10,000	769

SB-03 (11-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Arsenic	13	16	**19.1**
Barium	350	400	**557**
Copper	50	270	255
Iron	NA	2,000	**31,700**
Lead	63	400	**889**
Mercury	0.18	0.81	**0.837**
Selenium	3.9	180	6.18
Zinc	109	10,000	951

MW-3 (0-2')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Copper	50	270	53
Iron	NA	2,000	**18,600**
Lead	63	400	149
Mercury	0.18	0.81	0.227
Zinc	109	10,000	168

MW-3 (11-13')

Metals, 6010 and 7473	UUSCO	RRUSCO	Result
Iron	NA	2,000	**16,700**

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

Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

Above UUSCO
Above RRUSCO

Data in mg/kg (parts per billion)

Figure 8 - TAL Metals Above UUSCOs in Soil

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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0 25 50
SCALE IN FEET (APPROXIMATELY)

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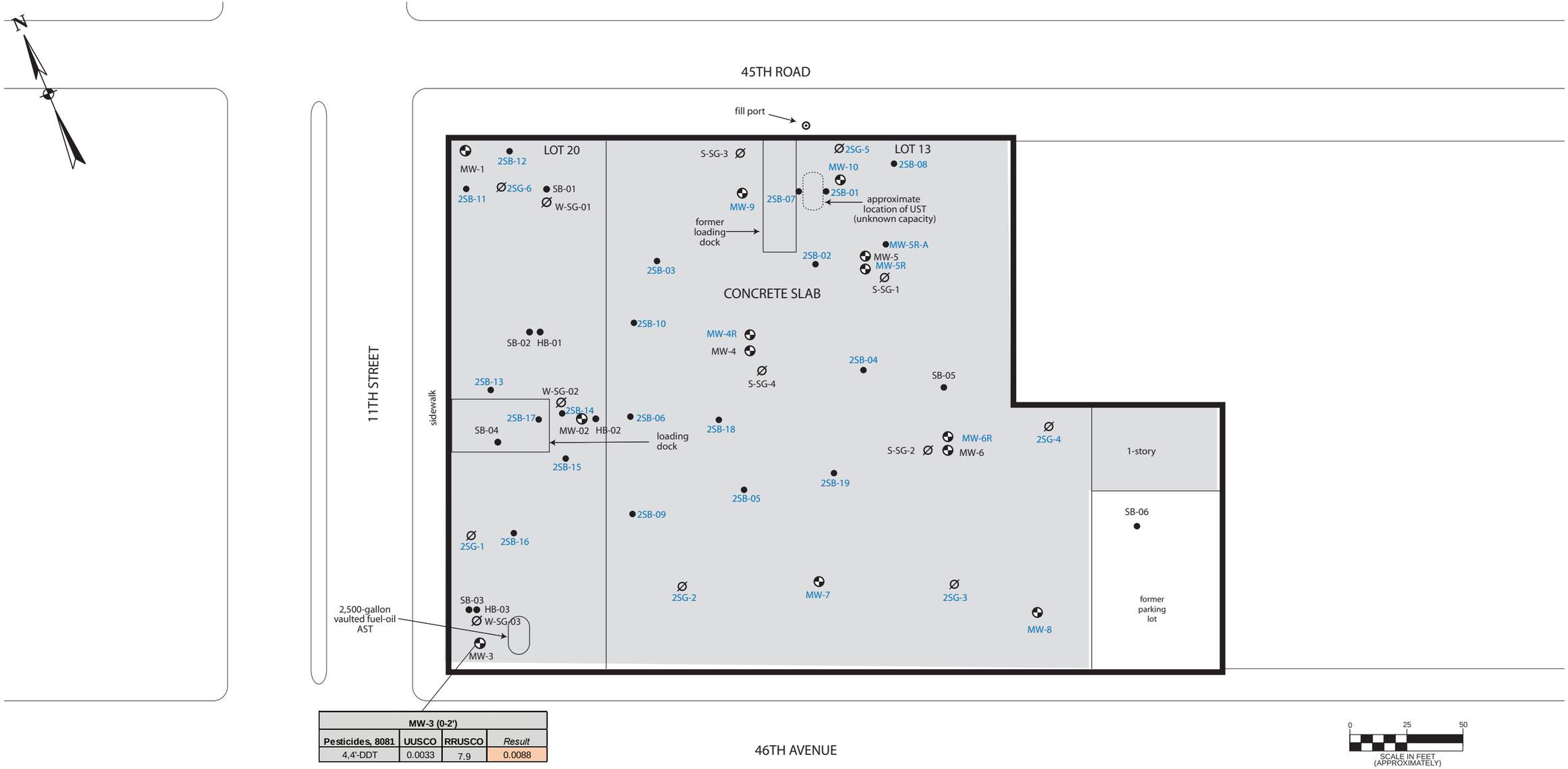

MW-3 (0-2')			
Pesticides, 8081	**UUSCO**	**RRUSCO**	*Result*
4,4'-DDT	0.0033	7.9	0.0088

Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

Above UUSCO
All data in mg/Kg (ppm)

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

Figure 9 - Pesticides Above UUSCOs Map

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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MW-4		
2014-10-16		
VOCs, 8260	AWQS	Result
1,2,4-Trimethylbenzene	5	89
1,2-Dichloroethane	0.6	6.4
1,3,5-Trimethylbenzene	5	48
Acetone	50	57
Benzene	1	170
Ethyl Benzene	5	49
Isopropylbenzene	5	5.9
Naphthalene	10	21
n-Propylbenzene	5	6.4
o-Xylene	5	160
p- & m- Xylenes	5	360
Toluene	5	310
Xylenes, Total	5	520

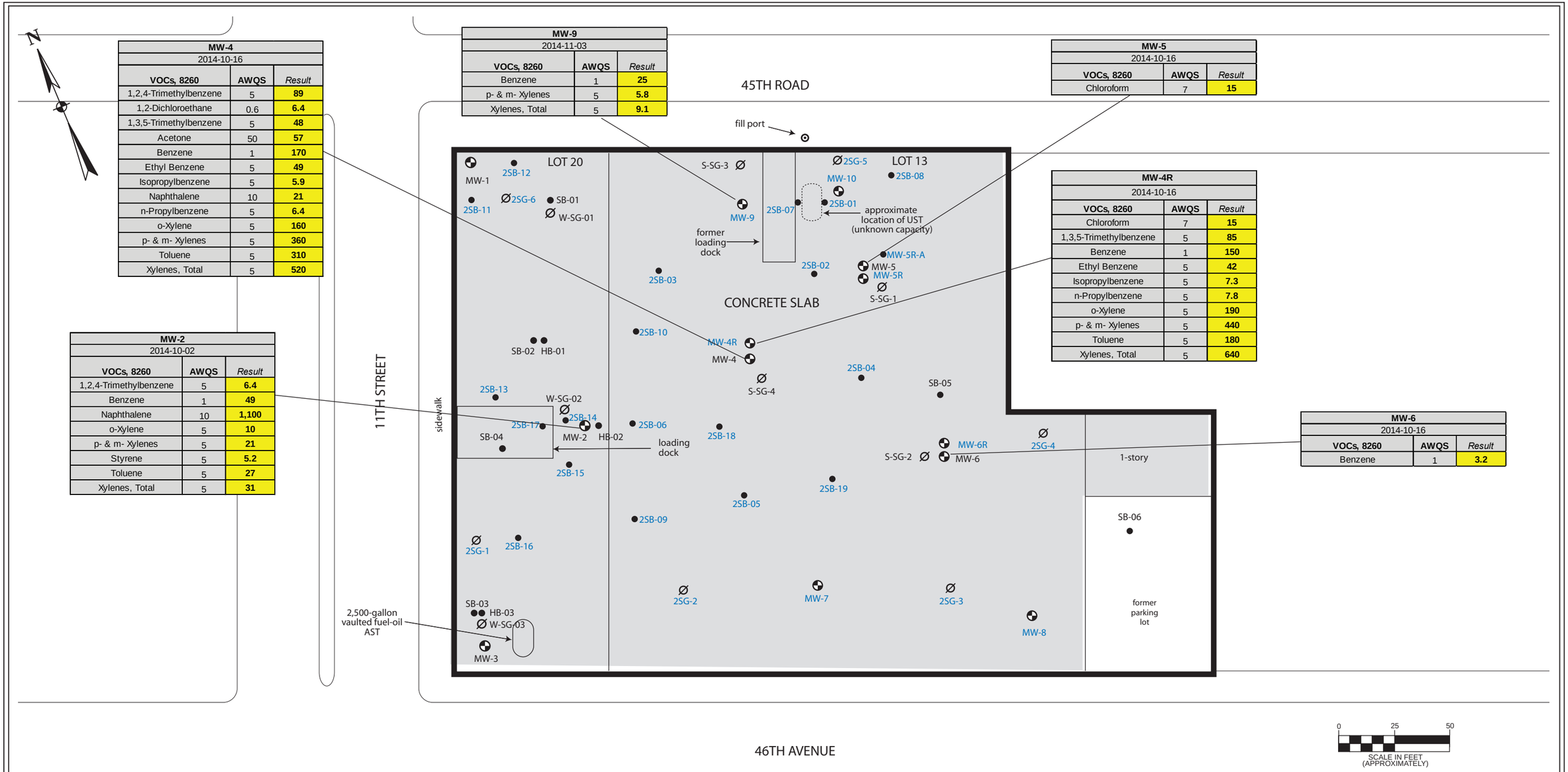
MW-9		
2014-11-03		
VOCs, 8260	AWQS	Result
Benzene	1	25
p- & m- Xylenes	5	5.8
Xylenes, Total	5	9.1

MW-5		
2014-10-16		
VOCs, 8260	AWQS	Result
Chloroform	7	15

MW-4R		
2014-10-16		
VOCs, 8260	AWQS	Result
Chloroform	7	15
1,3,5-Trimethylbenzene	5	85
Benzene	1	150
Ethyl Benzene	5	42
Isopropylbenzene	5	7.3
n-Propylbenzene	5	7.8
o-Xylene	5	190
p- & m- Xylenes	5	440
Toluene	5	180
Xylenes, Total	5	640

MW-2		
2014-10-02		
VOCs, 8260	AWQS	Result
1,2,4-Trimethylbenzene	5	6.4
Benzene	1	49
Naphthalene	10	1,100
o-Xylene	5	10
p- & m- Xylenes	5	21
Styrene	5	5.2
Toluene	5	27
Xylenes, Total	5	31

MW-6		
2014-10-16		
VOCs, 8260	AWQS	Result
Benzene	1	3.2



Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

Concentrations Above AWQS

All data in µg/L

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

Figure 10 - VOCs Above AWQS in Water

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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Ecosystems Strategies, Inc.

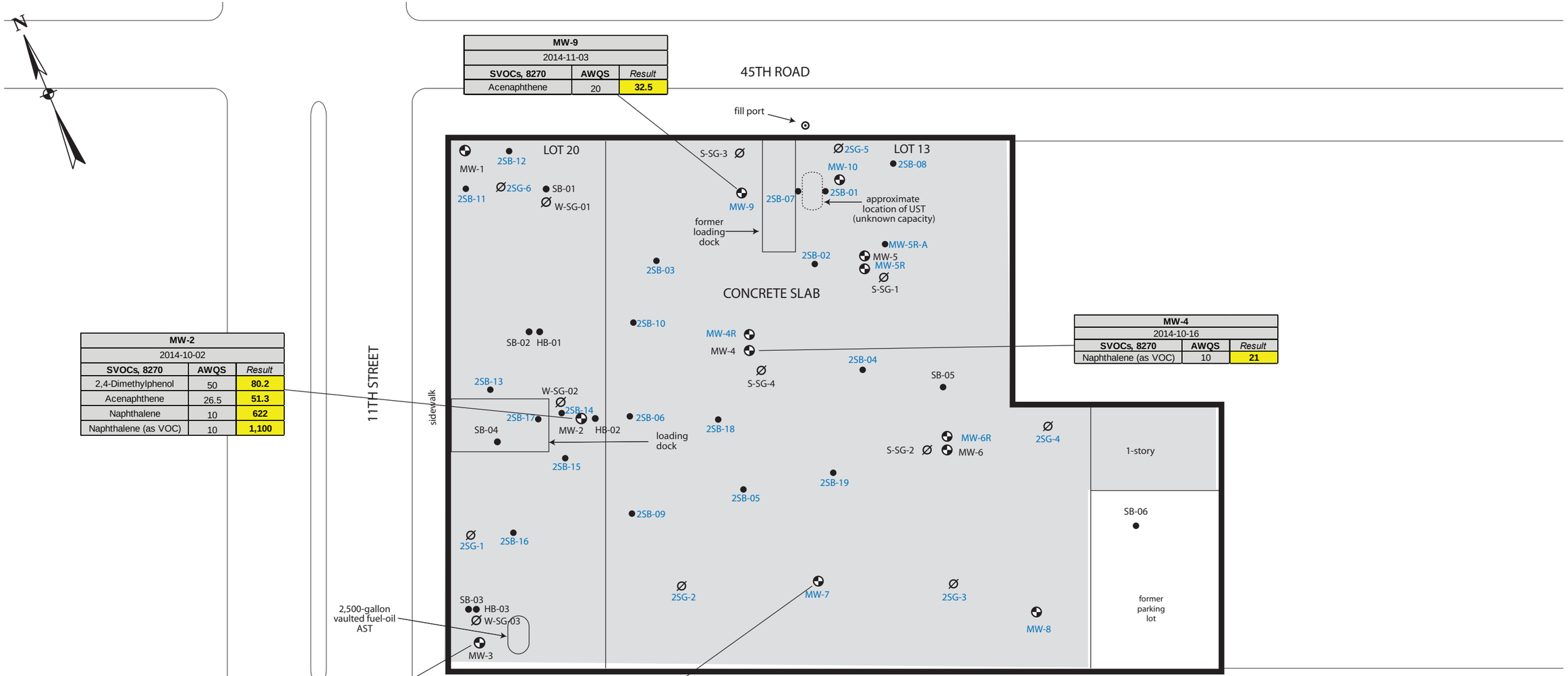
MW-9		
2014-11-03		
SVOCs, 8270	**AWQS**	*Result*
Acenaphthene	20	**32.5**

MW-2		
2014-10-02		
SVOCs, 8270	**AWQS**	*Result*
2,4-Dimethylphenol	50	**80.2**
Acenaphthene	26.5	**51.3**
Naphthalene	10	**622**
Naphthalene (as VOC)	10	**1,100**

MW-4		
2014-10-16		
SVOCs, 8270	**AWQS**	*Result*
Naphthalene (as VOC)	10	**21**

MW-3		
2014-10-02		
SVOCs, 8270	**AWQS**	*Result*
Benzo(a)anthracene	0.002	**0.116**
Benzo(b)fluoranthene	0.002	**0.0947**
Benzo(k)fluoranthene	0.002	**0.0737**
Chrysene	0.002	**0.0737**
Indeno(1,2,3-cd)pyrene	0.002	**0.0842**

MW-7		
2014-11-03		
SVOCs, 8270	**AWQS**	*Result*
Benzo(a)anthracene	0.002	**0.07**



Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

Concentrations Above AWQS

All data in µg/L

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

Figure 11 - SVOCs Above AWQS in Water

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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MW-1		
2014-10-02		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**346**
Selenium	10	**13**
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Magnesium	35,000	**62,700**
Manganese**	300	**767**
Selenium	10	**19**

MW-2		
2014-10-02		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**734**
Selenium	10	**13**

MW-3		
2014-10-02		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**1,990**
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Magnesium	35,000	**28,400**
Manganese**	300	**4,060**
Thallium	0.5	**6**

MW-9		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**750**

MW-10		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Arsenic	25	**84**
Manganese**	300	**701**

MW-5R		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Magnesium	35,000	**90,200**
Manganese**	300	**471**
Selenium	10	**11**

MW-4R		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Arsenic	25	**829**
Magnesium	35,000	**74,100**
Manganese**	300	**1,760**
Selenium	10	**13**

MW-4		
2014-10-16		
Metals, 6010 and 7473	**AWQS**	*Result*
Arsenic	25	**1,010**
Magnesium	35,000	**86,800**
Manganese**	300	**780**
Selenium	10	**13**

MW-6R		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**376**
Selenium	10	**14**

MW-7		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Lead	25	**151**
Magnesium	35,000	**37,100**
Manganese**	300	**6,110**

MW-8		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**2,780**

45TH ROAD

46TH AVENUE

11TH STREET

sidewalk

LOT 20

LOT 13

CONCRETE SLAB

1-story

former loading dock

loading dock

approximate location of UST (unknown capacity)

fill port

former parking lot

2,500-gallon vaulted fuel-oil AST

MW-1, MW-2, MW-3, MW-4, MW-4R, MW-5, MW-5R, MW-5R-A, MW-6, MW-6R, MW-7, MW-8, MW-9, MW-10

2SB-01, 2SB-02, 2SB-03, 2SB-04, 2SB-05, 2SB-06, 2SB-07, 2SB-08, 2SB-09, 2SB-10, 2SB-11, 2SB-12, 2SB-13, 2SB-14, 2SB-15, 2SB-16, 2SB-17, 2SB-18, 2SB-19

SB-01, SB-02, SB-03, SB-04, SB-05, SB-06

HB-01, HB-02, HB-03

2SG-1, 2SG-2, 2SG-3, 2SG-4, 2SG-5, 2SG-6

S-SG-1, S-SG-2, S-SG-3, S-SG-4

W-SG-01, W-SG-02, W-SG-03

0 25 50

SCALE IN FEET (APPROXIMATELY)

Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

Concentrations Above AWQS

All data in µg/L

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

Figure 12 - Total TAL Metals Above AWQS in Water

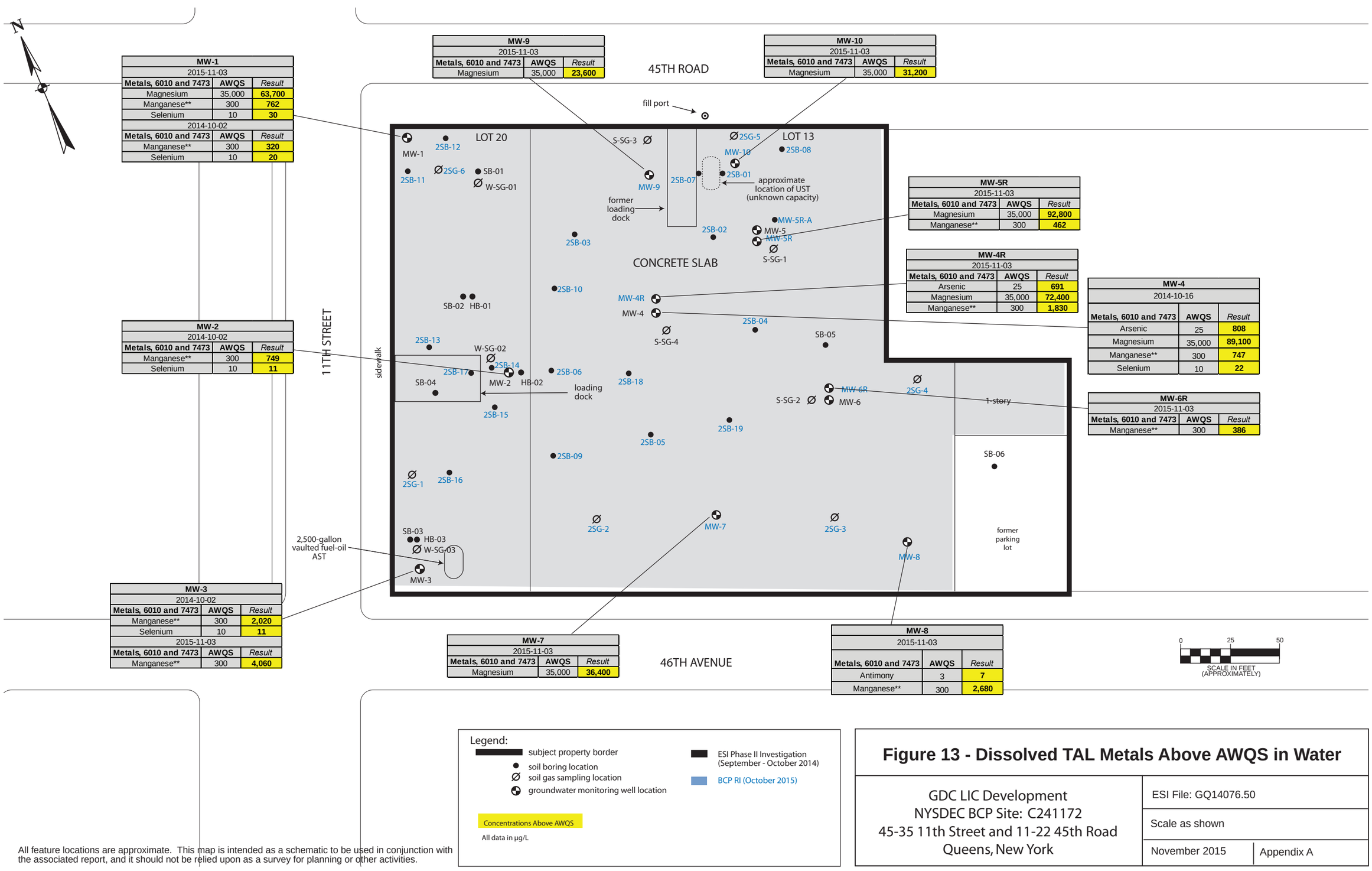
GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

November 2015 | Appendix A

Ecosystems Strategies, Inc.



MW-1		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Magnesium	35,000	**63,700**
Manganese**	300	**762**
Selenium	10	**30**
2014-10-02		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**320**
Selenium	10	**20**

MW-2		
2014-10-02		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**749**
Selenium	10	**11**

MW-3		
2014-10-02		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**2,020**
Selenium	10	**11**
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**4,060**

MW-9		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Magnesium	35,000	**23,600**

MW-10		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Magnesium	35,000	**31,200**

MW-5R		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Magnesium	35,000	**92,800**
Manganese**	300	**462**

MW-4R		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Arsenic	25	**691**
Magnesium	35,000	**72,400**
Manganese**	300	**1,830**

MW-4		
2014-10-16		
Metals, 6010 and 7473	**AWQS**	*Result*
Arsenic	25	**808**
Magnesium	35,000	**89,100**
Manganese**	300	**747**
Selenium	10	**22**

MW-6R		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Manganese**	300	**386**

MW-7		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Magnesium	35,000	**36,400**

MW-8		
2015-11-03		
Metals, 6010 and 7473	**AWQS**	*Result*
Antimony	3	**7**
Manganese**	300	**2,680**

Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

Concentrations Above AWQS

All data in µg/L

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

Figure 13 - Dissolved TAL Metals Above AWQS in Water

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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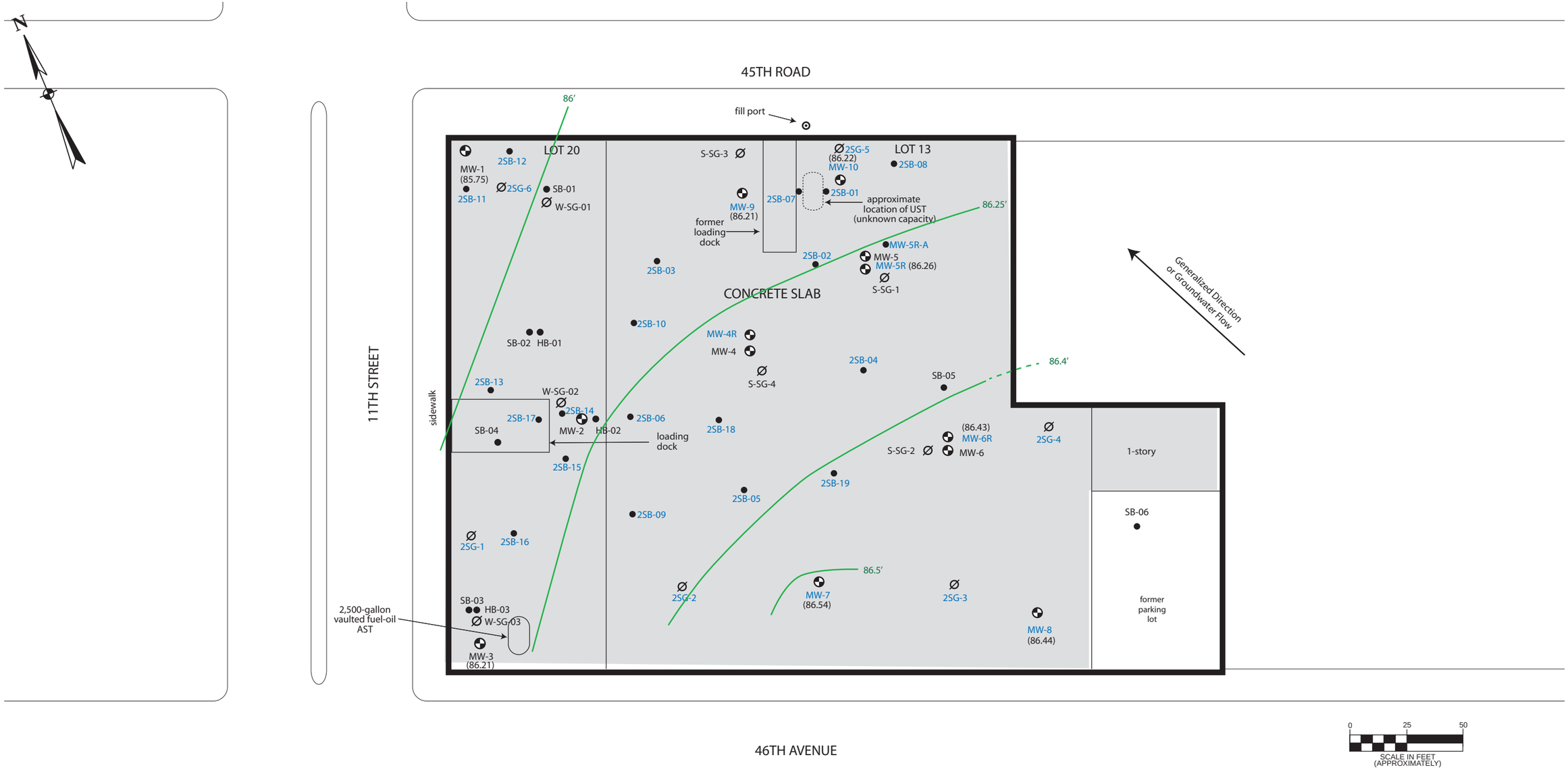
Ecosystems Strategies, Inc.



Legend:

- subject property border
- soil boring location
- soil gas sampling location
- groundwater monitoring well location
- contour lines
  Note: contour elevations based on arbitrary benchmark
- ESI Phase II Investigation (September - October 2014)
- BCP RI (October 2015)

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

Figure 14 - Direction of Groundwater Flow Map

GDC LIC Development
NYSDEC BCP Site: C241172
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

Scale as shown

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APPENDIX B

Data Tables

Table 1: VOCs in Soil Vapor

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in µg/m³	**Sample ID**	**W-SG-1**		**W-SG-2**		**W-SG-3**		**S-SG-1**		**S-SG-2**	
U= Not Detected ≥ indicated value	Sample Date	2014-09-16		2014-09-16		2014-09-16		2014-06-26		2014-06-26	
Data above AGVs shown in **Bold**	Dilution Factor	1		1		1		2.5		242.9	
VOCs, TO-15	**NYSDOH AGV**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA		NA		NA		NA		NA	
1,1,1-Trichloroethane	NA	1.76		1.09	*U*	7.26		2.73	*U*	265	*U*
1,1,2,2-Tetrachloroethane	NA	1.37	*U*	1.37	*U*	1.37	*U*	3.43	*U*	334	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA		NA		NA		NA		NA	
1,1,2-Trichloroethane	NA	1.09	*U*	1.09	*U*	1.09	*U*	2.73	*U*	265	*U*
1,1-Dichloroethane	NA	0.809	*U*	0.809	*U*	0.809	*U*	2.02	*U*	197	*U*
1,1-Dichloroethylene	NA	0.793	*U*	0.793	*U*	0.793	*U*	1.98	*U*	193	*U*
1,2,4-Trichlorobenzene	NA	1.48	*U*	1.48	*U*	1.48	*U*	3.71	*U*	361	*U*
1,2,4-Trimethylbenzene	NA	7.52		7.03		9.24		2.96		239	*U*
1,2-Dibromoethane	NA	1.54	*U*	1.54	*U*	1.54	*U*	3.84	*U*	373	*U*
1,2-Dichlorobenzene	NA	1.2	*U*	1.2	*U*	1.2	*U*	3.01	*U*	292	*U*
1,2-Dichloroethane	NA	0.809	*U*	0.809	*U*	0.809	*U*	2.02	*U*	197	*U*
1,2-Dichloropropane	NA	0.924	*U*	0.924	*U*	0.924	*U*	2.31	*U*	225	*U*
1,2-Dichlorotetrafluoroethane	NA	NA		NA		NA		NA		NA	
1,3,5-Trimethylbenzene	NA	2.27		1.96		2.78		2.46	*U*	239	*U*
1,3-Butadiene	NA	3.01		3.21		46		1.11	*U*	108	*U*
1,3-Dichlorobenzene	NA	1.2	*U*	1.2	*U*	1.2	*U*	3.01	*U*	292	*U*
1,3-Dichloropropane	NA	NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	NA	1.2	*U*	1.2	*U*	1.2	*U*	3.01	*U*	292	*U*
1,4-Dioxane	NA	0.721	*U*	0.721	*U*	0.721	*U*	1.8	*U*	175	*U*
2,2,4-Trimethylpentane	NA	0.934	*U*	0.934	*U*	0.934	*U*	2.34	*U*	227	*U*
2-Butanone	NA	32.4		28.6		74		16		143	*U*
2-Hexanone	NA	4.63		2.26		5.49		2.05	*U*	199	*U*
3-Chloropropene	NA	0.626	*U*	0.626	*U*	0.626	*U*	1.57	*U*	152	*U*
4-Ethyltoluene	NA	1.75		1.03		1.93		2.46	*U*	318	
4-Methyl-2-pentanone	NA	3.62		2.2		6.76		2.05	*U*	199	*U*
Acetone	NA	188		181		565		162		**7,550**	
Acrylonitrile	NA	NA		NA		NA		NA		NA	
Benzene	NA	**94.2**		4.25		25		4.76		155	*U*
Benzyl chloride	NA	1.04	*U*	1.04	*U*	1.04	*U*	2.59	*U*	252	*U*
Bromodichloromethane	NA	1.34	*U*	1.34	*U*	1.34	*U*	3.35	*U*	326	*U*
Bromoform	NA	2.07	*U*	2.07	*U*	2.07	*U*	5.17	*U*	502	*U*
Bromomethane	NA	0.777	*U*	0.777	*U*	0.777	*U*	1.94	*U*	189	*U*
Carbon disulfide	NA	19.6		1.79		15.8		3.86		151	*U*
Carbon tetrachloride	NA	1.26	*U*	1.26	*U*	1.26	*U*	3.15	*U*	306	*U*
Chlorobenzene	NA	0.921	*U*	0.921	*U*	0.921	*U*	2.3	*U*	224	*U*
Chloroethane	NA	0.528	*U*	0.528	*U*	3.69		1.32	*U*	128	*U*
Chloroform	NA	0.977	*U*	0.977	*U*	1.23		2.44	*U*	237	*U*
Chloromethane	NA	0.51		0.514		14.6		1.03	*U*	100	*U*
cis-1,2-Dichloroethylene	NA	0.793	*U*	0.793	*U*	0.793	*U*	1.98	*U*	193	*U*
cis-1,3-Dichloropropylene	NA	0.908	*U*	0.908	*U*	0.908	*U*	2.27	*U*	221	*U*
Cyclohexane	NA	3.19		0.688	*U*	31.6		13.3		**3,170**	
Dibromochloromethane	NA	1.7	*U*	1.7	*U*	1.7	*U*	4.26	*U*	414	*U*
Dichlorodifluoromethane	NA	1.28		1.14		1.32		2.47	*U*	240	*U*
Ethanol	NA	207		19		68.6		211		1,140	*U*
Ethyl acetate	NA	1.8	*U*	1.8	*U*	4.54		4.5	*U*	436	*U*
Ethyl Benzene	NA	2.3		1.3		1.92		8.69		**2,210**	
Freon-113	NA	1.53	*U*	1.53	*U*	1.53	*U*	3.83	*U*	373	*U*
Freon-114	NA	1.4	*U*	1.4	*U*	1.4	*U*	3.49	*U*	340	*U*
Heptane	NA	8.85		1.13		12.7		8.24		**1,700**	
Hexachlorobutadiene	NA	2.13	*U*	2.13	*U*	2.13	*U*	5.33	*U*	518	*U*
Isopropanol	NA	6.12		4.57		19		5.31		**1,820**	
Methyl Methacrylate	NA	NA		NA		NA		NA		NA	
Methyl tert-butyl ether (MTBE)	NA	0.721	*U*	0.721	*U*	0.721	*U*	1.8	*U*	175	*U*
Methylene chloride	60	1.74	*U*	1.74	*U*	1.74	*U*	8.69	*U*	844	*U*
n-Heptane	NA	NA		NA		NA		NA		NA	
n-Hexane	NA	13.2		1.54		27.7		213		**75,400**	
o-Xylene	NA	3.67		2.81		3.76		12.1		**3,010**	
p- & m- Xylenes	NA	6.47		4.78		6.43		28.7		**8,080**	
p-Ethyltoluene	NA	NA		NA		NA		NA		NA	
Propylene	NA	NA		NA		NA		NA		NA	
Styrene	NA	1.03		1		1.2		2.13	*U*	207	*U*
Tertiary butyl Alcohol	NA	4.88		5.64		4.49		4.85		367	*U*
Tetrachloroethylene	30	10.4		8.14		1.36	*U*	3.39	*U*	330	*U*
Tetrahydrofuran	NA	4.78		1.98		2.75		6.81		143	*U*
Toluene	NA	15.8		5.28		11		4.75		183	*U*
trans-1,2-Dichloroethylene	NA	0.793	*U*	0.793	*U*	0.793	*U*	1.98	*U*	193	*U*
trans-1,3-Dichloropropylene	NA	0.908	*U*	0.908	*U*	0.908	*U*	2.27	*U*	221	*U*
Trichloroethylene	5	1.07	*U*	1.07	*U*	1.07	*U*	3.49		**661**	
Trichlorofluoromethane	NA	1.78		1.37		1.66		5.2		273	*U*
Vinyl acetate	NA	NA		NA		NA		NA		NA	
Vinyl bromide	NA	0.874	*U*	0.874	*U*	0.874	*U*	2.19	*U*	212	*U*
Vinyl chloride	NA	0.511	*U*	0.511	*U*	1.32		1.28	*U*	124	*U*

Detected concentrations

Concentrations ≥ AGVs and/or relatively elevated

(highlighted to facilitate data review)

Notes: AGVs based on NYSDOH Guidance for Evaluating Soil Vapor Intrusion NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank

Table 1: VOCs in Soil Vapor

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in µg/m³	**Sample ID**	**S-SG-3**		**S-SG-4**		**2SG-1**		**2SG-2**		**2SG-3**	
U= Not Detected ≥ indicated value	Sample Date	2014-06-26		2014-06-26		2015-10-22		2015-10-22		2015-10-22	
Data above AGVs shown in **Bold**	Dilution Factor	5		5		20.57		20.16		18	
VOCs, TO-15	**NYSDOH AGV**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA		NA		14	*U*	14	*U*	12	*U*
1,1,1-Trichloroethane	NA	5.46	*U*	5.46	*U*	11	*U*	11	*U*	9.8	*U*
1,1,2,2-Tetrachloroethane	NA	6.87	*U*	6.87	*U*	14	*U*	14	*U*	12	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA		NA		16	*U*	15	*U*	14	*U*
1,1,2-Trichloroethane	NA	5.46	*U*	5.46	*U*	11	*U*	11	*U*	9.8	*U*
1,1-Dichloroethane	NA	4.05	*U*	4.05	*U*	8.3	*U*	8.2	*U*	7.3	*U*
1,1-Dichloroethylene	NA	3.96	*U*	3.96	*U*	8.2	*U*	8	*U*	7.1	*U*
1,2,4-Trichlorobenzene	NA	7.42	*U*	7.42	*U*	15	*U*	15	*U*	13	*U*
1,2,4-Trimethylbenzene	NA	4.92	*U*	4.92	*U*	10	*U*	9.9	*U*	8.8	*U*
1,2-Dibromoethane	NA	7.69	*U*	7.69	*U*	16	*U*	15	*U*	14	*U*
1,2-Dichlorobenzene	NA	6.01	*U*	6.01	*U*	12	*U*	12	*U*	11	*U*
1,2-Dichloroethane	NA	4.05	*U*	4.05	*U*	8.3	*U*	8.2	*U*	7.3	*U*
1,2-Dichloropropane	NA	4.62	*U*	4.62	*U*	9.5	*U*	9.3	*U*	8.3	*U*
1,2-Dichlorotetrafluoroethane	NA	NA		NA		14	*U*	14	*U*	13	*U*
1,3,5-Trimethylbenzene	NA	4.92	*U*	4.92	*U*	10	*U*	9.9	*U*	8.8	*U*
1,3-Butadiene	NA	2.21	*U*	2.21	*U*	27	*U*	26	*U*	23	*U*
1,3-Dichlorobenzene	NA	6.01	*U*	6.01	*U*	12	*U*	12	*U*	11	*U*
1,3-Dichloropropane	NA	NA		NA		9.5	*U*	9.3	*U*	8.3	*U*
1,4-Dichlorobenzene	NA	6.01	*U*	6.01	*U*	12	*U*	12	*U*	11	*U*
1,4-Dioxane	NA	7.06		3.6	*U*	15	*U*	15	*U*	13	*U*
2,2,4-Trimethylpentane	NA	4.67	*U*	4.67	*U*	NA		NA		NA	
2-Butanone	NA	27.1		19.9		18	*D*	21	*D*	19	*D*
2-Hexanone	NA	4.1	*U*	4.1	*U*	17	*U*	17	*U*	15	*U*
3-Chloropropene	NA	3.13	*U*	3.13	*U*	32	*U*	32	*U*	28	*U*
4-Ethyltoluene	NA	4.92	*U*	4.92	*U*	NA		NA		NA	
4-Methyl-2-pentanone	NA	4.1	*U*	4.1	*U*	8.4	*U*	8.3	*U*	7.4	*U*
Acetone	NA	111		189		710	*D*	930	*D*	890	*D*
Acrylonitrile	NA	NA		NA		4.5	*U*	4.4	*U*	3.9	*U*
Benzene	NA	9.9		5.37		**110**	*D*	13	*D*	5.8	*D*
Benzyl chloride	NA	5.18	*U*	5.18	*U*	11	*U*	10	*U*	9.3	*U*
Bromodichloromethane	NA	6.7	*U*	6.7	*U*	13	*U*	13	*U*	11	*U*
Bromoform	NA	10.3	*U*	10.3	*U*	21	*U*	21	*U*	19	*U*
Bromomethane	NA	3.88	*U*	3.88	*U*	8	*U*	7.8	*U*	7	*U*
Carbon disulfide	NA	6.1		4.45		13	*D*	6.3	*U*	5.6	*U*
Carbon tetrachloride	NA	6.29	*U*	6.29	*U*	3.2	*U*	13	*D*	2.8	*U*
Chlorobenzene	NA	4.61	*U*	4.61	*U*	9.5	*U*	9.3	*U*	8.3	*U*
Chloroethane	NA	2.64	*U*	2.64	*U*	5.4	*U*	5.3	*U*	4.7	*U*
Chloroform	NA	4.88	*U*	4.88	*U*	10	*U*	13	*D*	47	*D*
Chloromethane	NA	2.07	*U*	2.07	*U*	4.2	*U*	4.2	*U*	3.7	*U*
cis-1,2-Dichloroethylene	NA	3.96	*U*	3.96	*U*	8.2	*U*	8	*U*	7.1	*U*
cis-1,3-Dichloropropylene	NA	4.54	*U*	4.54	*U*	9.3	*U*	9.1	*U*	8.2	*U*
Cyclohexane	NA	4.92		3.92		16	*D*	6.9	*U*	6.2	*U*
Dibromochloromethane	NA	8.52	*U*	8.52	*U*	17	*U*	16	*U*	14	*U*
Dichlorodifluoromethane	NA	4.94	*U*	4.94	*U*	10	*U*	10	*U*	8.9	*U*
Ethanol	NA	403		159		NA		NA		NA	
Ethyl acetate	NA	9.01	*U*	9.01	*U*	15	*U*	15	*U*	13	*U*
Ethyl Benzene	NA	4.34	*U*	4.34	*U*	8.9	*U*	8.8	*U*	7.8	*U*
Freon-113	NA	7.66	*U*	7.66	*U*	NA		NA		NA	
Freon-114	NA	6.99	*U*	6.99	*U*	NA		NA		NA	
Heptane	NA	6.43		4.1	*U*	NA		NA		NA	
Hexachlorobutadiene	NA	10.7	*U*	10.7	*U*	22	*U*	22	*U*	19	*U*
Isopropanol	NA	26.1		58		10	*U*	9.9	*U*	66	*D*
Methyl Methacrylate	NA	NA		NA		8.4	*U*	8.3	*U*	7.4	*U*
Methyl tert-butyl ether (MTBE)	NA	3.61	*U*	3.61	*U*	7.4	*U*	7.3	*U*	6.5	*U*
Methylene chloride	60	17.4	*U*	17.4	*U*	14	*U*	14	*U*	14	*D*
n-Heptane	NA	NA		NA		8.4	*U*	8.3	*U*	7.4	*U*
n-Hexane	NA	11.8		25.1		23	*D*	7.1	*U*	13	*D*
o-Xylene	NA	4.34	*U*	4.34	*U*	8.9	*U*	8.8	*U*	7.8	*U*
p- & m- Xylenes	NA	8.69	*U*	8.69	*U*	21	*D*	18	*U*	16	*U*
p-Ethyltoluene	NA	NA		NA		10	*U*	9.9	*U*	8.8	*U*
Propylene	NA	NA		NA		3.5	*U*	3.5	*U*	3.1	*U*
Styrene	NA	4.26	*U*	4.26	*U*	8.8	*U*	8.6	*U*	7.7	*U*
Tertiary butyl Alcohol	NA	43.4		26.6		NA		NA		NA	
Tetrachloroethylene	30	6.78	*U*	**46**		3.5	*U*	**55**	*D*	3.1	*U*
Tetrahydrofuran	NA	8.2		2.95	*U*	12	*U*	12	*U*	11	*U*
Toluene	NA	81		15.1		27	*D*	28	*D*	12	*D*
trans-1,2-Dichloroethylene	NA	3.96	*U*	3.96	*U*	8.2	*U*	8	*U*	7.1	*U*
trans-1,3-Dichloropropylene	NA	4.54	*U*	4.54	*U*	9.3	*U*	9.1	*U*	8.2	*U*
Trichloroethylene	5	5.37	*U*	5.37	*U*	2.8	*U*	**760**	*D*	**35**	*D*
Trichlorofluoromethane	NA	5.62	*U*	5.62	*U*	12	*U*	11	*U*	15	*D*
Vinyl acetate	NA	NA		NA		7.2	*U*	7.1	*U*	6.3	*U*
Vinyl bromide	NA	4.37	*U*	4.37	*U*	9	*U*	8.8	*U*	7.9	*U*
Vinyl chloride	NA	2.56	*U*	2.56	*U*	5.3	*U*	5.2	*U*	4.6	*U*

Detected concentrations

Concentrations ≥ AGVs and/or relatively elevated

(highlighted to facilitate data review)

Notes: AGVs based on NYSDOH Guidance for Evaluating Soil Vapor Intrusion NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank

Table 1: VOCs in Soil Vapor

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in µg/m³	**Sample ID**	**2SG-4**		**2SG-5**		**2SG-6**	
U= Not Detected ≥ indicated value	Sample Date	2015-10-22		2015-10-22		2015-10-22	
Data above AGVs shown in **Bold**	Dilution Factor	20.16		20.57		21	
VOCs, TO-15	**NYSDOH AGV**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	14	*U*	14	*U*	14	*U*
1,1,1-Trichloroethane	NA	11	*U*	11	*U*	11	*U*
1,1,2,2-Tetrachloroethane	NA	14	*U*	14	*U*	14	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	15	*U*	16	*U*	16	*U*
1,1,2-Trichloroethane	NA	11	*U*	11	*U*	11	*U*
1,1-Dichloroethane	NA	8.2	*U*	8.3	*U*	8.5	*U*
1,1-Dichloroethylene	NA	8	*U*	8.2	*U*	8.3	*U*
1,2,4-Trichlorobenzene	NA	15	*U*	15	*U*	16	*U*
1,2,4-Trimethylbenzene	NA	9.9	*U*	10	*U*	10	*U*
1,2-Dibromoethane	NA	15	*U*	16	*U*	16	*U*
1,2-Dichlorobenzene	NA	12	*U*	12	*U*	13	*U*
1,2-Dichloroethane	NA	8.2	*U*	8.3	*U*	8.5	*U*
1,2-Dichloropropane	NA	9.3	*U*	9.5	*U*	9.7	*U*
1,2-Dichlorotetrafluoroethane	NA	14	*U*	14	*U*	15	*U*
1,3,5-Trimethylbenzene	NA	9.9	*U*	10	*U*	10	*U*
1,3-Butadiene	NA	26	*U*	27	*U*	27	*U*
1,3-Dichlorobenzene	NA	12	*U*	12	*U*	13	*U*
1,3-Dichloropropane	NA	9.3	*U*	9.5	*U*	9.7	*U*
1,4-Dichlorobenzene	NA	12	*U*	12	*U*	13	*U*
1,4-Dioxane	NA	15	*U*	15	*U*	15	*U*
2,2,4-Trimethylpentane	NA	NA		NA		NA	
2-Butanone	NA	17	*D*	16	*D*	39	*D*
2-Hexanone	NA	17	*U*	17	*U*	17	*U*
3-Chloropropene	NA	32	*U*	32	*U*	33	*U*
4-Ethyltoluene	NA	NA		NA		NA	
4-Methyl-2-pentanone	NA	8.3	*U*	8.4	*U*	8.6	*U*
Acetone	NA	**1,300**	*D*	**1,100**	*D*	**2,200**	*D*
Acrylonitrile	NA	4.4	*U*	4.5	*U*	4.6	*U*
Benzene	NA	6.4	*U*	6.6	*U*	15	*D*
Benzyl chloride	NA	10	*U*	11	*U*	11	*U*
Bromodichloromethane	NA	13	*U*	13	*U*	13	*U*
Bromoform	NA	21	*U*	21	*U*	22	*U*
Bromomethane	NA	7.8	*U*	8	*U*	8.2	*U*
Carbon disulfide	NA	6.3	*U*	6.4	*U*	18	*D*
Carbon tetrachloride	NA	3.2	*U*	3.2	*U*	3.3	*U*
Chlorobenzene	NA	9.3	*U*	9.5	*U*	9.7	*U*
Chloroethane	NA	5.3	*U*	5.4	*U*	5.5	*U*
Chloroform	NA	19	*D*	34	*D*	10	*U*
Chloromethane	NA	4.2	*U*	4.2	*U*	4.3	*U*
cis-1,2-Dichloroethylene	NA	8	*U*	8.2	*U*	8.3	*U*
cis-1,3-Dichloropropylene	NA	9.1	*U*	9.3	*U*	9.5	*U*
Cyclohexane	NA	6.9	*U*	7.1	*U*	7.2	*D*
Dibromochloromethane	NA	16	*U*	17	*U*	17	*U*
Dichlorodifluoromethane	NA	10	*U*	10	*U*	10	*U*
Ethanol	NA	NA		NA		NA	
Ethyl acetate	NA	15	*U*	15	*U*	15	*U*
Ethyl Benzene	NA	8.8	*U*	8.9	*U*	9.1	*U*
Freon-113	NA	NA		NA		NA	
Freon-114	NA	NA		NA		NA	
Heptane	NA	NA		NA		NA	
Hexachlorobutadiene	NA	22	*U*	22	*U*	22	*U*
Isopropanol	NA	**870**	*D*	15	*D*	11	*D*
Methyl Methacrylate	NA	8.3	*U*	8.4	*U*	8.6	*U*
Methyl tert-butyl ether (MTBE)	NA	7.3	*U*	7.4	*U*	7.6	*U*
Methylene chloride	60	14	*U*	14	*U*	15	*U*
n-Heptane	NA	8.3	*U*	8.4	*U*	8.6	*U*
n-Hexane	NA	7.1	*U*	7.3	*U*	14	*D*
o-Xylene	NA	8.8	*U*	8.9	*U*	9.1	*U*
p- & m- Xylenes	NA	18	*U*	18	*U*	18	*U*
p-Ethyltoluene	NA	9.9	*U*	10	*U*	10	*U*
Propylene	NA	3.5	*U*	3.5	*U*	3.6	*U*
Styrene	NA	8.6	*U*	8.8	*U*	8.9	*U*
Tertiary butyl Alcohol	NA	NA		NA		NA	
Tetrachloroethylene	30	3.4	*U*	14	*D*	**30**	*D*
Tetrahydrofuran	NA	12	*U*	12	*U*	12	*U*
Toluene	NA	7.6	*U*	7.8	*U*	19	*D*
trans-1,2-Dichloroethylene	NA	8	*U*	8.2	*U*	8.3	*U*
trans-1,3-Dichloropropylene	NA	9.1	*U*	9.3	*U*	9.5	*U*
Trichloroethylene	5	2.7	*U*	**340**	*D*	2.8	*U*
Trichlorofluoromethane	NA	11	*U*	12	*U*	12	*U*
Vinyl acetate	NA	7.1	*U*	7.2	*U*	7.4	*U*
Vinyl bromide	NA	8.8	*U*	9	*U*	9.2	*U*
Vinyl chloride	NA	5.2	*U*	5.3	*U*	5.4	*U*

Detected concentrations

Concentrations ≥ AGVs and/or relatively elevated

(highlighted to facilitate data review)

Notes: AGVs based on NYSDOH Guidance for Evaluating Soil Vapor Intrusion NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**HB-01 0-2**		**HB-02 0-2**		**HB-03 0-2**		**SB-01 11-13**		**SB-02 11-13**	
U= Not Detected ≥ indicated value		Sample Date	2014-10-02		2014-10-02		2014-10-02		2014-09-16		2014-09-16	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	3.2	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,1,1-Trichloroethane	0.68	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,1,2-Trichloroethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,1-Dichloroethane	0.27	26	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,1-Dichloropropylene	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,2,3-Trichlorobenzene	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,2,3-Trichloropropane	NA	80	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,2,4-Trimethylbenzene	3.6	52	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,2-Dibromoethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,2-Dichlorobenzene	1.1	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,2-Dichloroethane	0.2	31	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,2-Dichloropropane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,3,5-Trimethylbenzene	8.4	52	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,3-Dichlorobenzene	2.4	49	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,3-Dichloropropane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,4-Dichlorobenzene	1.8	13	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
1,4-Dioxane	0.1	13	0.065	*U*	0.056	*U*	0.051	*U*	0.041	*U*	0.043	*U*
2,2-Dichloropropane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
2-Butanone (MEK)	0.12	100	0.17		0.37	*E*	0.0025	*U*	0.026		0.0076	
2-Hexanone	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
4-Methyl-2-pentanone	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Acetone	0.05	100	0.084		0.1		0.036		0.052	*B*	0.036	*B*
Acrolein	NA	NA	NA		NA		NA		NA		NA	
Acrylonitrile	NA	NA	NA		NA		NA		NA		NA	
Benzene	0.06	48	0.0032	*U*	0.039		0.0025	*U*	0.0021	*U*	0.0022	*U*
Bromobenzene	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Bromochloromethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Bromodichloromethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Bromoform	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Bromomethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Carbon disulfide	NA	100	NA		NA		NA		NA		NA	
Carbon tetrachloride	0.76	24	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Chlorobenzene	1.1	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Chloroethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Chloroform	0.37	49	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Chloromethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
cis-1,3-Dichloropropylene	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Cyclohexane	10**	50**	NA		NA		NA		NA		NA	
Dibromochloromethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Dibromomethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Dichlorodifluoromethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Ethyl Benzene	1	41	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Hexachlorobutadiene	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Isopropylbenzene	2.3	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Methyl acetate	NA	NA	NA		NA		NA		NA		NA	
Methyl tert-butyl ether (MTBE)	0.93	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Methylcyclohexane	10**	50**	NA		NA		NA		NA		NA	
Methylene chloride	0.05	500	0.0065	*U*	0.0056	*U*	0.0051	*U*	0.0041	*U*	0.0043	*U*
Naphthalene	12	100	0.11		0.011	*J*	0.17		0.0021	*U*	0.0022	*U*
n-Butylbenzene	12	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
n-Propylbenzene	3.9	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
o-Xylene	0.26	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
p- & m- Xylenes	0.26	100	0.0065	*U*	0.0056	*U*	0.0051	*U*	0.0041	*U*	0.0043	*U*
p-Isopropyltoluene	10	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
sec-Butylbenzene	11	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Styrene	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
tert-Butyl alcohol (TBA)	NA	NA	NA		NA		NA		NA		NA	
tert-Butylbenzene	5.9	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Tetrachloroethylene (PCE)	1.3	19	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Toluene	0.7	100	0.0032	*U*	0.0088		0.0025	*U*	0.0021	*U*	0.0022	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
trans-1,3-Dichloropropylene	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Trichloroethylene (TCE)	0.47	21	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Trichlorofluoromethane	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Vinyl acetate	NA	NA	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Vinyl chloride (VC)	0.02	0.9	0.0032	*U*	0.0028	*U*	0.0025	*U*	0.0021	*U*	0.0022	*U*
Xylenes, Total	0.26	100	0.0097	*U*	0.0083	*U*	0.0076	*U*	0.0062	*U*	0.0065	*U*
Total VOCs	-	-	0.364		0.529		0.206		0.078		0.044	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**SB-03 11-13**		**SB-04 11-13**		**SB-05 13-15**		**SB-06 7-9**		**2SB-01 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-16		2014-09-25		2014-10-10		2014-10-10		2015-10-23	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		100		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,1,1-Trichloroethane	0.68	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,1,2-Trichloroethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,1-Dichloroethane	0.27	26	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,1-Dichloropropylene	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	NA	
1,2,3-Trichlorobenzene	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,2,3-Trichloropropane	NA	80	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,2,4-Trimethylbenzene	3.6	52	0.0029	*U*	0.0022	*U*	0.43	*JD*	0.0022	*U*	0.0026	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,2-Dibromoethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,2-Dichlorobenzene	1.1	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,2-Dichloroethane	0.2	31	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,2-Dichloropropane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,3,5-Trimethylbenzene	8.4	52	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,3-Dichlorobenzene	2.4	49	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,3-Dichloropropane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	NA	
1,4-Dichlorobenzene	1.8	13	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
1,4-Dioxane	0.1	13	0.059	*U*	0.087	*U*	6.2	*U*	0.044	*U*	0.051	*U*
2,2-Dichloropropane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	NA	
2-Butanone (MEK)	0.12	100	0.083		0.038		0.31	*U*	0.0022	*U*	0.0026	*U*
2-Hexanone	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
4-Methyl-2-pentanone	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Acetone	0.05	100	0.24	*B*	0.13		0.62	*U*	0.017		0.018	
Acrolein	NA	NA	NA		NA		NA		NA		0.0051	*U*
Acrylonitrile	NA	NA	NA		NA		NA		NA		0.0026	*U*
Benzene	0.06	48	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Bromobenzene	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	NA	
Bromochloromethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Bromodichloromethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Bromoform	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Bromomethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Carbon disulfide	NA	100	NA		NA		NA		NA		0.0026	*U*
Carbon tetrachloride	0.76	24	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Chlorobenzene	1.1	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Chloroethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Chloroform	0.37	49	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Chloromethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
cis-1,3-Dichloropropylene	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Cyclohexane	10**	50**	NA		NA		NA		NA		0.0026	*U*
Dibromochloromethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Dibromomethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Dichlorodifluoromethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Ethyl Benzene	1	41	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Hexachlorobutadiene	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Isopropylbenzene	2.3	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Methyl acetate	NA	NA	NA		NA		NA		NA		0.0026	*U*
Methyl tert-butyl ether (MTBE)	0.93	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Methylcyclohexane	10**	50**	NA		NA		NA		NA		0.0026	*U*
Methylene chloride	0.05	500	0.0059	*U*	0.0043	*U*	0.62	*U*	0.0044	*U*	0.0051	*U*
Naphthalene	12	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	NA	
n-Butylbenzene	12	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
n-Propylbenzene	3.9	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
o-Xylene	0.26	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
p- & m- Xylenes	0.26	100	0.0059	*U*	0.0043	*U*	1.4	*D*	0.0044	*U*	0.0051	*U*
p-Isopropyltoluene	10	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
sec-Butylbenzene	11	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Styrene	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
tert-Butyl alcohol (TBA)	NA	NA	NA		NA		NA		NA		0.0026	*U*
tert-Butylbenzene	5.9	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Tetrachloroethylene (PCE)	1.3	19	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Toluene	0.7	100	0.0029	*U*	0.0022	*U*	0.38	*JD*	0.0022	*U*	0.0026	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
trans-1,3-Dichloropropylene	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Trichloroethylene (TCE)	0.47	21	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Trichlorofluoromethane	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Vinyl acetate	NA	NA	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	NA	
Vinyl chloride (VC)	0.02	0.9	0.0029	*U*	0.0022	*U*	0.31	*U*	0.0022	*U*	0.0026	*U*
Xylenes, Total	0.26	100	0.0088	*U*	0.0065	*U*	1.6	*JD*	0.0066	*U*	0.0077	*U*
Total VOCs	-	-	0.323		0.168		3.38		0.017		0.018	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-02 11-12**		**2SB-02 12-16**		**2SB-02 20-24**		**2SB-03 12-14**		**2SB-04 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-23		2015-10-23		2015-10-23		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	100		100		100		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,1,1-Trichloroethane	0.68	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,1,2,2-Tetrachloroethane	NA	35	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,1,2-Trichloroethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,1-Dichloroethane	0.27	26	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,1-Dichloropropylene	NA	NA	NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,2,3-Trichloropropane	NA	80	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,2,4-Trichlorobenzene	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,2,4-Trimethylbenzene	3.6	52	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,2-Dibromo-3-chloropropane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,2-Dibromoethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,2-Dichlorobenzene	1.1	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,2-Dichloroethane	0.2	31	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,2-Dichloropropane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,3,5-Trimethylbenzene	8.4	52	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,3-Dichlorobenzene	2.4	49	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,3-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1.8	13	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
1,4-Dioxane	0.1	13	4.8	U	4.2	U	9	U	0.05	U	0.047	U
2,2-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
2-Butanone (MEK)	0.12	100	0.24	U	0.21	U	0.45	U	0.0065		0.0023	U
2-Hexanone	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
4-Methyl-2-pentanone	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Acetone	0.05	100	0.48	U	0.42	U	0.9	U	0.035		0.0047	U
Acrolein	NA	NA	0.48	U	0.42	U	0.9	U	0.005	U	0.0047	U
Acrylonitrile	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Benzene	0.06	48	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Bromobenzene	NA	NA	NA		NA		NA		NA		NA	
Bromochloromethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Bromodichloromethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Bromoform	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Bromomethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Carbon disulfide	NA	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Carbon tetrachloride	0.76	24	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Chlorobenzene	1.1	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Chloroethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Chloroform	0.37	49	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Chloromethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
cis-1,3-Dichloropropylene	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Cyclohexane	10**	50**	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Dibromochloromethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Dibromomethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Dichlorodifluoromethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Ethyl Benzene	1	41	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Hexachlorobutadiene	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Isopropylbenzene	2.3	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Methyl acetate	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Methylcyclohexane	10**	50**	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Methylene chloride	0.05	500	0.48	U	0.42	U	0.9	U	0.005	U	0.0047	U
Naphthalene	12	100	NA		NA		NA		NA		NA	
n-Butylbenzene	12	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
n-Propylbenzene	3.9	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
o-Xylene	0.26	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
p- & m- Xylenes	0.26	100	0.48	U	0.42	U	0.9	U	0.005	U	0.0047	U
p-Isopropyltoluene	10	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
sec-Butylbenzene	11	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Styrene	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
tert-Butyl alcohol (TBA)	NA	NA	0.24	U	0.21	U	0.45	U	0.0028	J	0.0023	U
tert-Butylbenzene	5.9	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Tetrachloroethylene (PCE)	1.3	19	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Toluene	0.7	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
trans-1,3-Dichloropropylene	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Trichloroethylene (TCE)	0.47	21	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Trichlorofluoromethane	NA	NA	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Vinyl acetate	NA	NA	NA		NA		NA		NA		NA	
Vinyl chloride (VC)	0.02	0.9	0.24	U	0.21	U	0.45	U	0.0025	U	0.0023	U
Xylenes, Total	0.26	100	0.71	U	0.63	U	1.3	U	0.0074	U	0.007	U
Total VOCs	-	-	ND		ND		ND		0.044		ND	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-04 15-16**		**2SB-05 11-12**		**DUP-20151026**		**2SB-06 11-12**		**2SB-06 17-18**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		2000	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,1,1-Trichloroethane	0.68	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,1,2-Trichloroethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,1-Dichloroethane	0.27	26	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,1-Dichloropropylene	NA	NA	NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,2,3-Trichloropropane	NA	80	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,2,4-Trichlorobenzene	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,2,4-Trimethylbenzene	3.6	52	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,2-Dibromoethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,2-Dichlorobenzene	1.1	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,2-Dichloroethane	0.2	31	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,2-Dichloropropane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,3,5-Trimethylbenzene	8.4	52	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,3-Dichlorobenzene	2.4	49	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,3-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1.8	13	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
1,4-Dioxane	0.1	13	0.1	*U*	0.051	*U*	0.067	*U*	0.046	*U*	26	*U*
2,2-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
2-Butanone (MEK)	0.12	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
2-Hexanone	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
4-Methyl-2-pentanone	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Acetone	0.05	100	0.01	*U*	0.01		0.0067	*U*	0.012		2.6	*U*
Acrolein	NA	NA	0.01	*U*	0.0051	*U*	0.0067	*U*	0.0046	*U*	2.6	*U*
Acrylonitrile	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Benzene	0.06	48	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Bromobenzene	NA	NA	NA		NA		NA		NA		NA	
Bromochloromethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Bromodichloromethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Bromoform	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Bromomethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Carbon disulfide	NA	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Carbon tetrachloride	0.76	24	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Chlorobenzene	1.1	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Chloroethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Chloroform	0.37	49	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Chloromethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
cis-1,3-Dichloropropylene	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Cyclohexane	10**	50**	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	33	*D*
Dibromochloromethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Dibromomethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Dichlorodifluoromethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Ethyl Benzene	1	41	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Hexachlorobutadiene	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Isopropylbenzene	2.3	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Methyl acetate	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Methyl tert-butyl ether (MTBE)	0.93	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Methylcyclohexane	10**	50**	0.12		0.0025	*U*	0.0034	*U*	0.0023	*U*	**130**	*D*
Methylene chloride	0.05	500	0.01	*U*	0.0051	*U*	0.0067	*U*	0.0046	*U*	2.6	*U*
Naphthalene	12	100	NA		NA		NA		NA		NA	
n-Butylbenzene	12	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
n-Propylbenzene	3.9	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
o-Xylene	0.26	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
p- & m- Xylenes	0.26	100	0.01	*U*	0.0051	*U*	0.0067	*U*	0.0046	*U*	2.6	*U*
p-Isopropyltoluene	10	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
sec-Butylbenzene	11	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Styrene	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
tert-Butyl alcohol (TBA)	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
tert-Butylbenzene	5.9	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Tetrachloroethylene (PCE)	1.3	19	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Toluene	0.7	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
trans-1,3-Dichloropropylene	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Trichloroethylene (TCE)	0.47	21	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Trichlorofluoromethane	NA	NA	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Vinyl acetate	NA	NA	NA		NA		NA		NA		NA	
Vinyl chloride (VC)	0.02	0.9	0.005	*U*	0.0025	*U*	0.0034	*U*	0.0023	*U*	1.3	*U*
Xylenes, Total	0.26	100	0.015	*U*	0.0076	*U*	0.01	*U*	0.0069	*U*	4	*U*
Total VOCs	-	-	0.120		0.010		ND		0.012		163	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-07 11-12**		**2SB-08 11-12**		**2SB-09 11-12**		**2SB-10 11-12**		**2SB-11 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-26		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,1,1-Trichloroethane	0.68	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,1,2-Trichloroethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,1-Dichloroethane	0.27	26	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,1-Dichloropropylene	NA	NA	NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,2,3-Trichloropropane	NA	80	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,2,4-Trichlorobenzene	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,2,4-Trimethylbenzene	3.6	52	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,2-Dibromoethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,2-Dichlorobenzene	1.1	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,2-Dichloroethane	0.2	31	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,2-Dichloropropane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,3,5-Trimethylbenzene	8.4	52	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,3-Dichlorobenzene	2.4	49	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,3-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1.8	13	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
1,4-Dioxane	0.1	13	0.039	*U*	0.049	*U*	0.04	*U*	0.057	*U*	0.041	*U*
2,2-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
2-Butanone (MEK)	0.12	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
2-Hexanone	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
4-Methyl-2-pentanone	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Acetone	0.05	100	0.0076	*J*	0.0071	*J*	0.0074	*J*	0.015		0.0094	
Acrolein	NA	NA	0.0039	*U*	0.0049	*U*	0.004	*U*	0.0057	*U*	0.0041	*U*
Acrylonitrile	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Benzene	0.06	48	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Bromobenzene	NA	NA	NA		NA		NA		NA		NA	
Bromochloromethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Bromodichloromethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Bromoform	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Bromomethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Carbon disulfide	NA	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Carbon tetrachloride	0.76	24	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Chlorobenzene	1.1	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Chloroethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Chloroform	0.37	49	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Chloromethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
cis-1,3-Dichloropropylene	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Cyclohexane	10**	50**	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Dibromochloromethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Dibromomethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Dichlorodifluoromethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Ethyl Benzene	1	41	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Hexachlorobutadiene	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Isopropylbenzene	2.3	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Methyl acetate	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Methyl tert-butyl ether (MTBE)	0.93	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Methylcyclohexane	10**	50**	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Methylene chloride	0.05	500	0.0039	*U*	0.0049	*U*	0.004	*U*	0.0057	*U*	0.0041	*U*
Naphthalene	12	100	NA		NA		NA		NA		NA	
n-Butylbenzene	12	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
n-Propylbenzene	3.9	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
o-Xylene	0.26	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
p- & m- Xylenes	0.26	100	0.0039	*U*	0.0049	*U*	0.004	*U*	0.0057	*U*	0.0041	*U*
p-Isopropyltoluene	10	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
sec-Butylbenzene	11	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Styrene	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
tert-Butyl alcohol (TBA)	NA	NA	0.002	*U*	0.012		0.002	*U*	0.0029	*U*	0.0021	*U*
tert-Butylbenzene	5.9	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Tetrachloroethylene (PCE)	1.3	19	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Toluene	0.7	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
trans-1,3-Dichloropropylene	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Trichloroethylene (TCE)	0.47	21	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Trichlorofluoromethane	NA	NA	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Vinyl acetate	NA	NA	NA		NA		NA		NA		NA	
Vinyl chloride (VC)	0.02	0.9	0.002	*U*	0.0024	*U*	0.002	*U*	0.0029	*U*	0.0021	*U*
Xylenes, Total	0.26	100	0.0059	*U*	0.0073	*U*	0.006	*U*	0.0086	*U*	0.0062	*U*
Total VOCs	-	-	0.008		0.019		0.007		0.015		0.009	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**DUP-20151027**		**2SB-11 12-13**		**2SB-12 11-12**		**2SB-12 12-13**		**2SB-13 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,1,1-Trichloroethane	0.68	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,1,2-Trichloroethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,1-Dichloroethane	0.27	26	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,1-Dichloropropylene	NA	NA	NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,2,3-Trichloropropane	NA	80	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,2,4-Trimethylbenzene	3.6	52	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,2-Dibromoethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,2-Dichlorobenzene	1.1	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,2-Dichloroethane	0.2	31	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,2-Dichloropropane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,3,5-Trimethylbenzene	8.4	52	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,3-Dichlorobenzene	2.4	49	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,3-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1.8	13	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
1,4-Dioxane	0.1	13	0.039	*U*	0.039	*U*	0.046	*U*	0.042	*U*	0.055	*U*
2,2-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
2-Butanone (MEK)	0.12	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.005	*J*
2-Hexanone	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
4-Methyl-2-pentanone	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Acetone	0.05	100	0.008		0.01		0.0076	*J*	0.0064	*J*	0.073	
Acrolein	NA	NA	0.0039	*U*	0.0039	*U*	0.0046	*U*	0.0042	*U*	0.0055	*U*
Acrylonitrile	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Benzene	0.06	48	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Bromobenzene	NA	NA	NA		NA		NA		NA		NA	
Bromochloromethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Bromodichloromethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Bromoform	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Bromomethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Carbon disulfide	NA	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Carbon tetrachloride	0.76	24	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Chlorobenzene	1.1	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Chloroethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Chloroform	0.37	49	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Chloromethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
cis-1,3-Dichloropropylene	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Cyclohexane	10**	50**	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Dibromochloromethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Dibromomethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Dichlorodifluoromethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Ethyl Benzene	1	41	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Hexachlorobutadiene	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Isopropylbenzene	2.3	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Methyl acetate	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Methyl tert-butyl ether (MTBE)	0.93	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Methylcyclohexane	10**	50**	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Methylene chloride	0.05	500	0.0039	*U*	0.0039	*U*	0.0046	*U*	0.0042	*U*	0.0055	*U*
Naphthalene	12	100	NA		NA		NA		NA		NA	
n-Butylbenzene	12	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
n-Propylbenzene	3.9	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
o-Xylene	0.26	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
p- & m- Xylenes	0.26	100	0.0039	*U*	0.0039	*U*	0.0046	*U*	0.0042	*U*	0.0055	*U*
p-Isopropyltoluene	10	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
sec-Butylbenzene	11	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Styrene	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
tert-Butyl alcohol (TBA)	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
tert-Butylbenzene	5.9	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Tetrachloroethylene (PCE)	1.3	19	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Toluene	0.7	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
trans-1,3-Dichloropropylene	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Trichloroethylene (TCE)	0.47	21	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Trichlorofluoromethane	NA	NA	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Vinyl acetate	NA	NA	NA		NA		NA		NA		NA	
Vinyl chloride (VC)	0.02	0.9	0.0019	*U*	0.002	*U*	0.0023	*U*	0.0021	*U*	0.0028	*U*
Xylenes, Total	0.26	100	0.0058	*U*	0.0059	*U*	0.0068	*U*	0.0063	*U*	0.0083	*U*
Total VOCs	-	-	0.008		0.010		0.008		0.006		0.078	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-13 16.5**		**2SB-13 19-20**		**2SB-14 11-12**		**2SB-14 13**		**2SB-14 19**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,1,1-Trichloroethane	0.68	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,1,2-Trichloroethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,1-Dichloroethane	0.27	26	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,1-Dichloropropylene	NA	NA	NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,2,3-Trichloropropane	NA	80	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,2,4-Trimethylbenzene	3.6	52	0.0031	*J*	0.063		0.0026	*U*	0.11		0.0056	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,2-Dibromoethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,2-Dichlorobenzene	1.1	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,2-Dichloroethane	0.2	31	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,2-Dichloropropane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,3,5-Trimethylbenzene	8.4	52	0.0024	*U*	0.029		0.0026	*U*	0.082		0.0056	*U*
1,3-Dichlorobenzene	2.4	49	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,3-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1.8	13	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
1,4-Dioxane	0.1	13	0.048	*U*	0.24	*U*	0.052	*U*	0.065	*U*	0.11	*U*
2,2-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
2-Butanone (MEK)	0.12	100	0.034		0.012	*U*	0.0055		0.094		0.016	
2-Hexanone	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
4-Methyl-2-pentanone	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Acetone	0.05	100	0.11		0.1		0.029		0.32	*E*	0.076	
Acrolein	NA	NA	0.0048	*U*	0.024	*U*	0.0052	*U*	0.0065	*U*	0.011	*U*
Acrylonitrile	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Benzene	0.06	48	0.0024	*U*	0.074		0.0026	*U*	0.12		0.0056	*U*
Bromobenzene	NA	NA	NA		NA		NA		NA		NA	
Bromochloromethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Bromodichloromethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Bromoform	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Bromomethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Carbon disulfide	NA	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.014		0.015	
Carbon tetrachloride	0.76	24	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Chlorobenzene	1.1	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Chloroethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Chloroform	0.37	49	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Chloromethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
cis-1,3-Dichloropropylene	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Cyclohexane	10**	50**	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Dibromochloromethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Dibromomethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Dichlorodifluoromethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Ethyl Benzene	1	41	0.0024	*U*	0.15		0.0026	*U*	0.015		0.0056	*U*
Hexachlorobutadiene	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Isopropylbenzene	2.3	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.019		0.0056	*U*
Methyl acetate	NA	NA	0.0024	*U*	0.012	*U*	0.0028	*J*	0.0033	*U*	0.0056	*U*
Methyl tert-butyl ether (MTBE)	0.93	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Methylcyclohexane	10**	50**	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0041	*J*	0.0056	*U*
Methylene chloride	0.05	500	0.0048	*U*	0.024	*U*	0.0052	*U*	0.0065	*U*	0.011	*U*
Naphthalene	12	100	NA		NA		NA		NA		NA	
n-Butylbenzene	12	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
n-Propylbenzene	3.9	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0043	*J*	0.0056	*U*
o-Xylene	0.26	100	0.0064		0.18		0.0026	*U*	0.025		0.0056	*U*
p- & m- Xylenes	0.26	100	0.0094	*J*	0.34		0.0052	*U*	0.067		0.011	*U*
p-Isopropyltoluene	10	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0082		0.0056	*U*
sec-Butylbenzene	11	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Styrene	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.013		0.0056	*U*
tert-Butyl alcohol (TBA)	NA	NA	0.0024	*U*	0.024	*U*	0.003	*J*	0.0065	*U*	0.0056	*U*
tert-Butylbenzene	5.9	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Tetrachloroethylene (PCE)	1.3	19	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Toluene	0.7	100	0.0024	*U*	0.32		0.0026	*U*	0.065		0.0056	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
trans-1,3-Dichloropropylene	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Trichloroethylene (TCE)	0.47	21	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Trichlorofluoromethane	NA	NA	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Vinyl acetate	NA	NA	NA		NA		NA		NA		NA	
Vinyl chloride (VC)	0.02	0.9	0.0024	*U*	0.012	*U*	0.0026	*U*	0.0033	*U*	0.0056	*U*
Xylenes, Total	0.26	100	0.016		0.52		0.0079	*U*	0.091		0.017	*U*
Total VOCs	-	-	0.176		1.684		0.040		0.860		0.107	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-15 10-11**		**2SB-15 12-13**		**2SB-15 19-20**		**2SB-17 6-7**		**2SB-17 15**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,1,1-Trichloroethane	0.68	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,1,2,2-Tetrachloroethane	NA	35	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,1,2-Trichloroethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,1-Dichloroethane	0.27	26	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,1-Dichloropropylene	NA	NA	NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,2,3-Trichloropropane	NA	80	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,2,4-Trichlorobenzene	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,2,4-Trimethylbenzene	3.6	52	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,2-Dibromo-3-chloropropane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,2-Dibromoethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,2-Dichlorobenzene	1.1	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,2-Dichloroethane	0.2	31	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,2-Dichloropropane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,3,5-Trimethylbenzene	8.4	52	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,3-Dichlorobenzene	2.4	49	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,3-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1.8	13	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
1,4-Dioxane	0.1	13	0.044	U	0.054	U	0.055	U	0.07	U	0.15	U
2,2-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
2-Butanone (MEK)	0.12	100	0.0022	U	0.039		0.011		0.036		0.012	J
2-Hexanone	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
4-Methyl-2-pentanone	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Acetone	0.05	100	0.017		0.17		0.065		0.13		0.068	
Acrolein	NA	NA	0.0044	U	0.0054	U	0.0055	U	0.007	U	0.015	U
Acrylonitrile	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Benzene	0.06	48	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Bromobenzene	NA	NA	NA		NA		NA		NA		NA	
Bromochloromethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Bromodichloromethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Bromoform	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Bromomethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Carbon disulfide	NA	100	0.0022	U	0.003	J	0.0069		0.0035	U	0.084	
Carbon tetrachloride	0.76	24	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Chlorobenzene	1.1	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Chloroethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Chloroform	0.37	49	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Chloromethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
cis-1,3-Dichloropropylene	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Cyclohexane	10**	50**	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Dibromochloromethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Dibromomethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Dichlorodifluoromethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Ethyl Benzene	1	41	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Hexachlorobutadiene	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Isopropylbenzene	2.3	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Methyl acetate	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Methylcyclohexane	10**	50**	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Methylene chloride	0.05	500	0.0044	U	0.0054	U	0.0055	U	0.007	U	0.015	U
Naphthalene	12	100	NA		NA		NA		NA		NA	
n-Butylbenzene	12	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
n-Propylbenzene	3.9	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
o-Xylene	0.26	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
p- & m- Xylenes	0.26	100	0.0044	U	0.0054	U	0.0055	U	0.007	U	0.015	U
p-Isopropyltoluene	10	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
sec-Butylbenzene	11	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Styrene	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
tert-Butyl alcohol (TBA)	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
tert-Butylbenzene	5.9	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Tetrachloroethylene (PCE)	1.3	19	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Toluene	0.7	100	0.0022	U	0.0027	U	0.0038	J	0.0035	U	0.0075	U
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
trans-1,3-Dichloropropylene	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Trichloroethylene (TCE)	0.47	21	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Trichlorofluoromethane	NA	NA	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Vinyl acetate	NA	NA	NA		NA		NA		NA		NA	
Vinyl chloride (VC)	0.02	0.9	0.0022	U	0.0027	U	0.0027	U	0.0035	U	0.0075	U
Xylenes, Total	0.26	100	0.0065	U	0.0082	U	0.0082	U	0.01	U	0.023	U
Total VOCs	-	-	0.017		0.212		0.087		0.166		0.164	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-18 11-12**		**2SB-18 15-16**		**MW-1 11-13**		**MW-2 11-13**		**MW-3 11-13**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2014-09-25		2014-09-25		2014-09-25	
Data above SCOs shown in **Bold**		Dilution Factor	1		5000		500		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,1,1-Trichloroethane	0.68	100	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,1,2-Trichloroethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,1-Dichloroethane	0.27	26	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,1-Dichloropropylene	NA	NA	NA		NA		0.26	*U*	0.002	*U*	0.0022	*U*
1,2,3-Trichlorobenzene	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,2,3-Trichloropropane	NA	80	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,2,4-Trimethylbenzene	3.6	52	0.0021	*U*	**130**	*D*	0.5	*JD*	0.002	*U*	0.0022	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,2-Dibromoethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,2-Dichlorobenzene	1.1	100	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,2-Dichloroethane	0.2	31	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,2-Dichloropropane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,3,5-Trimethylbenzene	8.4	52	0.0021	*U*	**82**	*D*	0.26	*U*	0.002	*U*	0.0022	*U*
1,3-Dichlorobenzene	2.4	49	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,3-Dichloropropane	NA	NA	NA		NA		0.26	*U*	0.002	*U*	0.0022	*U*
1,4-Dichlorobenzene	1.8	13	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
1,4-Dioxane	0.1	13	0.041	*U*	29	*U*	10	*U*	0.08	*U*	0.087	*U*
2,2-Dichloropropane	NA	NA	NA		NA		0.26	*U*	0.002	*U*	0.0022	*U*
2-Butanone (MEK)	0.12	100	0.0021	*U*	1.5	*U*	0.52	*U*	0.004	*U*	0.0043	*U*
2-Hexanone	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
4-Methyl-2-pentanone	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Acetone	0.05	100	0.0094		2.9	*U*	0.52	*U*	0.032		0.034	
Acrolein	NA	NA	0.0041	*U*	2.9	*U*	NA		NA		NA	
Acrylonitrile	NA	NA	0.0021	*U*	1.5	*U*	NA		NA		NA	
Benzene	0.06	48	0.0021	*U*	2.1	*JD*	0.76	*D*	0.002	*U*	0.0022	*U*
Bromobenzene	NA	NA	NA		NA		0.26	*U*	0.002	*U*	0.0022	*U*
Bromochloromethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Bromodichloromethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Bromoform	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Bromomethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Carbon disulfide	NA	100	0.0021	*U*	1.5	*U*	NA		NA		NA	
Carbon tetrachloride	0.76	24	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Chlorobenzene	1.1	100	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Chloroethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Chloroform	0.37	49	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Chloromethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
cis-1,3-Dichloropropylene	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Cyclohexane	10**	50**	0.0021	*U*	**57**	*D*	NA		NA		NA	
Dibromochloromethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Dibromomethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Dichlorodifluoromethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Ethyl Benzene	1	41	0.0021	*U*	18	*D*	0.26	*U*	0.002	*U*	0.0022	*U*
Hexachlorobutadiene	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Isopropylbenzene	2.3	100	0.0021	*U*	9.1	*D*	0.26	*U*	0.002	*U*	0.0022	*U*
Methyl acetate	NA	NA	0.0021	*U*	1.5	*U*	NA		NA		NA	
Methyl tert-butyl ether (MTBE)	0.93	100	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Methylcyclohexane	10**	50**	0.0021	*U*	**210**	*D*	NA		NA		NA	
Methylene chloride	0.05	500	0.0041	*U*	2.9	*U*	0.52	*U*	0.004	*U*	0.0043	*U*
Naphthalene	12	100	NA		NA		52	*D*	0.0083		0.0038	*J*
n-Butylbenzene	12	100	0.0021	*U*	6.1	*D*	0.26	*U*	0.002	*U*	0.0022	*U*
n-Propylbenzene	3.9	100	0.0021	*U*	14	*D*	0.26	*U*	0.002	*U*	0.0022	*U*
o-Xylene	0.26	100	0.0021	*U*	62	*D*	0.26	*U*	0.002	*U*	0.0022	*U*
p- & m- Xylenes	0.26	100	0.0041	*U*	**140**	*D*	0.69	*JD*	0.004	*U*	0.0043	*U*
p-Isopropyltoluene	10	NA	0.0021	*U*	11	*D*	0.26	*U*	0.002	*U*	0.0022	*U*
sec-Butylbenzene	11	100	0.0021	*U*	5.9	*D*	0.26	*U*	0.002	*U*	0.0022	*U*
Styrene	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
tert-Butyl alcohol (TBA)	NA	NA	0.0021	*U*	1.5	*U*	NA		NA		NA	
tert-Butylbenzene	5.9	100	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Tetrachloroethylene (PCE)	1.3	19	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Toluene	0.7	100	0.0021	*U*	17	*D*	0.37	*JD*	0.002	*U*	0.0022	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
trans-1,3-Dichloropropylene	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Trichloroethylene (TCE)	0.47	21	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Trichlorofluoromethane	NA	NA	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Vinyl acetate	NA	NA	NA		NA		0.26	*U*	0.002	*U*	0.0022	*U*
Vinyl chloride (VC)	0.02	0.9	0.0021	*U*	1.5	*U*	0.26	*U*	0.002	*U*	0.0022	*U*
Xylenes, Total	0.26	100	0.0062	*U*	**210**	*D*	0.94	*JD*	0.006	*U*	0.0065	*U*
Total VOCs	-	-	0.009		762		54.8		0.040		0.038	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-4 0-2**		**MW-4 7-9**		**MW-4R-B 11-12**		**MW-4R-B 15-16**		**MW-5 0-2**	
U= Not Detected ≥ indicated value		Sample Date	2014-10-10		2014-10-10		2015-10-23		2015-10-23		2014-10-10	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		2000		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,1,1-Trichloroethane	0.68	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,1,2-Trichloroethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,1-Dichloroethane	0.27	26	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,1-Dichloropropylene	NA	NA	0.0025	*U*	0.0023	*U*	NA		NA		0.0025	*U*
1,2,3-Trichlorobenzene	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,2,3-Trichloropropane	NA	80	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,2,4-Trimethylbenzene	3.6	52	0.0025	*U*	0.0023	*U*	0.0027	*U*	**180**	*D*	0.0025	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,2-Dibromoethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,2-Dichlorobenzene	1.1	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,2-Dichloroethane	0.2	31	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,2-Dichloropropane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,3,5-Trimethylbenzene	8.4	52	0.0025	*U*	0.0023	*U*	0.0027	*U*	**100**	*D*	0.0025	*U*
1,3-Dichlorobenzene	2.4	49	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,3-Dichloropropane	NA	NA	0.0025	*U*	0.0023	*U*	NA		NA		0.0025	*U*
1,4-Dichlorobenzene	1.8	13	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
1,4-Dioxane	0.1	13	0.049	*U*	0.045	*U*	0.055	*U*	34	*U*	0.05	*U*
2,2-Dichloropropane	NA	NA	0.0025	*U*	0.0023	*U*	NA		NA		0.0025	*U*
2-Butanone (MEK)	0.12	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
2-Hexanone	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
4-Methyl-2-pentanone	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Acetone	0.05	100	0.018		0.016		0.0055	*U*	3.4	*U*	0.019	
Acrolein	NA	NA	NA		NA		0.0055	*U*	3.4	*U*	NA	
Acrylonitrile	NA	NA	NA		NA		0.0027	*U*	1.7	*U*	NA	
Benzene	0.06	48	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Bromobenzene	NA	NA	0.0025	*U*	0.0023	*U*	NA		NA		0.0025	*U*
Bromochloromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Bromodichloromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Bromoform	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Bromomethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Carbon disulfide	NA	100	NA		NA		0.0027	*U*	1.7	*U*	NA	
Carbon tetrachloride	0.76	24	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Chlorobenzene	1.1	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Chloroethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Chloroform	0.37	49	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Chloromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
cis-1,3-Dichloropropylene	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Cyclohexane	10**	50**	NA		NA		0.0027	*U*	14	*D*	NA	
Dibromochloromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Dibromomethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Dichlorodifluoromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Ethyl Benzene	1	41	0.0025	*U*	0.0023	*U*	0.0027	*U*	**16**	*D*	0.0025	*U*
Hexachlorobutadiene	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Isopropylbenzene	2.3	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	**10**	*D*	0.0025	*U*
Methyl acetate	NA	NA	NA		NA		0.0027	*U*	1.7	*U*	NA	
Methyl tert-butyl ether (MTBE)	0.93	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Methylcyclohexane	10**	50**	NA		NA		0.0027	*U*	**230**	*D*	NA	
Methylene chloride	0.05	500	0.0049	*U*	0.0045	*U*	0.0055	*U*	3.4	*U*	0.005	*U*
Naphthalene	12	100	0.0025	*U*	0.0023	*U*	NA		NA		0.0025	*U*
n-Butylbenzene	12	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	17	*D*	0.0025	*U*
n-Propylbenzene	3.9	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	16	*D*	0.0025	*U*
o-Xylene	0.26	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	74	*D*	0.0025	*U*
p- & m- Xylenes	0.26	100	0.0049	*U*	0.0045	*U*	0.0055	*U*	**220**	*D*	0.005	*U*
p-Isopropyltoluene	10	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	9.2	*D*	0.0025	*U*
sec-Butylbenzene	11	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Styrene	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
tert-Butyl alcohol (TBA)	NA	NA	NA		NA		0.0027	*U*	1.7	*U*	NA	
tert-Butylbenzene	5.9	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Tetrachloroethylene (PCE)	1.3	19	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Toluene	0.7	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	35	*D*	0.0025	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
trans-1,3-Dichloropropylene	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Trichloroethylene (TCE)	0.47	21	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Trichlorofluoromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Vinyl acetate	NA	NA	0.0025	*U*	0.0023	*U*	NA		NA		0.0025	*U*
Vinyl chloride (VC)	0.02	0.9	0.0025	*U*	0.0023	*U*	0.0027	*U*	1.7	*U*	0.0025	*U*
Xylenes, Total	0.26	100	0.0074	*U*	0.0068	*U*	0.0082	*U*	**300**	*D*	0.0075	*U*
Total VOCs	-	-	0.018		0.016		ND		941		0.019	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-5 13-15**		**MW-5R-A 11-12**		**MW-5R-B 23-24**		**MW-6 0-2**		**MW-6 13-15**	
U= Not Detected ≥ indicated value		Sample Date	2014-10-10		2015-10-23		2015-10-23		2014-10-10		2014-10-10	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		100		1		100	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,1,1-Trichloroethane	0.68	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,1,2-Trichloroethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,1-Dichloroethane	0.27	26	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,1-Dichloropropylene	NA	NA	0.0025	*U*	NA		NA		0.0026	*U*	0.33	*U*
1,2,3-Trichlorobenzene	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,2,3-Trichloropropane	NA	80	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,2,4-Trimethylbenzene	3.6	52	0.0025	*U*	0.0023	*U*	0.38	*JD*	0.0026	*U*	0.33	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,2-Dibromoethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,2-Dichlorobenzene	1.1	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,2-Dichloroethane	0.2	31	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,2-Dichloropropane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,3,5-Trimethylbenzene	8.4	52	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,3-Dichlorobenzene	2.4	49	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,3-Dichloropropane	NA	NA	0.0025	*U*	NA		NA		0.0026	*U*	0.33	*U*
1,4-Dichlorobenzene	1.8	13	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
1,4-Dioxane	0.1	13	0.05	*U*	0.046	*U*	7.3	*U*	0.051	*U*	6.6	*U*
2,2-Dichloropropane	NA	NA	0.0025	*U*	NA		NA		0.0026	*U*	0.33	*U*
2-Butanone (MEK)	0.12	100	0.0044	*J*	0.0031	*J*	0.36	*U*	0.0026	*U*	0.33	*U*
2-Hexanone	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
4-Methyl-2-pentanone	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Acetone	0.05	100	0.047		0.022		0.73	*U*	0.019		0.66	*U*
Acrolein	NA	NA	NA		0.0046	*U*	0.73	*U*	NA		NA	
Acrylonitrile	NA	NA	NA		0.0023	*U*	0.36	*U*	NA		NA	
Benzene	0.06	48	0.0025	*U*	0.0023	*U*	0.86	*D*	0.0026	*U*	0.33	*U*
Bromobenzene	NA	NA	0.0025	*U*	NA		NA		0.0026	*U*	0.33	*U*
Bromochloromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Bromodichloromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Bromoform	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Bromomethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Carbon disulfide	NA	100	NA		0.0023	*U*	0.36	*U*	NA		NA	
Carbon tetrachloride	0.76	24	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Chlorobenzene	1.1	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Chloroethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Chloroform	0.37	49	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Chloromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
cis-1,3-Dichloropropylene	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Cyclohexane	10**	50**	NA		0.0023	*U*	0.36	*U*	NA		NA	
Dibromochloromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Dibromomethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Dichlorodifluoromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Ethyl Benzene	1	41	0.0025	*U*	0.0023	*U*	0.6	*JD*	0.0026	*U*	0.33	*U*
Hexachlorobutadiene	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Isopropylbenzene	2.3	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Methyl acetate	NA	NA	NA		0.0023	*U*	0.81	*D*	NA		NA	
Methyl tert-butyl ether (MTBE)	0.93	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Methylcyclohexane	10**	50**	NA		0.0023	*U*	0.36	*U*	NA		NA	
Methylene chloride	0.05	500	0.005	*U*	0.0046	*U*	0.73	*U*	0.0051	*U*	0.66	*U*
Naphthalene	12	100	0.0025	*U*	NA		NA		0.0026	*U*	0.33	*U*
n-Butylbenzene	12	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
n-Propylbenzene	3.9	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
o-Xylene	0.26	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
p- & m- Xylenes	0.26	100	0.005	*U*	0.0046	*U*	0.84	*JD*	0.0051	*U*	0.66	*U*
p-Isopropyltoluene	10	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
sec-Butylbenzene	11	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Styrene	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
tert-Butyl alcohol (TBA)	NA	NA	NA		0.0023	*U*	0.36	*U*	NA		NA	
tert-Butylbenzene	5.9	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Tetrachloroethylene (PCE)	1.3	19	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Toluene	0.7	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
trans-1,3-Dichloropropylene	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Trichloroethylene (TCE)	0.47	21	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Trichlorofluoromethane	NA	NA	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Vinyl acetate	NA	NA	0.0025	*U*	NA		NA		0.0026	*U*	0.33	*U*
Vinyl chloride (VC)	0.02	0.9	0.0025	*U*	0.0023	*U*	0.36	*U*	0.0026	*U*	0.33	*U*
Xylenes, Total	0.26	100	0.0074	*U*	0.007	*U*	1.2	*JD*	0.0077	*U*	0.99	*U*
Total VOCs	-	-	0.051		0.025		4.31		0.019		ND	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**SB-DUPLICATE**		**MW-6R 11-12**		**MW-6R 17-18**		**MW-7 10-12**		**MW-8 10-12**	
U= Not Detected ≥ indicated value		Sample Date	2014-10-10		2015-10-22		2015-10-22		2015-10-22		2015-10-22	
Data above SCOs shown in **Bold**		Dilution Factor	100		1		1000		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,1,1-Trichloroethane	0.68	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,1,2,2-Tetrachloroethane	NA	35	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,1,2-Trichloroethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,1-Dichloroethane	0.27	26	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,1-Dichloropropylene	NA	NA	0.32	U	NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,2,3-Trichloropropane	NA	80	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,2,4-Trichlorobenzene	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,2,4-Trimethylbenzene	3.6	52	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,2-Dibromo-3-chloropropane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,2-Dibromoethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,2-Dichlorobenzene	1.1	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,2-Dichloroethane	0.2	31	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,2-Dichloropropane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,3,5-Trimethylbenzene	8.4	52	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,3-Dichlorobenzene	2.4	49	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,3-Dichloropropane	NA	NA	0.32	U	NA		NA		NA		NA	
1,4-Dichlorobenzene	1.8	13	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
1,4-Dioxane	0.1	13	6.3	U	0.043	U	4.7	U	0.067	U	0.053	U
2,2-Dichloropropane	NA	NA	0.32	U	NA		NA		NA		NA	
2-Butanone (MEK)	0.12	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0028	J
2-Hexanone	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
4-Methyl-2-pentanone	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Acetone	0.05	100	0.63	U	0.0044	J	0.47	U	0.0067	U	0.024	
Acrolein	NA	NA	NA		0.0043	U	0.47	U	0.0067	U	0.0053	U
Acrylonitrile	NA	NA	NA		0.0021	U	0.23	U	0.0033	U	0.0027	U
Benzene	0.06	48	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Bromobenzene	NA	NA	0.32	U	NA		NA		NA		NA	
Bromochloromethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Bromodichloromethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Bromoform	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Bromomethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Carbon disulfide	NA	100	NA		0.0021	U	0.23	U	0.0033	U	0.0027	U
Carbon tetrachloride	0.76	24	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Chlorobenzene	1.1	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Chloroethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Chloroform	0.37	49	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Chloromethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
cis-1,3-Dichloropropylene	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Cyclohexane	10**	50**	NA		0.0021	U	0.23	U	0.0033	U	0.0027	U
Dibromochloromethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Dibromomethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Dichlorodifluoromethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Ethyl Benzene	1	41	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Hexachlorobutadiene	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Isopropylbenzene	2.3	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Methyl acetate	NA	NA	NA		0.0021	U	0.23	U	0.0033	U	0.0027	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Methylcyclohexane	10**	50**	NA		0.0021	U	**54**	D	0.0033	U	0.0027	U
Methylene chloride	0.05	500	0.63	U	0.0043	U	0.47	U	0.0067	U	0.0053	U
Naphthalene	12	100	0.32	U	NA		NA		NA		NA	
n-Butylbenzene	12	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
n-Propylbenzene	3.9	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
o-Xylene	0.26	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
p- & m- Xylenes	0.26	100	0.63	U	0.0043	U	0.62	JD	0.0067	U	0.0053	U
p-Isopropyltoluene	10	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
sec-Butylbenzene	11	100	0.32	U	0.0021	U	0.31	JD	0.0033	U	0.0027	U
Styrene	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
tert-Butyl alcohol (TBA)	NA	NA	NA		0.0021	U	0.23	U	0.0033	U	0.0027	U
tert-Butylbenzene	5.9	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Tetrachloroethylene (PCE)	1.3	19	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Toluene	0.7	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
trans-1,3-Dichloropropylene	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Trichloroethylene (TCE)	0.47	21	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Trichlorofluoromethane	NA	NA	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Vinyl acetate	NA	NA	0.32	U	NA		NA		NA		NA	
Vinyl chloride (VC)	0.02	0.9	0.32	U	0.0021	U	0.23	U	0.0033	U	0.0027	U
Xylenes, Total	0.26	100	0.95	U	0.0064	U	0.7	U	0.01	U	0.008	U
Total VOCs	-	-	ND		0.004		54.9		ND		0.027	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-09 11-12**		**MW-09 15-16**		**MW-10 11-12**		**MW-10 16-20**		**MW-10 23-24**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-23		2015-10-23		2015-10-26		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	1		100		1		1		1	
VOCs, 8260	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,1,1-Trichloroethane	0.68	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,1,2,2-Tetrachloroethane	NA	35	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,1,2-Trichloroethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,1-Dichloroethane	0.27	26	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,1-Dichloropropylene	NA	NA	NA		NA		NA		NA		NA	
1,2,3-Trichlorobenzene	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,2,3-Trichloropropane	NA	80	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,2,4-Trimethylbenzene	3.6	52	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,2-Dibromo-3-chloropropane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,2-Dibromoethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,2-Dichlorobenzene	1.1	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,2-Dichloroethane	0.2	31	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,2-Dichloropropane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,3,5-Trimethylbenzene	8.4	52	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,3-Dichlorobenzene	2.4	49	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,3-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
1,4-Dichlorobenzene	1.8	13	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
1,4-Dioxane	0.1	13	0.049	*U*	6.1	*U*	0.044	*U*	0.048	*U*	0.073	*U*
2,2-Dichloropropane	NA	NA	NA		NA		NA		NA		NA	
2-Butanone (MEK)	0.12	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.028		0.034	
2-Hexanone	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
4-Methyl-2-pentanone	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Acetone	0.05	100	0.009	*J*	0.61	*U*	0.005	*J*	0.2	*E*	0.11	
Acrolein	NA	NA	0.0049	*U*	0.61	*U*	0.0044	*U*	0.0048	*U*	0.0073	*U*
Acrylonitrile	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Benzene	0.06	48	0.0024	*U*	1.3	*D*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Bromobenzene	NA	NA	NA		NA		NA		NA		NA	
Bromochloromethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Bromodichloromethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Bromoform	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Bromomethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Carbon disulfide	NA	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.012		0.0075	
Carbon tetrachloride	0.76	24	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Chlorobenzene	1.1	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Chloroethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Chloroform	0.37	49	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Chloromethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
cis-1,3-Dichloropropylene	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Cyclohexane	10**	50**	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Dibromochloromethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Dibromomethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Dichlorodifluoromethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Ethyl Benzene	1	41	0.0024	*U*	0.41	*JD*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Hexachlorobutadiene	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Isopropylbenzene	2.3	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Methyl acetate	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Methyl tert-butyl ether (MTBE)	0.93	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Methylcyclohexane	10**	50**	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Methylene chloride	0.05	500	0.0049	*U*	0.61	*U*	0.0044	*U*	0.0048	*U*	0.0073	*U*
Naphthalene	12	100	NA		NA		NA		NA		NA	
n-Butylbenzene	12	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
n-Propylbenzene	3.9	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
o-Xylene	0.26	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
p- & m- Xylenes	0.26	100	0.0049	*U*	0.61	*U*	0.0044	*U*	0.0048	*U*	0.0073	*U*
p-Isopropyltoluene	10	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
sec-Butylbenzene	11	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Styrene	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
tert-Butyl alcohol (TBA)	NA	NA	0.0024	*U*	0.31	*U*	0.0049		0.0024	*U*	0.0073	*U*
tert-Butylbenzene	5.9	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Tetrachloroethylene (PCE)	1.3	19	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Toluene	0.7	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
rans-1,2-Dichloroethylene (trans-DCE	0.19	100	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
trans-1,3-Dichloropropylene	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Trichloroethylene (TCE)	0.47	21	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Trichlorofluoromethane	NA	NA	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Vinyl acetate	NA	NA	NA		NA		NA		NA		NA	
Vinyl chloride (VC)	0.02	0.9	0.0024	*U*	0.31	*U*	0.0022	*U*	0.0024	*U*	0.0037	*U*
Xylenes, Total	0.26	100	0.0073	*U*	0.92	*U*	0.0066	*U*	0.0072	*U*	0.011	*U*
Total VOCs	-	-	0.009		1.71		0.010		0.240		0.152	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: ** SCOs not established, values for comparison, only

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**SB-01 0-2**		**SB-01 11-13**		**SB-02 0-2**		**SB-02 11-13**		**SB-03 0-2**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-16		2014-09-16		2014-09-16		2014-09-16		2014-09-16	
Data above SCOs shown in **Bold**		Dilution Factor	2		1		20		1		25	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.0875	*U*	0.0475	*U*	0.893	*U*	0.0492	*U*	1.13	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
1,2-Dichlorobenzene	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
1,3-Dichlorobenzene	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
1,4-Dichlorobenzene	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.0875	*U*	0.0475	*U*	0.893	*U*	0.0492	*U*	1.13	*U*
2,4,5-Trichlorophenol	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2,4,6-Trichlorophenol	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2,4-Dichlorophenol	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2,4-Dimethylphenol	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2,4-Dinitrophenol	NA	100	0.0875	*U*	0.0475	*U*	0.893	*U*	0.0492	*U*	1.13	*U*
2,4-Dinitrotoluene	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2,6-Dinitrotoluene	NA	1	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2-Chloronaphthalene	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2-Chlorophenol	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2-Methylnaphthalene	NA	0.41	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2-Methylphenol	0.33	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
2-Nitroaniline	NA	NA	0.0875	*U*	0.0475	*U*	0.893	*U*	0.0492	*U*	1.13	*U*
2-Nitrophenol	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
3- & 4-Methylphenols	0.33	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
3,3'-Dichlorobenzidine	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
3-Nitroaniline	NA	NA	0.0875	*U*	0.0475	*U*	0.893	*U*	0.0492	*U*	1.13	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.0875	*U*	0.0475	*U*	0.893	*U*	0.0492	*U*	1.13	*U*
4-Bromophenyl phenyl ether	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
4-Chloro-3-methylphenol	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
4-Chloroaniline	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
4-Nitroaniline	NA	NA	0.0875	*U*	0.0475	*U*	0.893	*U*	0.0492	*U*	1.13	*U*
4-Nitrophenol	NA	NA	0.0875	*U*	0.0475	*U*	0.893	*U*	0.0492	*U*	1.13	*U*
Acenaphthene	20	100	0.0438	*U*	0.0238	*U*	0.756	*JD*	0.0246	*U*	1.93	*D*
Acenaphthylene	100	100	0.0438	*U*	0.0238	*U*	0.714	*JD*	0.0246	*U*	1.27	*D*
Acetophenone	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Aniline	NA	100	0.175	*U*	0.0951	*U*	1.79	*U*	0.0984	*U*	2.25	*U*
Anthracene	100	100	0.0438	*U*	0.0238	*U*	3.62	*D*	0.0246	*U*	5.03	*D*
Atrazine	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Benzaldehyde	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Benzidine	NA	NA	0.175	*U*	0.0951	*U*	1.79	*U*	0.0984	*U*	2.25	*U*
Benzo(a)anthracene	1	1	0.0846	*JD*	0.0238	*U*	**11.7**	*D*	0.0246	*U*	**16.4**	*D*
Benzo(a)pyrene	1	1	0.0438	*U*	0.0238	*U*	**8.06**	*D*	0.0246	*U*	**11.3**	*D*
Benzo(b)fluoranthene	1	1	0.0438	*U*	0.0238	*U*	**5.7**	*D*	0.0246	*U*	**13**	*D*
Benzo(g,h,i)perylene	100	100	0.0438	*U*	0.0238	*U*	2.68	*D*	0.0246	*U*	4.72	*D*
Benzo(k)fluoranthene	0.8	3.9	0.0438	*U*	0.0319	*J*	**7.83**	*D*	0.0246	*U*	**11.3**	*D*
Benzoic acid	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Benzyl alcohol	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Benzyl butyl phthalate	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Bis(2-chloroethyl)ether	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Caprolactam	NA	NA	0.0875	*U*	0.0475	*U*	0.893	*U*	0.0492	*U*	1.13	*U*
Carbazole	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	2.56	*D*
Chrysene	1	3.9	0.103	*D*	0.0238	*U*	**10.6**	*D*	0.0246	*U*	**15.6**	*D*
Dibenzo(a,h)anthracene	0.33	0.33	0.0438	*U*	0.0238	*U*	**1.87**	*D*	0.0246	*U*	**2.75**	*D*
Dibenzofuran	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.774	*JD*
Diethyl phthalate	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Dimethyl phthalate	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Di-n-butyl phthalate	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Di-n-octyl phthalate	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Fluoranthene	100	100	0.245	*D*	0.0421	*J*	21.8	*D*	0.0322	*J*	31.3	*D*
Fluorene	30	100	0.0438	*U*	0.0238	*U*	0.721	*JD*	0.0246	*U*	1.65	*D*
Hexachlorobenzene	NA	0	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Hexachlorobutadiene	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Hexachlorocyclopentadiene	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Hexachloroethane	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0438	*U*	0.0238	*U*	**3.28**	*D*	0.0246	*U*	**5.09**	*D*
Isophorone	NA	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Naphthalene	12	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Nitrobenzene	NA	15	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
N-Nitrosodimethylamine	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
N-nitroso-di-n-propylamine	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
N-Nitrosodiphenylamine	NA	NA	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Pentachlorophenol	0.8	6.7	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Phenanthrene	100	100	0.207	*D*	0.0238	*U*	11.2	*D*	0.0246	*U*	17.6	*D*
Phenol	0.33	100	0.0438	*U*	0.0238	*U*	0.447	*U*	0.0246	*U*	0.564	*U*
Pyrene	100	100	0.247	*D*	0.0448	*J*	19.5	*D*	0.0417	*J*	27.2	*D*
Pyridine	NA	NA	0.0881	*U*	0.0478	*U*	0.899	*U*	0.0495	*U*	1.13	*U*
Total SVOCs	-	-	0.247		0.045		19.5		0.042		27.2	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**SB-03 11-13**		**SB-04 0-2**		**SB-04 11-13**		**SB-05 13-15**		**SB-06 7-9**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-16		2014-09-25		2014-09-25		2014-10-10		2014-10-10	
Data above SCOs shown in **Bold**		Dilution Factor	20		5		1		5		1	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	1.07	*U*	0.35	*U*	0.0721	*U*	0.247	*U*	0.0488	*U*
1,2,4-Trichlorobenzene	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
1,2-Dichlorobenzene	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
1,3-Dichlorobenzene	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
1,4-Dichlorobenzene	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	1.07	*U*	0.35	*U*	0.0721	*U*	0.247	*U*	0.0488	*U*
2,4,5-Trichlorophenol	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2,4,6-Trichlorophenol	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2,4-Dichlorophenol	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2,4-Dimethylphenol	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2,4-Dinitrophenol	NA	100	1.07	*U*	0.35	*U*	0.0721	*U*	0.247	*U*	0.0488	*U*
2,4-Dinitrotoluene	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2,6-Dinitrotoluene	NA	1	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2-Chloronaphthalene	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2-Chlorophenol	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2-Methylnaphthalene	NA	0.41	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2-Methylphenol	0.33	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
2-Nitroaniline	NA	NA	1.07	*U*	0.35	*U*	0.0721	*U*	0.247	*U*	0.0488	*U*
2-Nitrophenol	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
3- & 4-Methylphenols	0.33	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
3,3'-Dichlorobenzidine	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
3-Nitroaniline	NA	NA	1.07	*U*	0.35	*U*	0.0721	*U*	0.247	*U*	0.0488	*U*
4,6-Dinitro-2-methylphenol	NA	NA	1.07	*U*	0.35	*U*	0.0721	*U*	0.247	*U*	0.0488	*U*
4-Bromophenyl phenyl ether	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
4-Chloro-3-methylphenol	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
4-Chloroaniline	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
4-Nitroaniline	NA	NA	1.07	*U*	0.35	*U*	0.0721	*U*	0.247	*U*	0.0488	*U*
4-Nitrophenol	NA	NA	1.07	*U*	0.35	*U*	0.0721	*U*	0.247	*U*	0.0488	*U*
Acenaphthene	20	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Acenaphthylene	100	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Acetophenone	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Aniline	NA	100	2.15	*U*	0.7	*U*	0.144	*U*	0.495	*U*	0.0977	*U*
Anthracene	100	100	2.2	*D*	0.453	*D*	0.0361	*U*	0.124	*U*	0.0245	*U*
Atrazine	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Benzaldehyde	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Benzidine	NA	NA	2.15	*U*	0.7	*U*	0.144	*U*	0.495	*U*	0.0977	*U*
Benzo(a)anthracene	1	1	**8.47**	*D*	**2.27**	*D*	0.0361	*U*	0.527	*D*	0.0245	*U*
Benzo(a)pyrene	1	1	**5.76**	*D*	**2.27**	*D*	0.0361	*U*	0.385	*D*	0.0245	*U*
Benzo(b)fluoranthene	1	1	**4.04**	*D*	**1.92**	*D*	0.0361	*U*	0.36	*D*	0.0245	*U*
Benzo(g,h,i)perylene	100	100	2.27	*D*	1.55	*D*	0.0361	*U*	0.298	*D*	0.0245	*U*
Benzo(k)fluoranthene	0.8	3.9	**5.34**	*D*	1.89	*D*	0.0361	*U*	0.124	*U*	0.0245	*U*
Benzoic acid	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Benzyl alcohol	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Benzyl butyl phthalate	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Bis(2-chloroethyl)ether	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Caprolactam	NA	NA	1.07	*U*	0.35	*U*	0.0721	*U*	0.437	*JD*	0.0488	*U*
Carbazole	NA	NA	1.06	*JD*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Chrysene	1	3.9	**8.35**	*D*	2.15	*D*	0.0361	*U*	0.514	*D*	0.0245	*U*
Dibenzo(a,h)anthracene	0.33	0.33	**1.26**	*D*	**0.615**	*D*	0.0361	*U*	0.124	*U*	0.0245	*U*
Dibenzofuran	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Diethyl phthalate	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Dimethyl phthalate	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.956	*D*	0.0245	*U*
Di-n-butyl phthalate	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Di-n-octyl phthalate	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Fluoranthene	100	100	14.9	*D*	3.27	*D*	0.0361	*U*	0.282	*D*	0.0418	*J*
Fluorene	30	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Hexachlorobenzene	NA	0	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Hexachlorobutadiene	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Hexachlorocyclopentadiene	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Hexachloroethane	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	**2.33**	*D*	**1.34**	*D*	0.0361	*U*	0.196	*JD*	0.0245	*U*
Isophorone	NA	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Naphthalene	12	100	0.538	*U*	0.271	*JD*	0.139		0.124	*U*	0.0245	*U*
Nitrobenzene	NA	15	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
N-Nitrosodimethylamine	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
N-nitroso-di-n-propylamine	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
N-Nitrosodiphenylamine	NA	NA	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Pentachlorophenol	0.8	6.7	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Phenanthrene	100	100	9.85	*D*	1.05	*D*	0.0361	*U*	0.735	*D*	0.0245	*U*
Phenol	0.33	100	0.538	*U*	0.175	*U*	0.0361	*U*	0.124	*U*	0.0245	*U*
Pyrene	100	100	16	*D*	3.1	*D*	0.0361	*U*	0.626	*D*	0.0402	*J*
Pyridine	NA	NA	1.08	*U*	0.352	*U*	0.0726	*U*	0.701	*JD*	0.0492	*U*
Total SVOCs	-	-	16.0		3.10		0.036		0.626		0.040	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-01 11-12**		**2SB-02 11-12**		**2SB-02 12-16**		**2SB-02 20-24**		**2SB-03 12-14**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-23		2015-10-23		2015-10-23		2015-10-23		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	2		2		50		20		2	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.0677	*U*	0.185	*D*	12.8	*D*	1.96	*D*	0.0749	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.135	*U*	0.148	*U*	0.149	*U*	0.148	*U*	0.149	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
1,2-Dichlorobenzene	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
1,3-Dichlorobenzene	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
1,4-Dichlorobenzene	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.135	*U*	0.148	*U*	0.149	*U*	0.148	*U*	0.149	*U*
2,4,5-Trichlorophenol	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2,4,6-Trichlorophenol	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2,4-Dichlorophenol	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2,4-Dimethylphenol	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2,4-Dinitrophenol	NA	100	0.135	*U*	0.148	*U*	0.149	*U*	0.148	*U*	0.149	*U*
2,4-Dinitrotoluene	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2,6-Dinitrotoluene	NA	1	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2-Chloronaphthalene	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2-Chlorophenol	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2-Methylnaphthalene	NA	0.41	0.0677	*U*	0.103	*JD*	**54.3**	*D*	**13.4**	*D*	0.0749	*U*
2-Methylphenol	0.33	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
2-Nitroaniline	NA	NA	0.135	*U*	0.148	*U*	0.149	*U*	0.148	*U*	0.149	*U*
2-Nitrophenol	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
3- & 4-Methylphenols	0.33	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
3,3'-Dichlorobenzidine	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
3-Nitroaniline	NA	NA	0.135	*U*	0.148	*U*	0.149	*U*	0.148	*U*	0.149	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.135	*U*	0.148	*U*	0.149	*U*	0.148	*U*	0.149	*U*
4-Bromophenyl phenyl ether	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
4-Chloro-3-methylphenol	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
4-Chloroaniline	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
4-Nitroaniline	NA	NA	0.135	*U*	0.148	*U*	0.149	*U*	0.148	*U*	0.149	*U*
4-Nitrophenol	NA	NA	0.135	*U*	0.148	*U*	0.149	*U*	0.148	*U*	0.149	*U*
Acenaphthene	20	100	0.0677	*U*	0.241	*D*	53.7	*D*	14.1	*D*	0.0749	*U*
Acenaphthylene	100	100	0.0677	*U*	0.074	*U*	1.84	*D*	0.351	*D*	0.0749	*U*
Acetophenone	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Aniline	NA	100	0.271	*U*	0.296	*U*	0.299	*U*	0.295	*U*	0.299	*U*
Anthracene	100	100	0.0677	*U*	0.074	*U*	3.07	*D*	4.03	*D*	0.0749	*U*
Atrazine	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Benzaldehyde	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Benzidine	NA	NA	0.271	*U*	0.296	*U*	0.299	*U*	0.295	*U*	0.299	*U*
Benzo(a)anthracene	1	1	0.121	*JD*	0.074	*U*	**14.5**	*D*	**2.27**	*D*	0.0749	*U*
Benzo(a)pyrene	1	1	0.109	*JD*	0.074	*U*	**4**	*D*	**1.02**	*D*	0.0749	*U*
Benzo(b)fluoranthene	1	1	0.113	*JD*	0.074	*U*	**4.22**	*D*	**1.17**	*D*	0.0749	*U*
Benzo(g,h,i)perylene	100	100	0.0677	*U*	0.074	*U*	0.35	*D*	0.231	*D*	0.0749	*U*
Benzo(k)fluoranthene	0.8	3.9	0.0972	*JD*	0.074	*U*	3.39	*D*	0.942	*D*	0.0749	*U*
Benzoic acid	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Benzyl alcohol	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Benzyl butyl phthalate	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Bis(2-chloroethyl)ether	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Caprolactam	NA	NA	0.135	*U*	0.148	*U*	0.149	*U*	0.148	*U*	0.149	*U*
Carbazole	NA	NA	0.0677	*U*	0.156	*D*	27.7	*D*	3.31	*D*	0.0749	*U*
Chrysene	1	3.9	0.137	*D*	0.074	*U*	**12.6**	*D*	2.19	*D*	0.0749	*U*
Dibenzo(a,h)anthracene	0.33	0.33	0.0677	*U*	0.074	*U*	0.295	*D*	0.171	*D*	0.0749	*U*
Dibenzofuran	NA	NA	0.0677	*U*	0.346	*D*	47.8	*D*	12.5	*D*	0.0749	*U*
Diethyl phthalate	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.165	*D*	0.0749	*U*
Dimethyl phthalate	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Di-n-butyl phthalate	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Di-n-octyl phthalate	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Fluoranthene	100	100	0.239	*D*	0.183	*D*	67.7	*D*	19	*D*	0.092	*JD*
Fluorene	30	100	0.0677	*U*	0.269	*D*	62.4	*D*	16.7	*D*	0.0749	*U*
Hexachlorobenzene	NA	0	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Hexachlorobutadiene	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Hexachlorocyclopentadiene	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Hexachloroethane	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0843	*JD*	0.074	*U*	**0.605**	*D*	0.282	*D*	0.0749	*U*
Isophorone	NA	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Naphthalene	12	100	0.0677	*U*	0.63	*D*	90.2	*D*	26.5	*D*	0.0749	*U*
Nitrobenzene	NA	15	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
N-Nitrosodimethylamine	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
N-nitroso-di-n-propylamine	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
N-Nitrosodiphenylamine	NA	NA	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Pentachlorophenol	0.8	6.7	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Phenanthrene	100	100	0.148	*D*	0.246	*D*	92.4	*D*	28.6	*D*	0.0749	*U*
Phenol	0.33	100	0.0677	*U*	0.074	*U*	0.0749	*U*	0.0739	*U*	0.0749	*U*
Pyrene	100	100	0.205	*D*	0.122	*JD*	41.3	*D*	12	*D*	0.0749	*U*
Pyridine	NA	NA	NA		NA		NA		NA		NA	
Total SVOCs	-	-	0.205		0.122		41.3		12.0		0.075	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		Sample ID	2SB-04 11-12		2SB-04 15-16		2SB-05 11-12		DUP-20151026		2SB-06 11-12	
U= Not Detected ≥ indicated value		Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	2		2		20		20		2	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.0709	*U*	0.085	*U*	0.0915	*JD*	0.266	*D*	0.0773	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.141	*U*	0.17	*U*	0.147	*U*	0.163	*U*	0.154	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
1,2-Dichlorobenzene	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
1,3-Dichlorobenzene	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
1,4-Dichlorobenzene	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.141	*U*	0.17	*U*	0.147	*U*	0.163	*U*	0.154	*U*
2,4,5-Trichlorophenol	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2,4,6-Trichlorophenol	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2,4-Dichlorophenol	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2,4-Dimethylphenol	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2,4-Dinitrophenol	NA	100	0.141	*U*	0.17	*U*	0.147	*U*	0.163	*U*	0.154	*U*
2,4-Dinitrotoluene	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2,6-Dinitrotoluene	NA	1	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2-Chloronaphthalene	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2-Chlorophenol	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2-Methylnaphthalene	NA	0.41	0.0709	*U*	0.085	*U*	0.366	*D*	**1.05**	*D*	0.0773	*U*
2-Methylphenol	0.33	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
2-Nitroaniline	NA	NA	0.141	*U*	0.17	*U*	0.147	*U*	0.163	*U*	0.154	*U*
2-Nitrophenol	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
3- & 4-Methylphenols	0.33	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
3,3'-Dichlorobenzidine	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
3-Nitroaniline	NA	NA	0.141	*U*	0.17	*U*	0.147	*U*	0.163	*U*	0.154	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.141	*U*	0.17	*U*	0.147	*U*	0.163	*U*	0.154	*U*
4-Bromophenyl phenyl ether	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
4-Chloro-3-methylphenol	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
4-Chloroaniline	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
4-Nitroaniline	NA	NA	0.141	*U*	0.17	*U*	0.147	*U*	0.163	*U*	0.154	*U*
4-Nitrophenol	NA	NA	0.141	*U*	0.17	*U*	0.147	*U*	0.163	*U*	0.154	*U*
Acenaphthene	20	100	0.0709	*U*	0.085	*U*	0.842	*D*	1.74	*D*	0.0773	*U*
Acenaphthylene	100	100	0.0709	*U*	0.085	*U*	0.224	*D*	0.418	*D*	0.0773	*U*
Acetophenone	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Aniline	NA	100	0.283	*U*	0.34	*U*	0.294	*U*	0.326	*U*	0.309	*U*
Anthracene	100	100	0.0709	*U*	0.085	*U*	1.83	*D*	2.64	*D*	0.0773	*U*
Atrazine	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Benzaldehyde	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Benzidine	NA	NA	0.283	*U*	0.34	*U*	0.294	*U*	0.326	*U*	0.309	*U*
Benzo(a)anthracene	1	1	0.0709	*U*	0.108	*JD*	**3.46**	*D*	**9.64**	*D*	0.0773	*U*
Benzo(a)pyrene	1	1	0.0709	*U*	0.085	*U*	**1.11**	*D*	**1.65**	*D*	0.0773	*U*
Benzo(b)fluoranthene	1	1	0.0709	*U*	0.11	*JD*	0.816	*D*	**2.3**	*D*	0.0773	*U*
Benzo(g,h,i)perylene	100	100	0.0709	*U*	0.085	*U*	0.735	*U*	0.816	*U*	0.0773	*U*
Benzo(k)fluoranthene	0.8	3.9	0.0709	*U*	0.1	*JD*	1.41	*D*	1.8	*D*	0.0773	*U*
Benzoic acid	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Benzyl alcohol	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Benzyl butyl phthalate	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Bis(2-chloroethyl)ether	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.107	*JD*
Caprolactam	NA	NA	0.141	*U*	0.17	*U*	0.147	*U*	0.163	*U*	0.154	*U*
Carbazole	NA	NA	0.0709	*U*	0.085	*U*	1.1	*D*	1.93	*D*	0.0773	*U*
Chrysene	1	3.9	0.0709	*U*	0.137	*JD*	2.91	*D*	**5.08**	*D*	0.0773	*U*
Dibenzo(a,h)anthracene	0.33	0.33	0.0709	*U*	0.085	*U*	0.735	*U*	0.816	*U*	0.0773	*U*
Dibenzofuran	NA	NA	0.0709	*U*	0.085	*U*	0.792	*D*	1.73	*D*	0.0773	*U*
Diethyl phthalate	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Dimethyl phthalate	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Di-n-butyl phthalate	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Di-n-octyl phthalate	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Fluoranthene	100	100	0.0709	*U*	0.293	*D*	10.7	*D*	21.2	*D*	0.144	*JD*
Fluorene	30	100	0.0709	*U*	0.085	*U*	1.15	*D*	2.19	*D*	0.0773	*U*
Hexachlorobenzene	NA	0	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Hexachlorobutadiene	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Hexachlorocyclopentadiene	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Hexachloroethane	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0709	*U*	0.085	*U*	0.735	*U*	**0.938**	*JD*	0.0773	*U*
Isophorone	NA	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Naphthalene	12	100	0.0709	*U*	0.085	*U*	0.496	*D*	1.54	*D*	0.0773	*U*
Nitrobenzene	NA	15	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
N-Nitrosodimethylamine	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
N-nitroso-di-n-propylamine	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
N-Nitrosodiphenylamine	NA	NA	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Pentachlorophenol	0.8	6.7	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Phenanthrene	100	100	0.0709	*U*	0.256	*D*	4.57	*D*	22	*D*	0.0773	*U*
Phenol	0.33	100	0.0709	*U*	0.085	*U*	0.0735	*U*	0.0816	*U*	0.0773	*U*
Pyrene	100	100	0.0709	*U*	0.248	*D*	10.4	*D*	20.4	*D*	0.139	*JD*
Pyridine	NA	NA	NA		NA		NA				NA	
Total SVOCs	-	-	0.071		0.248		10.4		20.4		0.139	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-06 17-18**		**2SB-07 11-12**		**2SB-08 11-12**		**2SB-09 11-12**		**2SB-10 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	20		2		2		2		2	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.165	*U*	0.147	*U*	0.141	*U*	0.141	*U*	0.149	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
1,2-Dichlorobenzene	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
1,3-Dichlorobenzene	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
1,4-Dichlorobenzene	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.165	*U*	0.147	*U*	0.141	*U*	0.141	*U*	0.149	*U*
2,4,5-Trichlorophenol	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2,4,6-Trichlorophenol	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2,4-Dichlorophenol	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2,4-Dimethylphenol	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2,4-Dinitrophenol	NA	100	0.165	*U*	0.147	*U*	0.141	*U*	0.141	*U*	0.149	*U*
2,4-Dinitrotoluene	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2,6-Dinitrotoluene	NA	1	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2-Chloronaphthalene	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2-Chlorophenol	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2-Methylnaphthalene	NA	0.41	**0.561**	*D*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.168	*D*
2-Methylphenol	0.33	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
2-Nitroaniline	NA	NA	0.165	*U*	0.147	*U*	0.141	*U*	0.141	*U*	0.149	*U*
2-Nitrophenol	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
3- & 4-Methylphenols	0.33	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
3,3'-Dichlorobenzidine	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
3-Nitroaniline	NA	NA	0.165	*U*	0.147	*U*	0.141	*U*	0.141	*U*	0.149	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.165	*U*	0.147	*U*	0.141	*U*	0.141	*U*	0.149	*U*
4-Bromophenyl phenyl ether	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
4-Chloro-3-methylphenol	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
4-Chloroaniline	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
4-Nitroaniline	NA	NA	0.165	*U*	0.147	*U*	0.141	*U*	0.141	*U*	0.149	*U*
4-Nitrophenol	NA	NA	0.165	*U*	0.147	*U*	0.141	*U*	0.141	*U*	0.149	*U*
Acenaphthene	20	100	1.02	*D*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.734	*D*
Acenaphthylene	100	100	0.208	*D*	0.0737	*U*	0.0707	*U*	0.321	*D*	0.103	*JD*
Acetophenone	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Aniline	NA	100	0.33	*U*	0.294	*U*	0.282	*U*	0.282	*U*	0.298	*U*
Anthracene	100	100	0.907	*D*	0.0737	*U*	0.0707	*U*	0.139	*JD*	1	*D*
Atrazine	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Benzaldehyde	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Benzidine	NA	NA	0.33	*U*	0.294	*U*	0.282	*U*	0.282	*U*	0.298	*U*
Benzo(a)anthracene	1	1	**1.19**	*D*	0.0737	*U*	0.0707	*U*	0.854	*D*	**1.14**	*D*
Benzo(a)pyrene	1	1	0.769	*D*	0.0737	*U*	0.0707	*U*	0.435	*D*	0.8	*D*
Benzo(b)fluoranthene	1	1	0.869	*D*	0.0737	*U*	0.0707	*U*	0.45	*D*	0.579	*D*
Benzo(g,h,i)perylene	100	100	0.825	*U*	0.0737	*U*	0.0707	*U*	0.193	*D*	0.358	*D*
Benzo(k)fluoranthene	0.8	3.9	0.657	*D*	0.0737	*U*	0.0707	*U*	0.525	*D*	0.543	*D*
Benzoic acid	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Benzyl alcohol	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Benzyl butyl phthalate	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Bis(2-chloroethyl)ether	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0891	*JD*
Caprolactam	NA	NA	0.165	*U*	0.147	*U*	0.141	*U*	0.141	*U*	0.149	*U*
Carbazole	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.37	*D*
Chrysene	1	3.9	1.36	*D*	0.0737	*U*	0.0707	*U*	0.957	*D*	0.988	*D*
Dibenzo(a,h)anthracene	0.33	0.33	0.825	*U*	0.0737	*U*	0.0707	*U*	0.143	*D*	0.286	*D*
Dibenzofuran	NA	NA	0.382	*D*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.358	*D*
Diethyl phthalate	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Dimethyl phthalate	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Di-n-butyl phthalate	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Di-n-octyl phthalate	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0856	*JD*
Fluoranthene	100	100	1.08	*D*	0.136	*JD*	0.0707	*U*	1.16	*D*	2.46	*D*
Fluorene	30	100	0.401	*D*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.601	*D*
Hexachlorobenzene	NA	0	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Hexachlorobutadiene	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Hexachlorocyclopentadiene	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Hexachloroethane	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.825	*U*	0.0737	*U*	0.0707	*U*	0.228	*D*	0.387	*D*
Isophorone	NA	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Naphthalene	12	100	1.29	*D*	0.0737	*U*	0.0707	*U*	0.112	*JD*	0.276	*D*
Nitrobenzene	NA	15	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
N-Nitrosodimethylamine	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
N-nitroso-di-n-propylamine	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
N-Nitrosodiphenylamine	NA	NA	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Pentachlorophenol	0.8	6.7	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Phenanthrene	100	100	1.14	*D*	0.0737	*U*	0.0707	*U*	0.379	*D*	2.56	*D*
Phenol	0.33	100	0.0825	*U*	0.0737	*U*	0.0707	*U*	0.0705	*U*	0.0745	*U*
Pyrene	100	100	4.62	*D*	0.123	*JD*	0.0707	*U*	1.53	*D*	1.95	*D*
Pyridine	NA	NA	NA		NA		NA		NA		NA	
Total SVOCs	-	-	4.62		0.123		0.071		1.53		1.95	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-11 11-12**		**DUP-20151027**		**2SB-11 12-13**		**2SB-12 11-12**		**2SB-12 12-13**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	2		1		2		2		2	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.0991	*U*	0.147	*U*	0.0971	*U*	0.097	*U*	0.0952	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
1,2-Dichlorobenzene	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
1,3-Dichlorobenzene	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
1,4-Dichlorobenzene	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.0991	*U*	0.147	*U*	0.0971	*U*	0.097	*U*	0.0952	*U*
2,4,5-Trichlorophenol	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2,4,6-Trichlorophenol	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2,4-Dichlorophenol	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2,4-Dimethylphenol	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2,4-Dinitrophenol	NA	100	0.0991	*U*	0.147	*U*	0.0971	*U*	0.097	*U*	0.0952	*U*
2,4-Dinitrotoluene	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2,6-Dinitrotoluene	NA	1	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2-Chloronaphthalene	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2-Chlorophenol	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2-Methylnaphthalene	NA	0.41	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2-Methylphenol	0.33	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
2-Nitroaniline	NA	NA	0.0991	*U*	0.147	*U*	0.0971	*U*	0.097	*U*	0.0952	*U*
2-Nitrophenol	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
3- & 4-Methylphenols	0.33	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
3,3'-Dichlorobenzidine	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
3-Nitroaniline	NA	NA	0.0991	*U*	0.147	*U*	0.0971	*U*	0.097	*U*	0.0952	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.0991	*U*	0.147	*U*	0.0971	*U*	0.097	*U*	0.0952	*U*
4-Bromophenyl phenyl ether	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
4-Chloro-3-methylphenol	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
4-Chloroaniline	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
4-Nitroaniline	NA	NA	0.0991	*U*	0.147	*U*	0.0971	*U*	0.097	*U*	0.0952	*U*
4-Nitrophenol	NA	NA	0.0991	*U*	0.147	*U*	0.0971	*U*	0.097	*U*	0.0952	*U*
Acenaphthene	20	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Acenaphthylene	100	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Acetophenone	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Aniline	NA	100	0.199	*U*	0.295	*U*	0.194	*U*	0.194	*U*	0.191	*U*
Anthracene	100	100	0.0497	*U*	0.0738	*U*	0.0621	*JD*	0.0486	*U*	0.141	*D*
Atrazine	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Benzaldehyde	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Benzidine	NA	NA	0.199	*U*	0.295	*U*	0.194	*U*	0.194	*U*	0.191	*U*
Benzo(a)anthracene	1	1	0.0497	*U*	0.0738	*U*	0.111	*D*	0.139	*D*	0.762	*D*
Benzo(a)pyrene	1	1	0.0497	*U*	0.0738	*U*	0.0985	*D*	0.0605	*JD*	0.293	*D*
Benzo(b)fluoranthene	1	1	0.0497	*U*	0.0738	*U*	0.109	*D*	0.0977	*D*	0.456	*D*
Benzo(g,h,i)perylene	100	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.13	*D*
Benzo(k)fluoranthene	0.8	3.9	0.0497	*U*	0.0738	*U*	0.0823	*JD*	0.055	*JD*	0.334	*D*
Benzoic acid	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Benzyl alcohol	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Benzyl butyl phthalate	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Bis(2-chloroethyl)ether	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Caprolactam	NA	NA	0.0991	*U*	0.147	*U*	0.0971	*U*	0.097	*U*	0.0952	*U*
Carbazole	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Chrysene	1	3.9	0.0497	*U*	0.0738	*U*	0.129	*D*	0.161	*D*	0.88	*D*
Dibenzo(a,h)anthracene	0.33	0.33	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Dibenzofuran	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Diethyl phthalate	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Dimethyl phthalate	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Di-n-butyl phthalate	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Di-n-octyl phthalate	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Fluoranthene	100	100	0.0497	*U*	0.0738	*U*	0.303	*D*	0.271	*D*	1.85	*D*
Fluorene	30	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Hexachlorobenzene	NA	0	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Hexachlorobutadiene	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Hexachlorocyclopentadiene	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Hexachloroethane	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.141	*D*
Isophorone	NA	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Naphthalene	12	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Nitrobenzene	NA	15	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
N-Nitrosodimethylamine	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
N-nitroso-di-n-propylamine	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
N-Nitrosodiphenylamine	NA	NA	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Pentachlorophenol	0.8	6.7	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Phenanthrene	100	100	0.0497	*U*	0.111	*JD*	0.268	*D*	0.169	*D*	0.887	*D*
Phenol	0.33	100	0.0497	*U*	0.0738	*U*	0.0487	*U*	0.0486	*U*	0.0477	*U*
Pyrene	100	100	0.0497	*U*	0.0738	*U*	0.276	*D*	0.288	*D*	1.64	*D*
Pyridine	NA	NA	NA				NA		NA		NA	
Total SVOCs	-	-	0.050		0.074		0.276		0.288		1.64	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		Sample ID	2SB-13 11-12		2SB-13 16.5		2SB-13 19-20		2SB-14 11-12		2SB-14 13	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	5		2		2		2		50	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	2.22	*D*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.276	*U*	0.0977	*U*	0.39	*U*	0.155	*U*	0.39	*U*
1,2,4-Trichlorobenzene	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
1,2-Dichlorobenzene	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
1,3-Dichlorobenzene	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
1,4-Dichlorobenzene	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.276	*U*	0.0977	*U*	0.39	*U*	0.155	*U*	0.39	*U*
2,4,5-Trichlorophenol	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
2,4,6-Trichlorophenol	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
2,4-Dichlorophenol	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
2,4-Dimethylphenol	NA	NA	0.138	*U*	0.049	*U*	4.98	*D*	0.0775	*U*	0.287	*JD*
2,4-Dinitrophenol	NA	100	0.276	*U*	0.0977	*U*	0.39	*U*	0.155	*U*	0.39	*U*
2,4-Dinitrotoluene	NA	NA	0.138	*U*	0.138	*D*	0.195	*U*	0.0775	*U*	0.195	*U*
2,6-Dinitrotoluene	NA	1	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
2-Chloronaphthalene	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
2-Chlorophenol	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
2-Methylnaphthalene	NA	0.41	0.138	*U*	**2.86**	*D*	0.195	*U*	0.0775	*U*	**4.2**	*D*
2-Methylphenol	0.33	100	0.138	*U*	0.049	*U*	0.458	*D*	0.0775	*U*	0.224	*JD*
2-Nitroaniline	NA	NA	0.276	*U*	0.0977	*U*	0.39	*U*	0.155	*U*	0.39	*U*
2-Nitrophenol	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
3- & 4-Methylphenols	0.33	100	0.138	*U*	0.049	*U*	3.21	*D*	0.0775	*U*	2.1	*D*
3,3'-Dichlorobenzidine	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
3-Nitroaniline	NA	NA	0.276	*U*	0.0977	*U*	0.39	*U*	0.155	*U*	0.39	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.276	*U*	0.0977	*U*	0.39	*U*	0.155	*U*	0.39	*U*
4-Bromophenyl phenyl ether	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
4-Chloro-3-methylphenol	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
4-Chloroaniline	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
4-Nitroaniline	NA	NA	0.276	*U*	0.0977	*U*	0.39	*U*	0.155	*U*	0.39	*U*
4-Nitrophenol	NA	NA	0.276	*U*	0.0977	*U*	0.39	*U*	0.155	*U*	0.39	*U*
Acenaphthene	20	100	0.174	*JD*	7.82	*D*	0.195	*U*	0.0775	*U*	16.6	*D*
Acenaphthylene	100	100	0.474	*D*	0.6	*D*	0.195	*U*	0.0775	*U*	6.98	*D*
Acetophenone	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Aniline	NA	100	0.552	*U*	0.196	*U*	0.781	*U*	0.31	*U*	0.781	*U*
Anthracene	100	100	1.11	*D*	14.6	*D*	0.195	*U*	0.119	*JD*	22.9	*D*
Atrazine	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Benzaldehyde	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Benzidine	NA	NA	0.552	*U*	0.196	*U*	0.781	*U*	0.31	*U*	0.781	*U*
Benzo(a)anthracene	1	1	**2.45**	*D*	**7.02**	*D*	0.195	*U*	0.337	*D*	**28.6**	*D*
Benzo(a)pyrene	1	1	**1.1**	*D*	**1.93**	*D*	0.195	*U*	0.167	*D*	**6.83**	*D*
Benzo(b)fluoranthene	1	1	**1.41**	*D*	**2.02**	*D*	0.195	*U*	0.269	*D*	**10.3**	*D*
Benzo(g,h,i)perylene	100	100	0.973	*D*	1.9	*D*	0.195	*U*	0.0775	*U*	3.48	*D*
Benzo(k)fluoranthene	0.8	3.9	1.19	*D*	1.85	*D*	0.195	*U*	0.156	*D*	**6.11**	*D*
Benzoic acid	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Benzyl alcohol	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Benzyl butyl phthalate	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Bis(2-chloroethyl)ether	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Caprolactam	NA	NA	0.276	*U*	0.0977	*U*	0.39	*U*	0.155	*U*	0.39	*U*
Carbazole	NA	NA	0.201	*JD*	5.74	*D*	0.195	*U*	0.0775	*U*	4.58	*D*
Chrysene	1	3.9	**4.89**	*D*	**11.2**	*D*	0.195	*U*	0.402	*D*	**25.9**	*D*
Dibenzo(a,h)anthracene	0.33	0.33	**0.448**	*D*	0.21	*D*	0.195	*U*	0.0775	*U*	**0.411**	*D*
Dibenzofuran	NA	NA	0.138	*U*	10.4	*D*	0.195	*U*	0.0775	*U*	9.4	*D*
Diethyl phthalate	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Dimethyl phthalate	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Di-n-butyl phthalate	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	1.95	*U*
Di-n-octyl phthalate	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Fluoranthene	100	100	6.96	*D*	30.8	*D*	0.195	*U*	0.897	*D*	64.6	*D*
Fluorene	30	100	0.452	*D*	12.3	*D*	0.195	*U*	0.0775	*U*	18.3	*D*
Hexachlorobenzene	NA	0	0.138	*U*	0.0961	*JD*	0.195	*U*	0.0775	*U*	0.195	*U*
Hexachlorobutadiene	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Hexachlorocyclopentadiene	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Hexachloroethane	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	**0.922**	*D*	**1.39**	*D*	0.195	*U*	0.0775	*U*	**3.8**	*D*
Isophorone	NA	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Naphthalene	12	100	0.138	*U*	3.37	*D*	1.75	*D*	0.103	*JD*	14.4	*D*
Nitrobenzene	NA	15	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
N-Nitrosodimethylamine	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
N-nitroso-di-n-propylamine	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
N-Nitrosodiphenylamine	NA	NA	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Pentachlorophenol	0.8	6.7	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.195	*U*
Phenanthrene	100	100	3.25	*D*	55.5	*D*	0.195	*U*	0.356	*D*	79.1	*D*
Phenol	0.33	100	0.138	*U*	0.049	*U*	0.195	*U*	0.0775	*U*	0.496	*D*
Pyrene	100	100	6.39	*D*	26.1	*D*	0.195	*U*	0.898	*D*	61.7	*D*
Pyridine	NA	NA	NA		NA		NA		NA		NA	
Total SVOCs	-	-	6.39		26.1		0.195		0.898		61.7	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-14 19**		**2SB-15 10-11**		**2SB-15 12-13**		**2SB-15 19-20**		**2SB-17 6-7**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	2		2		1		5		2	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.264	*U*	0.15	*U*	0.0935	*U*	0.421	*U*	0.149	*U*
1,2,4-Trichlorobenzene	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
1,2-Dichlorobenzene	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
1,3-Dichlorobenzene	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
1,4-Dichlorobenzene	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.264	*U*	0.15	*U*	0.0935	*U*	0.421	*U*	0.149	*U*
2,4,5-Trichlorophenol	NA	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2,4,6-Trichlorophenol	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2,4-Dichlorophenol	NA	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2,4-Dimethylphenol	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2,4-Dinitrophenol	NA	100	0.264	*U*	0.15	*U*	0.0935	*U*	0.421	*U*	0.149	*U*
2,4-Dinitrotoluene	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2,6-Dinitrotoluene	NA	1	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2-Chloronaphthalene	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2-Chlorophenol	NA	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2-Methylnaphthalene	NA	0.41	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2-Methylphenol	0.33	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
2-Nitroaniline	NA	NA	0.264	*U*	0.15	*U*	0.0935	*U*	0.421	*U*	0.149	*U*
2-Nitrophenol	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
3- & 4-Methylphenols	0.33	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
3,3'-Dichlorobenzidine	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
3-Nitroaniline	NA	NA	0.264	*U*	0.15	*U*	0.0935	*U*	0.421	*U*	0.149	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.264	*U*	0.15	*U*	0.0935	*U*	0.421	*U*	0.149	*U*
4-Bromophenyl phenyl ether	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
4-Chloro-3-methylphenol	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
4-Chloroaniline	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
4-Nitroaniline	NA	NA	0.264	*U*	0.15	*U*	0.0935	*U*	0.421	*U*	0.149	*U*
4-Nitrophenol	NA	NA	0.264	*U*	0.15	*U*	0.0935	*U*	0.421	*U*	0.149	*U*
Acenaphthene	20	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0884	*JD*
Acenaphthylene	100	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Acetophenone	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Aniline	NA	100	0.528	*U*	0.299	*U*	0.187	*U*	0.844	*U*	0.299	*U*
Anthracene	100	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Atrazine	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Benzaldehyde	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Benzidine	NA	NA	0.528	*U*	0.299	*U*	0.187	*U*	0.844	*U*	0.299	*U*
Benzo(a)anthracene	1	1	0.132	*U*	0.324	*D*	0.0979		0.211	*U*	0.17	*D*
Benzo(a)pyrene	1	1	0.132	*U*	0.299	*D*	0.0934	*J*	0.211	*U*	0.13	*JD*
Benzo(b)fluoranthene	1	1	0.132	*U*	0.32	*D*	0.0911	*J*	0.211	*U*	0.179	*D*
Benzo(g,h,i)perylene	100	100	0.132	*U*	0.148	*JD*	0.0468	*U*	0.211	*U*	0.0749	*U*
Benzo(k)fluoranthene	0.8	3.9	0.132	*U*	0.243	*D*	0.068	*J*	0.211	*U*	0.106	*JD*
Benzoic acid	NA	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Benzyl alcohol	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Benzyl butyl phthalate	NA	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Bis(2-chloroethyl)ether	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.132	*U*	0.075	*U*	0.0747	*J*	0.211	*U*	0.0749	*U*
Caprolactam	NA	NA	0.264	*U*	0.15	*U*	0.0935	*U*	0.421	*U*	0.149	*U*
Carbazole	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Chrysene	1	3.9	0.132	*U*	0.338	*D*	0.128		0.211	*U*	0.208	*D*
Dibenzo(a,h)anthracene	0.33	0.33	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Dibenzofuran	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Diethyl phthalate	NA	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Dimethyl phthalate	NA	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Di-n-butyl phthalate	NA	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Di-n-octyl phthalate	NA	100	0.132	*U*	0.075	*U*	0.0725	*J*	0.211	*U*	0.0749	*U*
Fluoranthene	100	100	0.348	*D*	0.715	*D*	0.0852	*J*	0.211	*U*	0.375	*D*
Fluorene	30	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Hexachlorobenzene	NA	0	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Hexachlorobutadiene	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Hexachlorocyclopentadiene	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Hexachloroethane	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.132	*U*	0.136	*JD*	0.0468	*U*	0.211	*U*	0.0749	*U*
Isophorone	NA	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Naphthalene	12	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.177	*D*
Nitrobenzene	NA	15	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
N-Nitrosodimethylamine	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
N-nitroso-di-n-propylamine	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
N-Nitrosodiphenylamine	NA	NA	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Pentachlorophenol	0.8	6.7	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Phenanthrene	100	100	0.56	*D*	0.341	*D*	0.0642	*J*	0.211	*U*	0.304	*D*
Phenol	0.33	100	0.132	*U*	0.075	*U*	0.0468	*U*	0.211	*U*	0.0749	*U*
Pyrene	100	100	0.221	*JD*	0.67	*D*	0.138		0.211	*U*	0.361	*D*
Pyridine	NA	NA	NA		NA		NA		NA		NA	
Total SVOCs	-	-	0.221		0.670		0.138		0.211		0.361	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-17 15**		**2SB-18 11-12**		**2SB-18 15-16**		**MW-1 0-2**		**MW-1 11-13**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2014-09-25		2014-09-25	
Data above SCOs shown in **Bold**		Dilution Factor	2		2		10		10		500	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.152	*U*	0.127	*JD*	0.416	*U*	0.33	*U*	88.4	*D*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.304	*U*	0.145	*U*	0.831	*U*	0.658	*U*	3.63	*U*
1,2,4-Trichlorobenzene	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
1,2-Dichlorobenzene	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
1,3-Dichlorobenzene	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
1,4-Dichlorobenzene	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.304	*U*	0.145	*U*	0.831	*U*	0.658	*U*	3.63	*U*
2,4,5-Trichlorophenol	NA	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
2,4,6-Trichlorophenol	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
2,4-Dichlorophenol	NA	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
2,4-Dimethylphenol	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	31.9	*D*
2,4-Dinitrophenol	NA	100	0.304	*U*	0.145	*U*	0.831	*U*	0.658	*U*	3.63	*U*
2,4-Dinitrotoluene	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
2,6-Dinitrotoluene	NA	1	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	**26.1**	*D*
2-Chloronaphthalene	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	2.55	*JD*
2-Chlorophenol	NA	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
2-Methylnaphthalene	NA	0.41	0.152	*U*	0.277	*D*	**17.4**	*D*	0.33	*U*	**439**	*D*
2-Methylphenol	0.33	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	10.9	*D*
2-Nitroaniline	NA	NA	0.304	*U*	0.145	*U*	0.831	*U*	0.658	*U*	3.63	*U*
2-Nitrophenol	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
3- & 4-Methylphenols	0.33	100	0.152	*U*	0.105	*JD*	0.416	*U*	0.33	*U*	22	*D*
3,3'-Dichlorobenzidine	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	4.87	*D*
3-Nitroaniline	NA	NA	0.304	*U*	0.145	*U*	0.831	*U*	0.658	*U*	3.63	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.304	*U*	0.145	*U*	0.831	*U*	0.658	*U*	3.63	*U*
4-Bromophenyl phenyl ether	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
4-Chloro-3-methylphenol	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	3.88	*D*
4-Chloroaniline	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	500	*D*
4-Chlorophenyl phenyl ether	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
4-Nitroaniline	NA	NA	0.304	*U*	0.145	*U*	0.831	*U*	0.658	*U*	3.63	*U*
4-Nitrophenol	NA	NA	0.304	*U*	0.145	*U*	0.831	*U*	0.658	*U*	3.63	*U*
Acenaphthene	20	100	0.152	*U*	0.983	*D*	0.416	*U*	0.33	*U*	**200**	*D*
Acenaphthylene	100	100	0.152	*U*	0.388	*D*	0.416	*U*	0.33	*U*	**213**	*D*
Acetophenone	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Aniline	NA	100	0.609	*U*	0.29	*U*	1.66	*U*	1.32	*U*	7.26	*U*
Anthracene	100	100	0.152	*U*	2.9	*D*	3.33	*D*	0.33	*U*	**912**	*D*
Atrazine	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Benzaldehyde	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	10.4	*D*
Benzidine	NA	NA	0.609	*U*	0.29	*U*	1.66	*U*	1.32	*U*	7.26	*U*
Benzo(a)anthracene	1	1	0.152	*U*	**4.55**	*D*	0.416	*U*	0.33	*U*	**217**	*D*
Benzo(a)pyrene	1	1	0.152	*U*	**1.64**	*D*	0.416	*U*	0.33	*U*	**103**	*D*
Benzo(b)fluoranthene	1	1	0.152	*U*	**2.23**	*D*	0.416	*U*	0.33	*U*	**181**	*D*
Benzo(g,h,i)perylene	100	100	0.152	*U*	0.503	*D*	0.416	*U*	0.33	*U*	54.1	*D*
Benzo(k)fluoranthene	0.8	3.9	0.152	*U*	1.43	*D*	0.416	*U*	0.33	*U*	**185**	*D*
Benzoic acid	NA	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Benzyl alcohol	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	11.3	*D*
Benzyl butyl phthalate	NA	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Bis(2-chloroethyl)ether	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Caprolactam	NA	NA	0.304	*U*	0.145	*U*	0.831	*U*	0.658	*U*	33.7	*D*
Carbazole	NA	NA	0.152	*U*	0.633	*D*	0.77	*JD*	0.33	*U*	199	*D*
Chrysene	1	3.9	0.152	*U*	**4.82**	*D*	0.416	*U*	0.33	*U*	**255**	*D*
Dibenzo(a,h)anthracene	0.33	0.33	0.152	*U*	0.202	*D*	0.416	*U*	0.33	*U*	**28.3**	*D*
Dibenzofuran	NA	NA	0.152	*U*	0.647	*D*	0.416	*U*	0.33	*U*	257	*D*
Diethyl phthalate	NA	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Dimethyl phthalate	NA	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Di-n-butyl phthalate	NA	100	0.202	*JD*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Di-n-octyl phthalate	NA	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Fluoranthene	100	100	0.152	*U*	11.3	*D*	0.763	*JD*	0.484	*JD*	**651**	*D*
Fluorene	30	100	0.152	*U*	1.13	*D*	0.416	*U*	0.33	*U*	**299**	*D*
Hexachlorobenzene	NA	0	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Hexachlorobutadiene	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Hexachlorocyclopentadiene	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Hexachloroethane	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.152	*U*	**0.585**	*D*	0.416	*U*	0.33	*U*	**38.5**	*D*
Isophorone	NA	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Naphthalene	12	100	0.152	*U*	0.622	*D*	0.416	*U*	0.33	*U*	**1,410**	*D*
Nitrobenzene	NA	15	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
N-Nitrosodimethylamine	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
N-nitroso-di-n-propylamine	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
N-Nitrosodiphenylamine	NA	NA	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	36.8	*D*
Pentachlorophenol	0.8	6.7	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	1.82	*U*
Phenanthrene	100	100	0.152	*U*	8.83	*D*	7.89	*D*	0.33	*U*	**997**	*D*
Phenol	0.33	100	0.152	*U*	0.0727	*U*	0.416	*U*	0.33	*U*	12	*D*
Pyrene	100	100	0.152	*U*	11.2	*D*	5.05	*D*	0.494	*JD*	**631**	*D*
Pyridine	NA	NA	NA		NA		NA		0.662	*U*	36.5	*U*
Total SVOCs	-	-	0.152		11.2		5.05		0.494		**631**	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-2 0-2**		**MW-2 11-13**		**MW-3 0-2**		**MW-3 11-13**		**MW-4 0-2**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-25		2014-09-25		2014-09-25		2014-09-25		2014-10-10	
Data above SCOs shown in **Bold**		Dilution Factor	5		1		5		5		5	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.333	*U*	0.0718	*U*	0.336	*U*	0.351	*U*	0.212	*U*
1,2,4-Trichlorobenzene	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
1,2-Dichlorobenzene	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
1,3-Dichlorobenzene	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
1,4-Dichlorobenzene	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.333	*U*	0.0718	*U*	0.336	*U*	0.351	*U*	0.212	*U*
2,4,5-Trichlorophenol	NA	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2,4,6-Trichlorophenol	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2,4-Dichlorophenol	NA	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2,4-Dimethylphenol	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2,4-Dinitrophenol	NA	100	0.333	*U*	0.0718	*U*	0.336	*U*	0.351	*U*	0.212	*U*
2,4-Dinitrotoluene	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2,6-Dinitrotoluene	NA	1	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2-Chloronaphthalene	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2-Chlorophenol	NA	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2-Methylnaphthalene	NA	0.41	0.167	*U*	0.0476	*J*	0.392	*D*	0.176	*U*	0.106	*U*
2-Methylphenol	0.33	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
2-Nitroaniline	NA	NA	0.333	*U*	0.0718	*U*	0.336	*U*	0.351	*U*	0.212	*U*
2-Nitrophenol	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
3- & 4-Methylphenols	0.33	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
3,3'-Dichlorobenzidine	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
3-Nitroaniline	NA	NA	0.333	*U*	0.0718	*U*	0.336	*U*	0.351	*U*	0.212	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.333	*U*	0.0718	*U*	0.336	*U*	0.351	*U*	0.212	*U*
4-Bromophenyl phenyl ether	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
4-Chloro-3-methylphenol	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
4-Chloroaniline	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
4-Nitroaniline	NA	NA	0.333	*U*	0.0718	*U*	0.336	*U*	0.351	*U*	0.212	*U*
4-Nitrophenol	NA	NA	0.333	*U*	0.0718	*U*	0.336	*U*	0.351	*U*	0.212	*U*
Acenaphthene	20	100	0.378	*D*	0.036	*U*	1.25	*D*	0.176	*U*	0.106	*U*
Acenaphthylene	100	100	0.167	*U*	0.036	*U*	0.341	*D*	0.176	*U*	0.106	*U*
Acetophenone	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Aniline	NA	100	0.667	*U*	0.144	*U*	0.673	*U*	0.703	*U*	0.424	*U*
Anthracene	100	100	0.671	*D*	0.036	*U*	2.47	*D*	0.176	*U*	0.152	*JD*
Atrazine	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Benzaldehyde	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Benzidine	NA	NA	0.667	*U*	0.144	*U*	0.673	*U*	0.703	*U*	0.424	*U*
Benzo(a)anthracene	1	1	**1.55**	*D*	0.036	*U*	**4.55**	*D*	0.176	*U*	0.96	*D*
Benzo(a)pyrene	1	1	0.882	*D*	0.0545	*J*	**2.28**	*D*	0.176	*U*	0.738	*D*
Benzo(b)fluoranthene	1	1	0.748	*D*	0.036	*U*	**1.99**	*D*	0.176	*U*	0.564	*D*
Benzo(g,h,i)perylene	100	100	0.503	*D*	0.0476	*J*	1.09	*D*	0.176	*U*	0.306	*D*
Benzo(k)fluoranthene	0.8	3.9	1.02	*D*	0.036	*U*	**4.52**	*D*	0.176	*U*	0.675	*D*
Benzoic acid	NA	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Benzyl alcohol	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Benzyl butyl phthalate	NA	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Bis(2-chloroethyl)ether	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Caprolactam	NA	NA	0.333	*U*	0.0718	*U*	0.336	*U*	0.351	*U*	0.212	*U*
Carbazole	NA	NA	0.312	*JD*	0.036	*U*	0.857	*D*	0.176	*U*	0.106	*U*
Chrysene	1	3.9	1.67	*D*	0.0534	*J*	**5.72**	*D*	0.176	*U*	1.02	*D*
Dibenzo(a,h)anthracene	0.33	0.33	0.242	*JD*	0.036	*U*	**0.624**	*D*	0.176	*U*	0.2	*JD*
Dibenzofuran	NA	NA	0.167	*U*	0.036	*U*	0.664	*D*	0.176	*U*	0.106	*U*
Diethyl phthalate	NA	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Dimethyl phthalate	NA	100	0.167	*U*	0.036	*U*	1.4	*D*	0.176	*U*	0.106	*U*
Di-n-butyl phthalate	NA	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Di-n-octyl phthalate	NA	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Fluoranthene	100	100	3.69	*D*	0.127		11.5	*D*	0.258	*JD*	1.49	*D*
Fluorene	30	100	0.288	*JD*	0.036	*U*	0.968	*D*	0.176	*U*	0.106	*U*
Hexachlorobenzene	NA	0	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Hexachlorobutadiene	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Hexachlorocyclopentadiene	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Hexachloroethane	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.413	*D*	0.036	*U*	**1.14**	*D*	0.176	*U*	0.31	*D*
Isophorone	NA	100	0.167	*U*	0.036	*U*	0.312	*JD*	0.176	*U*	0.106	*U*
Naphthalene	12	100	0.167	*U*	0.386		0.583	*D*	1.49	*D*	0.106	*U*
Nitrobenzene	NA	15	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
N-Nitrosodimethylamine	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
N-nitroso-di-n-propylamine	NA	NA	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
N-Nitrosodiphenylamine	NA	NA	0.167	*U*	0.036	*U*	0.414	*D*	0.176	*U*	0.106	*U*
Pentachlorophenol	0.8	6.7	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Phenanthrene	100	100	3.16	*D*	0.172		11.7	*D*	0.34	*JD*	0.613	*D*
Phenol	0.33	100	0.167	*U*	0.036	*U*	0.169	*U*	0.176	*U*	0.106	*U*
Pyrene	100	100	3.21	*D*	0.107		10.8	*D*	0.253	*JD*	1.46	*D*
Pyridine	NA	NA	0.336	*U*	0.0723	*U*	0.339	*U*			0.213	*U*
Total SVOCs	-	-	3.21		0.107		10.8		0.253		1.46	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		Sample ID	MW-4 7-9		MW-4R-B 11-12		MW-4R-B 15-16		MW-5 0-2		MW-5 13-15	
U= Not Detected ≥ indicated value		Sample Date	2014-10-10		2015-10-23		2015-10-23		2014-10-10		2014-10-10	
Data above SCOs shown in **Bold**		Dilution Factor	5		2		20		1		1	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.229	*U*	0.156	*U*	0.173	*U*	0.0426	*U*	0.0511	*U*
1,2,4-Trichlorobenzene	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
1,2-Dichlorobenzene	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
1,3-Dichlorobenzene	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
1,4-Dichlorobenzene	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.229	*U*	0.156	*U*	0.173	*U*	0.0426	*U*	0.0511	*U*
2,4,5-Trichlorophenol	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2,4,6-Trichlorophenol	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2,4-Dichlorophenol	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2,4-Dimethylphenol	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2,4-Dinitrophenol	NA	100	0.229	*U*	0.156	*U*	0.173	*U*	0.0426	*U*	0.0511	*U*
2,4-Dinitrotoluene	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2,6-Dinitrotoluene	NA	1	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2-Chloronaphthalene	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2-Chlorophenol	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2-Methylnaphthalene	NA	0.41	0.115	*U*	0.0781	*U*	**5.49**	*D*	0.0213	*U*	0.0256	*U*
2-Methylphenol	0.33	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
2-Nitroaniline	NA	NA	0.229	*U*	0.156	*U*	0.173	*U*	0.0426	*U*	0.0511	*U*
2-Nitrophenol	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
3- & 4-Methylphenols	0.33	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
3,3'-Dichlorobenzidine	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
3-Nitroaniline	NA	NA	0.229	*U*	0.156	*U*	0.173	*U*	0.0426	*U*	0.0511	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.229	*U*	0.156	*U*	0.173	*U*	0.0426	*U*	0.0511	*U*
4-Bromophenyl phenyl ether	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
4-Chloro-3-methylphenol	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
4-Chloroaniline	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
4-Nitroaniline	NA	NA	0.229	*U*	0.156	*U*	0.173	*U*	0.0426	*U*	0.0511	*U*
4-Nitrophenol	NA	NA	0.229	*U*	0.156	*U*	0.173	*U*	0.0426	*U*	0.0511	*U*
Acenaphthene	20	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Acenaphthylene	100	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Acetophenone	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Aniline	NA	100	0.46	*U*	0.312	*U*	0.347	*U*	0.0853	*U*	0.102	*U*
Anthracene	100	100	0.382	*D*	0.133	*JD*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Atrazine	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Benzaldehyde	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Benzidine	NA	NA	0.46	*U*	0.312	*U*	0.347	*U*	0.0853	*U*	0.102	*U*
Benzo(a)anthracene	1	1	0.809	*D*	0.145	*JD*	0.45	*D*	0.121		0.0256	*U*
Benzo(a)pyrene	1	1	0.609	*D*	0.152	*JD*	0.0868	*U*	0.114		0.0256	*U*
Benzo(b)fluoranthene	1	1	0.657	*D*	0.146	*JD*	0.109	*JD*	0.0824		0.0256	*U*
Benzo(g,h,i)perylene	100	100	0.504	*D*	0.0781	*U*	0.868	*U*	0.0735		0.0256	*U*
Benzo(k)fluoranthene	0.8	3.9	0.547	*D*	0.158	*D*	0.0868	*U*	0.103		0.0256	*U*
Benzoic acid	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Benzyl alcohol	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Benzyl butyl phthalate	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Bis(2-chloroethyl)ether	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.526	*D*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Caprolactam	NA	NA	0.229	*U*	0.156	*U*	0.173	*U*	0.0426	*U*	0.0511	*U*
Carbazole	NA	NA	0.202	*JD*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Chrysene	1	3.9	0.77	*D*	0.152	*JD*	0.585	*D*	0.127		0.0256	*U*
Dibenzo(a,h)anthracene	0.33	0.33	0.271	*D*	0.0781	*U*	0.868	*U*	0.0347	*J*	0.0256	*U*
Dibenzofuran	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Diethyl phthalate	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Dimethyl phthalate	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Di-n-butyl phthalate	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Di-n-octyl phthalate	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Fluoranthene	100	100	2.16	*D*	0.378	*D*	0.0868	*U*	0.211		0.0256	*U*
Fluorene	30	100	0.167	*JD*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Hexachlorobenzene	NA	0	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Hexachlorobutadiene	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Hexachlorocyclopentadiene	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Hexachloroethane	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.457	*D*	0.12	*JD*	0.868	*U*	0.0681		0.0256	*U*
Isophorone	NA	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Naphthalene	12	100	0.115	*U*	0.113	*JD*	2.16	*D*	0.0213	*U*	0.0256	*U*
Nitrobenzene	NA	15	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
N-Nitrosodimethylamine	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
N-nitroso-di-n-propylamine	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
N-Nitrosodiphenylamine	NA	NA	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Pentachlorophenol	0.8	6.7	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Phenanthrene	100	100	1.76	*D*	0.373	*D*	0.0868	*U*	0.0936		0.0256	*U*
Phenol	0.33	100	0.115	*U*	0.0781	*U*	0.0868	*U*	0.0213	*U*	0.0256	*U*
Pyrene	100	100	1.17	*D*	0.274	*D*	0.724	*D*	0.212		0.0256	*U*
Pyridine	NA	NA	1.17	*D*	NA		NA		0.0429	*U*	0.0515	*U*
Total SVOCs	-	-	1.17		0.274		0.724		0.212		0.026	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		Sample ID	MW-5R-A 11-12		MW-5R-B 23-24		MW-6 0-2		MW-6 13-15		SB-DUPLICATE	
U= Not Detected ≥ indicated value		Sample Date	2015-10-23		2015-10-23		2014-10-10		2014-10-10		2014-10-10	
Data above SCOs shown in **Bold**		Dilution Factor	2		20		1		2		1	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.0767	*U*	0.71	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.153	*U*	0.199	*U*	0.0439	*U*	0.102	*U*	0.0956	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
1,2-Dichlorobenzene	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
1,3-Dichlorobenzene	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
1,4-Dichlorobenzene	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.153	*U*	0.199	*U*	0.0439	*U*	0.102	*U*	0.0478	*U*
2,4,5-Trichlorophenol	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
2,4,6-Trichlorophenol	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
2,4-Dichlorophenol	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0956	*U*
2,4-Dimethylphenol	NA	NA	0.0767	*U*	0.331	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
2,4-Dinitrophenol	NA	100	0.153	*U*	0.199	*U*	0.0439	*U*	0.102	*U*	0.19	*U*
2,4-Dinitrotoluene	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0956	*U*
2,6-Dinitrotoluene	NA	1	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
2-Chloronaphthalene	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
2-Chlorophenol	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
2-Methylnaphthalene	NA	0.41	0.0767	*U*	**2.89**	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
2-Methylphenol	0.33	100	0.0767	*U*	0.337	*D*	0.022	*U*	0.0512	*U*	0.0956	*U*
2-Nitroaniline	NA	NA	0.153	*U*	0.199	*U*	0.0439	*U*	0.102	*U*	0.0478	*U*
2-Nitrophenol	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
3- & 4-Methylphenols	0.33	100	0.0767	*U*	1.09	*D*	0.022	*U*	0.0512	*U*	0.0956	*U*
3,3'-Dichlorobenzidine	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.19	*U*
3-Nitroaniline	NA	NA	0.153	*U*	0.199	*U*	0.0439	*U*	0.102	*U*	0.0956	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.153	*U*	0.199	*U*	0.0439	*U*	0.102	*U*	0.0956	*U*
4-Bromophenyl phenyl ether	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
4-Chloro-3-methylphenol	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0956	*U*
4-Chloroaniline	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0956	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
4-Nitroaniline	NA	NA	0.153	*U*	0.199	*U*	0.0439	*U*	0.102	*U*	0.0956	*U*
4-Nitrophenol	NA	NA	0.153	*U*	0.199	*U*	0.0439	*U*	0.102	*U*	0.0956	*U*
Acenaphthene	20	100	0.0767	*U*	30.7	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
Acenaphthylene	100	100	0.0767	*U*	3.08	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
Acetophenone	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Aniline	NA	100	0.306	*U*	0.399	*U*	0.088	*U*	0.204	*U*	0.0478	*U*
Anthracene	100	100	0.0767	*U*	31.9	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
Atrazine	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Benzaldehyde	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Benzidine	NA	NA	0.306	*U*	0.399	*U*	0.088	*U*	0.204	*U*	0.19	*U*
Benzo(a)anthracene	1	1	0.0767	*U*	**32.2**	*D*	0.0667		0.0938	*JD*	0.0668	*J*
Benzo(a)pyrene	1	1	0.0767	*U*	**25.7**	*D*	0.0587		0.0775	*JD*	0.0774	*J*
Benzo(b)fluoranthene	1	1	0.0767	*U*	**18.6**	*D*	0.0474		0.0512	*U*	0.0478	*U*
Benzo(g,h,i)perylene	100	100	0.0767	*U*	13.5	*D*	0.0302	*J*	0.0512	*U*	0.0956	*U*
Benzo(k)fluoranthene	0.8	3.9	0.0767	*U*	**19**	*D*	0.0604		0.0726	*JD*	0.063	*J*
Benzoic acid	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.13	*U*
Benzyl alcohol	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0956	*U*
Benzyl butyl phthalate	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Bis(2-chloroethyl)ether	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Caprolactam	NA	NA	0.153	*U*	0.199	*U*	0.0439	*U*	0.102	*U*	0.0478	*U*
Carbazole	NA	NA	0.0767	*U*	7.78	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
Chrysene	1	3.9	0.0767	*U*	**23.7**	*D*	0.0699		0.106	*D*	0.0884	*J*
Dibenzo(a,h)anthracene	0.33	0.33	0.0767	*U*	**6.65**	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
Dibenzofuran	NA	NA	0.0767	*U*	19.9	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
Diethyl phthalate	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Dimethyl phthalate	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Di-n-butyl phthalate	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Di-n-octyl phthalate	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Fluoranthene	100	100	0.0767	*U*	55.8	*D*	0.11		0.205	*D*	0.123	*J*
Fluorene	30	100	0.0767	*U*	28.7	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
Hexachlorobenzene	NA	0	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Hexachlorobutadiene	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Hexachlorocyclopentadiene	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0956	*U*
Hexachloroethane	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0767	*U*	**12.3**	*D*	0.0299	*J*	0.0512	*U*	0.0478	*U*
Isophorone	NA	100	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Naphthalene	12	100	0.0979	*JD*	29.6	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
Nitrobenzene	NA	15	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
N-Nitrosodimethylamine	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0956	*U*
N-nitroso-di-n-propylamine	NA	NA	0.157	*D*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
N-Nitrosodiphenylamine	NA	NA	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0478	*U*
Pentachlorophenol	0.8	6.7	0.0767	*U*	0.0998	*U*	0.022	*U*	0.0512	*U*	0.0956	*U*
Phenanthrene	100	100	0.0767	*U*	61	*D*	0.0411	*J*	0.12	*D*	0.0827	*J*
Phenol	0.33	100	0.0767	*U*	0.82	*D*	0.022	*U*	0.0512	*U*	0.0478	*U*
Pyrene	100	100	0.0767	*U*	53.9	*D*	0.113		0.184	*D*	0.145	*J*
Pyridine	NA	NA	NA		NA		0.0443	*U*	0.184	*JD*		
Total SVOCs	-	-	0.077		53.9		0.113		0.184		0.145	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		Sample ID	MW-6R 11-12		MW-6R 17-18		MW-7 10-12		MW-8 10-12		MW-9 11-12	
U= Not Detected ≥ indicated value		Sample Date	2015-10-22		2015-10-22		2015-10-22		2015-10-22		2015-10-23	
Data above SCOs shown in **Bold**		Dilution Factor	2		2		2		2		2	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.142	*U*	0.155	*U*	0.166	*U*	0.146	*U*	0.154	*U*
1,2,4-Trichlorobenzene	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
1,2-Dichlorobenzene	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
1,3-Dichlorobenzene	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
1,4-Dichlorobenzene	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.142	*U*	0.155	*U*	0.166	*U*	0.146	*U*	0.154	*U*
2,4,5-Trichlorophenol	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2,4,6-Trichlorophenol	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2,4-Dichlorophenol	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2,4-Dimethylphenol	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2,4-Dinitrophenol	NA	100	0.142	*U*	0.155	*U*	0.166	*U*	0.146	*U*	0.154	*U*
2,4-Dinitrotoluene	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2,6-Dinitrotoluene	NA	1	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2-Chloronaphthalene	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2-Chlorophenol	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2-Methylnaphthalene	NA	0.41	0.0841	*JD*	0.198	*D*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2-Methylphenol	0.33	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
2-Nitroaniline	NA	NA	0.142	*U*	0.155	*U*	0.166	*U*	0.146	*U*	0.154	*U*
2-Nitrophenol	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
3- & 4-Methylphenols	0.33	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
3,3'-Dichlorobenzidine	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
3-Nitroaniline	NA	NA	0.142	*U*	0.155	*U*	0.166	*U*	0.146	*U*	0.154	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.142	*U*	0.155	*U*	0.166	*U*	0.146	*U*	0.154	*U*
4-Bromophenyl phenyl ether	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
4-Chloro-3-methylphenol	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
4-Chloroaniline	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
4-Nitroaniline	NA	NA	0.142	*U*	0.155	*U*	0.166	*U*	0.146	*U*	0.154	*U*
4-Nitrophenol	NA	NA	0.142	*U*	0.155	*U*	0.166	*U*	0.146	*U*	0.154	*U*
Acenaphthene	20	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.145	*JD*	0.0772	*U*
Acenaphthylene	100	100	0.133	*JD*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Acetophenone	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Aniline	NA	100	0.285	*U*	0.31	*U*	0.332	*U*	0.292	*U*	0.309	*U*
Anthracene	100	100	0.129	*JD*	0.178	*D*	0.0831	*U*	0.246	*D*	0.0772	*U*
Atrazine	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Benzaldehyde	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Benzidine	NA	NA	0.285	*U*	0.31	*U*	0.332	*U*	0.292	*U*	0.309	*U*
Benzo(a)anthracene	1	1	0.308	*D*	0.509	*D*	0.0831	*U*	0.58	*D*	0.0772	*U*
Benzo(a)pyrene	1	1	0.161	*D*	0.389	*D*	0.0831	*U*	0.238	*D*	0.0772	*U*
Benzo(b)fluoranthene	1	1	0.164	*D*	0.245	*D*	0.0831	*U*	0.195	*D*	0.0772	*U*
Benzo(g,h,i)perylene	100	100	0.0863	*JD*	0.235	*D*	0.0831	*U*	0.225	*D*	0.0772	*U*
Benzo(k)fluoranthene	0.8	3.9	0.207	*D*	0.31	*D*	0.0831	*U*	0.217	*D*	0.0772	*U*
Benzoic acid	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Benzyl alcohol	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Benzyl butyl phthalate	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Bis(2-chloroethyl)ether	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Caprolactam	NA	NA	0.142	*U*	0.155	*U*	0.166	*U*	0.146	*U*	0.154	*U*
Carbazole	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.129	*JD*	0.0772	*U*
Chrysene	1	3.9	0.381	*D*	0.714	*D*	0.0831	*U*	0.603	*D*	0.0772	*U*
Dibenzo(a,h)anthracene	0.33	0.33	0.0712	*U*	0.134	*JD*	0.0831	*U*	0.167	*D*	0.0772	*U*
Dibenzofuran	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0945	*JD*	0.0772	*U*
Diethyl phthalate	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Dimethyl phthalate	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Di-n-butyl phthalate	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Di-n-octyl phthalate	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Fluoranthene	100	100	0.598	*D*	0.361	*D*	0.0831	*U*	1.3	*D*	0.0862	*JD*
Fluorene	30	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.125	*JD*	0.0772	*U*
Hexachlorobenzene	NA	0	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Hexachlorobutadiene	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Hexachlorocyclopentadiene	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Hexachloroethane	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0712	*U*	0.119	*JD*	0.0831	*U*	0.224	*D*	0.0772	*U*
Isophorone	NA	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Naphthalene	12	100	0.118	*JD*	0.157	*D*	0.0831	*U*	0.192	*D*	0.0772	*U*
Nitrobenzene	NA	15	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
N-Nitrosodimethylamine	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
N-nitroso-di-n-propylamine	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
N-Nitrosodiphenylamine	NA	NA	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Pentachlorophenol	0.8	6.7	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Phenanthrene	100	100	0.425	*D*	0.527	*D*	0.0831	*U*	1.19	*D*	0.0772	*U*
Phenol	0.33	100	0.0712	*U*	0.0777	*U*	0.0831	*U*	0.0731	*U*	0.0772	*U*
Pyrene	100	100	0.602	*D*	0.784	*D*	0.0831	*U*	1.38	*D*	0.0772	*U*
Pyridine	NA	NA	NA		NA		NA		NA		NA	
Total SVOCs	-	-	0.602		0.784		0.083		1.38		0.077	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		Sample ID	MW-9 15-16		MW-10 11-12		MW-10 16-20		MW-10 23-24	
U= Not Detected ≥ indicated value		Sample Date	2015-10-23		2015-10-26		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	50		2		2		2	
SVOCs, 8270	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	NA	NA	3.01	*D*	0.074	*U*	0.076	*U*	0.102	*U*
1,2,4,5-Tetrachlorobenzene	NA	NA	0.439	*U*	0.148	*U*	0.152	*U*	0.203	*U*
1,2,4-Trichlorobenzene	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
1,2-Dichlorobenzene	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
1,3-Dichlorobenzene	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
1,4-Dichlorobenzene	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
2,3,4,6-Tetrachlorophenol	NA	NA	0.439	*U*	0.148	*U*	0.152	*U*	0.203	*U*
2,4,5-Trichlorophenol	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
2,4,6-Trichlorophenol	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
2,4-Dichlorophenol	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
2,4-Dimethylphenol	NA	NA	0.607	*D*	0.074	*U*	0.076	*U*	0.102	*U*
2,4-Dinitrophenol	NA	100	0.439	*U*	0.148	*U*	0.152	*U*	0.203	*U*
2,4-Dinitrotoluene	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
2,6-Dinitrotoluene	NA	1	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
2-Chloronaphthalene	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
2-Chlorophenol	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
2-Methylnaphthalene	NA	0.41	**9.13**	*D*	0.074	*U*	0.076	*U*	0.102	*U*
2-Methylphenol	0.33	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
2-Nitroaniline	NA	NA	0.439	*U*	0.148	*U*	0.152	*U*	0.203	*U*
2-Nitrophenol	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
3- & 4-Methylphenols	0.33	100	1.63	*D*	0.074	*U*	0.076	*U*	0.102	*U*
3,3'-Dichlorobenzidine	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
3-Nitroaniline	NA	NA	0.439	*U*	0.148	*U*	0.152	*U*	0.203	*U*
4,6-Dinitro-2-methylphenol	NA	NA	0.439	*U*	0.148	*U*	0.152	*U*	0.203	*U*
4-Bromophenyl phenyl ether	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
4-Chloro-3-methylphenol	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
4-Chloroaniline	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
4-Chlorophenyl phenyl ether	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
4-Nitroaniline	NA	NA	0.439	*U*	0.148	*U*	0.152	*U*	0.203	*U*
4-Nitrophenol	NA	NA	0.439	*U*	0.148	*U*	0.152	*U*	0.203	*U*
Acenaphthene	20	100	50.4	*D*	0.074	*U*	0.076	*U*	0.102	*U*
Acenaphthylene	100	100	9	*D*	0.074	*U*	0.076	*U*	0.102	*U*
Acetophenone	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Aniline	NA	100	0.879	*U*	0.295	*U*	0.304	*U*	0.407	*U*
Anthracene	100	100	79.7	*D*	0.0967	*JD*	0.076	*U*	0.102	*U*
Atrazine	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Benzaldehyde	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Benzidine	NA	NA	0.879	*U*	0.295	*U*	0.304	*U*	0.407	*U*
Benzo(a)anthracene	1	1	**71.3**	*D*	0.182	*D*	0.076	*U*	0.102	*U*
Benzo(a)pyrene	1	1	**59.3**	*D*	0.127	*JD*	0.076	*U*	0.102	*U*
Benzo(b)fluoranthene	1	1	**35**	*D*	0.0979	*JD*	0.076	*U*	0.102	*U*
Benzo(g,h,i)perylene	100	100	6.96	*D*	0.074	*U*	0.076	*U*	0.102	*U*
Benzo(k)fluoranthene	0.8	3.9	**49.8**	*D*	0.121	*JD*	0.076	*U*	0.102	*U*
Benzoic acid	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Benzyl alcohol	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Benzyl butyl phthalate	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Bis(2-chloroethoxy)methane	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Bis(2-chloroethyl)ether	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Bis(2-chloroisopropyl)ether	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Bis(2-ethylhexyl)phthalate	NA	50	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Caprolactam	NA	NA	0.439	*U*	0.148	*U*	0.152	*U*	0.203	*U*
Carbazole	NA	NA	18.2	*D*	0.074	*U*	0.076	*U*	0.102	*U*
Chrysene	1	3.9	**67.1**	*D*	0.189	*D*	0.076	*U*	0.102	*U*
Dibenzo(a,h)anthracene	0.33	0.33	**4.33**	*D*	0.074	*U*	0.076	*U*	0.102	*U*
Dibenzofuran	NA	NA	40.8	*D*	0.074	*U*	0.076	*U*	0.102	*U*
Diethyl phthalate	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Dimethyl phthalate	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Di-n-butyl phthalate	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Di-n-octyl phthalate	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Fluoranthene	100	100	**133**	*D*	0.55	*D*	0.076	*U*	0.183	*JD*
Fluorene	30	100	58.3	*D*	0.074	*U*	0.076	*U*	0.102	*U*
Hexachlorobenzene	NA	0	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Hexachlorobutadiene	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Hexachlorocyclopentadiene	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Hexachloroethane	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Indeno(1,2,3-cd)pyrene	0.5	0.5	**8.37**	*D*	0.074	*U*	0.076	*U*	0.102	*U*
Isophorone	NA	100	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Naphthalene	12	100	58.9	*D*	0.074	*U*	0.076	*U*	0.136	*JD*
Nitrobenzene	NA	15	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
N-Nitrosodimethylamine	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
N-nitroso-di-n-propylamine	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
N-Nitrosodiphenylamine	NA	NA	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Pentachlorophenol	0.8	6.7	0.22	*U*	0.074	*U*	0.076	*U*	0.102	*U*
Phenanthrene	100	100	**134**	*D*	0.453	*D*	0.076	*U*	0.203	*D*
Phenol	0.33	100	1.16	*D*	0.074	*U*	0.076	*U*	0.102	*U*
Pyrene	100	100	**128**	*D*	0.467	*D*	0.076	*U*	0.131	*JD*
Pyridine	NA	NA	NA		NA		NA		NA	
Total SVOCs	-	-	128		0.467		0.076		0.131	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**SB-01 0-2**		**SB-01 11-13**		**SB-02 0-2**		**SB-02 11-13**		**SB-03 0-2**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-16		2014-09-16		2014-09-16		2014-09-16		2014-09-16	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	4,960		6,980		6,910		11,200		5,640	
Antimony	NA	NA	0.524	*U*	0.569	*U*	0.628		0.589	*U*	1.48	
Arsenic	13	16	2.77		1.86		5.7		2.81		6.58	
Barium	350	400	75		58.2		145		86		182	
Beryllium	7.2	72	0.105	*U*	0.114	*U*	0.107	*U*	0.118	*U*	0.108	*U*
Cadmium	2.5	4.3	0.315	*U*	0.342	*U*	0.321	*U*	0.354	*U*	0.568	
Calcium	NA	NA	10,800		836		9,470		1,630		4,770	
Chromium (trivalent)	30	180	12.6		12.3		20.3		18.3		24.3	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	8.39		5.78		8.88		8.88		7.88	
Copper	50	270	26.6		16.2		101		18.8		**1,560**	
Iron	NA	2,000	**15,700**		**11,300**		**21,000**		**16,600**		**16,900**	
Lead	63	400	76		10.5		254		35.3		377	
Magnesium	NA	NA	6,220		2,120		4,110		2,980		2,370	
Manganese	1,600	2,000	329		102		464		248		528	
Mercury	0.18	0.81	0.331		0.0342	*U*	0.172		0.0394		**0.983**	
Nickel	30	310	14.5		12.1		23.5		13.2		26.7	
Potassium	NA	NA	1,410		1,230		1,480		1,690		890	
Selenium	3.9	180	2.1		1.92		3.62		3.08		3.81	
Silver	2	180	0.524	*U*	0.569	*U*	0.535	*U*	0.589	*U*	4.97	
Sodium	NA	NA	89.5		93.3		159		160		138	
Thallium	NA	NA	1.05	*U*	1.14	*U*	1.07	*U*	1.18	*U*	1.08	*U*
Vanadium	NA	100	18.1		17.8		27.4		28.4		25.6	
Zinc	109	10, 000	102		22.8		708		40.1		769	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**SB-03 11-13**		**SB-04 0-2**		**SB-04 11-13**		**2SB-01 11-12**		**2SB-02 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-16		2014-09-25		2014-09-25		2015-10-23		2015-10-23	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		100	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	5,550		10,200		9,530		7,310		10,100	
Antimony	NA	NA	1.23		0.559	*U*	0.576	*U*	0.54	*U*	0.59	*U*
Arsenic	13	16	**19.1**		3.08		2.17		3.25		2.74	
Barium	350	400	**557**		77.8		54.2		68.1		88.1	
Beryllium	7.2	72	0.129	*U*	0.112	*U*	0.115	*U*	0.108	*U*	0.118	*U*
Cadmium	2.5	4.3	2.09		0.335	*U*	0.346	*U*	0.324	*U*	0.354	*U*
Calcium	NA	NA	9,280		3,690		1,040		21,600		10,100	
Chromium (trivalent)	30	180	22.9		16		14.1		16.3		17.9	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	9.29		8.06		6.51		6.08		8.9	
Copper	50	270	255		23.8		16.3		24.8		34.5	
Iron	NA	2,000	**31,700**		**15,000**		**14,100**		**14,300**		**16,300**	
Lead	63	400	**889**		105		8.26		102		87.4	
Magnesium	NA	NA	2,140		3,230		2,320		4,620		4,100	
Manganese	1,600	2,000	423		264		353		253		408	
Mercury	0.18	0.81	**0.837**		0.135		0.0346	*U*	0.352		0.352	
Nickel	30	310	17.9		18.6		16.3		14.2		18.7	
Potassium	NA	NA	1,110		2,020		1,070		1,610		2,500	
Selenium	3.9	180	6.18		1.12	*U*	1.15	*U*	1.49		1.74	
Silver	2	180	0.644	*U*	0.559	*U*	0.576	*U*	0.54	*U*	0.59	*U*
Sodium	NA	NA	212		336		182		280		194	
Thallium	NA	NA	1.29	*U*	1.12	*U*	1.15	*U*	1.08	*U*	1.18	*U*
Vanadium	NA	100	27.9		23.3		21.1		17.8		26.1	
Zinc	109	10, 000	951		99		24.1		82.7		76.6	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-02 12-16**		**2SB-02 20-24**		**2SB-03 12-14**		**2SB-04 11-12**		**2SB-04 15-16**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-23		2015-10-23		2015-10-26		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	100		100		1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	10,400		5,340		6,760		9,660		4,810	
Antimony	NA	NA	0.597	*U*	0.59	*U*	0.597	*U*	0.566	*U*	0.678	*U*
Arsenic	13	16	4.53		12.9		2.45		1.9		13.4	
Barium	350	400	197		67.4		24.5		48.9		99.3	
Beryllium	7.2	72	0.119	*U*	0.118	*U*	0.201		0.122		0.136	*U*
Cadmium	2.5	4.3	0.358	*U*	0.354	*U*	0.358	*U*	0.339	*U*	0.407	*U*
Calcium	NA	NA	11,500		5,690		887		2,300		28,400	
Chromium (trivalent)	30	180	39		13.2		10.4		15.8		13.9	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	8.92		6.6		6.11		7.85		6.8	
Copper	50	270	20.7		22.5		10.7		12.8		85.4	
Iron	NA	2,000	**16,200**		**14,200**		**13,400**		**16,300**		**17,400**	
Lead	63	400	59.8		91.7		22.9		66.4		330	
Magnesium	NA	NA	5,260		2,420		2,200		3,860		3,220	
Manganese	1,600	2,000	305		166		176		211		235	
Mercury	0.18	0.81	0.258		**1.22**		0.0564		0.0518		**0.983**	
Nickel	30	310	23.1		14.9		12.8		17		36	
Potassium	NA	NA	3,530		2,030		1,050		1,710		546	
Selenium	3.9	180	1.6		1.67		2.03		1.83		3.84	
Silver	2	180	0.597	*U*	0.59	*U*	0.597	*U*	0.566	*U*	0.678	*U*
Sodium	NA	NA	274		197		112		181		412	
Thallium	NA	NA	1.19	*U*	1.18	*U*	1.19	*U*	1.13	*U*	1.36	*U*
Vanadium	NA	100	23.6		17.1		15.1		22.7		27.6	
Zinc	109	10, 000	69.9		129		34.2		45.2		194	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-05 11-12**		**DUP-20151026**		**2SB-06 11-12**		**2SB-06 17-18**		**2SB-07 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		2000		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	5,160		7,170		7,940		5,950		7,260	
Antimony	NA	NA	0.586	*U*	0.651	*U*	0.616	*U*	0.658	*U*	0.588	*U*
Arsenic	13	16	6.42		7.55		2.66		**31.8**		2.5	
Barium	350	400	70.4		94		33.4		**473**		45.9	
Beryllium	7.2	72	0.198		0.377		0.222		0.247		0.14	
Cadmium	2.5	4.3	0.44		0.432		0.37	*U*	0.395	*U*	0.353	*U*
Calcium	NA	NA	35,900		26,200		1,290		12,800		4,370	
Chromium (trivalent)	30	180	9.27		14.9		11.8		19.3		15	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	5.34		6.71		6.89		10.8		6.58	
Copper	50	270	61.6		82.6		12.6		48.4		23	
Iron	NA	2,000	**10,000**		**12,600**		**15,300**		**26,700**		**14,000**	
Lead	63	400	135		286		22.6		247		63	
Magnesium	NA	NA	13,100		11,200		2,450		1,940		3,210	
Manganese	1,600	2,000	345		388		257		449		287	
Mercury	0.18	0.81	0.127		0.25		0.0927		0.131		0.0939	
Nickel	30	310	24.7		35		14.3		24.1		15.3	
Potassium	NA	NA	868		1,010		1,050		748		1,150	
Selenium	3.9	180	1.17	*U*	1.67		1.59		4.7		1.76	
Silver	2	180	0.586	*U*	0.651	*U*	0.616	*U*	0.658	*U*	0.588	*U*
Sodium	NA	NA	144		209		121		226		142	
Thallium	NA	NA	1.17	*U*	1.3	*U*	1.23	*U*	1.32	*U*	1.18	*U*
Vanadium	NA	100	44.7		48.6		16.7		24.1		17.5	
Zinc	109	10, 000	233		328		40.3		286		51.5	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-08 11-12**		**2SB-09 11-12**		**2SB-10 11-12**		**2SB-11 11-12**		**DUP-20151027**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	8,780		6,480		7,950		10,100		9,900	
Antimony	NA	NA	0.563	*U*	0.562	*U*	0.594	*U*	0.594	*U*	0.589	*U*
Arsenic	13	16	3.93		2.73		3		3.88		3.68	
Barium	350	400	71.2		47.5		74.3		62.5		64	
Beryllium	7.2	72	0.113	*U*	0.112	*U*	0.119	*U*	0.275		0.223	
Cadmium	2.5	4.3	0.338	*U*	0.337	*U*	0.357	*U*	0.357	*U*	0.353	*U*
Calcium	NA	NA	2,970		3,660		7,940		1,840		1,820	
Chromium (trivalent)	30	180	16.9		11.7		13.2		14.5		14.3	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	6.9		5.16		8.05		6.54		7.57	
Copper	50	270	85.6		22.1		43.1		19.1		18.4	
Iron	NA	2,000	**13,800**		**14,800**		**14,800**		**15,300**		**15,000**	
Lead	63	400	129		53.5		132		96.8		110	
Magnesium	NA	NA	3,020		2,300		3,850		2,760		3,010	
Manganese	1,600	2,000	271		230		230		183		218	
Mercury	0.18	0.81	0.239		0.113		0.501		0.24		0.213	
Nickel	30	310	22.7		12.3		15.8		14.7		16.4	
Potassium	NA	NA	1,300		911		2,560		1,180		1,260	
Selenium	3.9	180	2		2.42		1.32		1.63		2.59	
Silver	2	180	0.563	*U*	0.562	*U*	0.594	*U*	0.594	*U*	0.589	*U*
Sodium	NA	NA	192		150		204		63.4		40.6	
Thallium	NA	NA	1.13	*U*	1.12	*U*	1.19	*U*	1.19	*U*	1.18	*U*
Vanadium	NA	100	21.7		20.9		24.2		19.9		18.2	
Zinc	109	10, 000	155		67.4		90.3		90.8		105	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-11 12-13**		**2SB-12 11-12**		**2SB-12 12-13**		**2SB-13 11-12**		**2SB-13 16.5**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	7,590		1,620		6,380		4,410		5,650	
Antimony	NA	NA	0.582	*U*	0.581	*U*	0.571	*U*	0.662	*U*	0.586	*U*
Arsenic	13	16	2.34		7.39		2.26		**38.6**		4.72	
Barium	350	400	86		85		35.3		92.1		43.1	
Beryllium	7.2	72	1.53		0.116	*U*	0.114	*U*	0.29		0.143	
Cadmium	2.5	4.3	0.349	*U*	0.349	*U*	0.343	*U*	1.36		0.352	*U*
Calcium	NA	NA	8,010		725		1,050		5,000		1,390	
Chromium (trivalent)	30	180	36.2		5.06		16.8		13.2		12.8	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	16.5		1.8		3.38		6.52		4.07	
Copper	50	270	**419**		8.01		31.2		**2,820**		189	
Iron	NA	2,000	**24,200**		**10,600**		**9,790**		**38,700**		**9,720**	
Lead	63	400	**548**		41.6		6.7		**4,600**	*E*	153	
Magnesium	NA	NA	3,040		289		1,590		1,190		1,800	
Manganese	1,600	2,000	327		19.7		75.4		311		334	
Mercury	0.18	0.81	0.237		0.0528		0.0343	*U*	0.727		**1.04**	
Nickel	30	310	59.4		4.74		10		17.1		6.9	
Potassium	NA	NA	1,060		1,090		814		494		862	
Selenium	3.9	180	2.83		1.87		1.84		6.82		1.47	
Silver	2	180	0.582	*U*	0.581	*U*	0.571	*U*	0.662	*U*	0.586	*U*
Sodium	NA	NA	279		308		48.4		207		687	
Thallium	NA	NA	1.16	*U*	1.16	*U*	1.14	*U*	1.32	*U*	1.17	*U*
Vanadium	NA	100	18.6		15.7		22.4		20.1		15.4	
Zinc	109	10, 000	4,040	*E*	16.4		20.7		2,020	*E*	305	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-13 19-20**		**2SB-14 11-12**		**2SB-14 13**		**2SB-14 19**		**2SB-15 10-11**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	4,280		7,630		3,310		12,800		6,680	
Antimony	NA	NA	1.56	*U*	0.618	*U*	0.623	*U*	1.05	*U*	0.598	*U*
Arsenic	13	16	3.45		4.85		7.94		5.52		8.88	
Barium	350	400	25.1		198		90.7		39.8		134	
Beryllium	7.2	72	0.312	*U*	0.228		0.125	*U*	0.406		0.262	
Cadmium	2.5	4.3	0.935	*U*	0.371	*U*	0.374	*U*	0.632	*U*	0.359	*U*
Calcium	NA	NA	5,660		2,490		3,280		4,490		9,200	
Chromium (trivalent)	30	180	8.76		14.5		10.3		25.1		12.7	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	2.63		8.83		3.91		9.01		6.84	
Copper	50	270	11.9		25		100		15		29.8	
Iron	NA	2,000	**5,470**		**16,800**		**9,570**		**22,800**		**14,100**	
Lead	63	400	23.3		78.1		293		29		314	
Magnesium	NA	NA	3,890		2,530		1,340		6,140		1,990	
Manganese	1,600	2,000	105		152		108		252		356	
Mercury	0.18	0.81	0.0935	*U*	0.192		**2.14**		0.0632	*U*	0.768	
Nickel	30	310	9.34		16.8		9.53		24.4		13.1	
Potassium	NA	NA	985		1,480		684		2,360		899	
Selenium	3.9	180	3.12	*U*	2.6		1.88		4.07		2.15	
Silver	2	180	1.56	*U*	0.618	*U*	0.623	*U*	1.05	*U*	0.598	*U*
Sodium	NA	NA	5,510		63.3		180		1,830		76.5	
Thallium	NA	NA	3.12	*U*	1.24	*U*	1.25	*U*	2.11	*U*	1.2	*U*
Vanadium	NA	100	15		21.5		13.3		35		18.4	
Zinc	109	10, 000	36		209		332		123		117	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-15 12-13**		**2SB-15 19-20**		**2SB-17 6-7**		**2SB-17 15**		**2SB-18 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	8,260		15,500		10,500		17,800		7,680	
Antimony	NA	NA	0.747	*U*	0.674	*U*	0.597	*U*	1.22	*U*	0.58	*U*
Arsenic	13	16	9.91		2.42		12.3		4.43		3.99	
Barium	350	400	216		25.5		189		48.2		150	
Beryllium	7.2	72	0.149	*U*	0.311		0.119	*U*	0.594		0.116	*U*
Cadmium	2.5	4.3	0.448	*U*	0.404	*U*	0.372		0.729	*U*	0.348	*U*
Calcium	NA	NA	7,040		795		13,300		4,090		2,240	
Chromium (trivalent)	30	180	16.4		18.2		19		27		17	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	7.51		6.48		11.1		10		7.77	
Copper	50	270	31.2		11.3		49.9		15.5		68.6	
Iron	NA	2,000	**15,300**		**22,800**		**21,400**		**26,800**		**17,000**	
Lead	63	400	311		9.84		217		32.2		194	
Magnesium	NA	NA	3,220		3,160		5,970		6,220		2,730	
Manganese	1,600	2,000	192		197		584		272		320	
Mercury	0.18	0.81	0.102		0.0736		0.642		0.189		0.344	
Nickel	30	310	15.2		14.4		19.5		28.8		14.2	
Potassium	NA	NA	1,280		763		4,520		3,240		1,510	
Selenium	3.9	180	3.18		3.54		2.65		4.42		2.31	
Silver	2	180	0.747	*U*	0.674	*U*	0.597	*U*	1.22	*U*	0.58	*U*
Sodium	NA	NA	105		472		208		2,410		53.8	
Thallium	NA	NA	1.49	*U*	1.35	*U*	1.19	*U*	2.43	*U*	1.16	*U*
Vanadium	NA	100	21.3		21.7		29.2		45.5		24.1	
Zinc	109	10, 000	155		41.5		178		121		102	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**2SB-18 15-16**		**MW-1 0-2**		**MW-1 11-13**		**MW-2 0-2**		**MW-2 11-13**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-27		2014-09-25		2014-09-25		2014-09-25		2014-09-25	
Data above SCOs shown in **Bold**		Dilution Factor	5000		1		1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	4,050		8,200		2,580		8,830		6,500	
Antimony	NA	NA	49.1		0.526	*U*	1.24		0.533	*U*	0.574	*U*
Arsenic	13	16	**1,030**		4.7		**44.7**		6.03		2.14	
Barium	350	400	121		99		79.7		128		44.1	
Beryllium	7.2	72	1.33	*U*	0.105	*U*	0.116	*U*	0.107	*U*	0.115	*U*
Cadmium	2.5	4.3	3.98	*U*	0.315	*U*	0.348	*U*	0.32	*U*	0.344	*U*
Calcium	NA	NA	6,770		12,900		5,900		6,820		1,720	
Chromium (trivalent)	30	180	18.5		17.4		7.62		15.1		13.1	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	19		7.38		5.34		7.66		4.91	
Copper	50	270	**317**		72.4		22.4		48.1		23.2	
Iron	NA	2,000	**44,500**		**16,400**		**17,700**		**22,800**		**11,000**	
Lead	63	400	**1,000**		157		68		322		37.2	
Magnesium	NA	NA	3,150		4,220		1,580		3,470		1,650	
Manganese	1,600	2,000	114		330		159		335		106	
Mercury	0.18	0.81	**20**		0.147		0.401		0.176		0.0945	
Nickel	30	310	30.3		20.3		14.2		20.6		11.4	
Potassium	NA	NA	628		1,670		348		1,640		841	
Selenium	3.9	180	15.5		1.05	*U*	1.2		1.07	*U*	1.15	*U*
Silver	2	180	6.64	*U*	0.526	*U*	0.58	*U*	0.533	*U*	0.574	*U*
Sodium	NA	NA	133	*U*	211		136		169		150	
Thallium	NA	NA	13.3	*U*	1.05	*U*	1.16	*U*	1.07	*U*	1.15	*U*
Vanadium	NA	100	21		27.2		11.2		30.3		18.7	
Zinc	109	10, 000	210		678		466		230		88.9	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-3 0-2**		**MW-3 11-13**		**MW-4 0-2**		**MW-4R-B 11-12**		**MW-4R-B 15-16**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-25		2014-09-25		2014-10-10		2015-10-23		2015-10-23	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1		1		2000	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	7,400		8,750		5,340		6,850		6,090	
Antimony	NA	NA	0.538	*U*	0.561	*U*	0.508	*U*	0.623	*U*	20.1	
Arsenic	13	16	4.59		1.98		1.9		3.88		**905**	
Barium	350	400	137		102		44.7		73.8		162	
Beryllium	7.2	72	0.108	*U*	0.112	*U*	0.102	*U*	0.125	*U*	0.745	
Cadmium	2.5	4.3	0.323	*U*	0.337	*U*	0.305	*U*	0.374	*U*	0.44	
Calcium	NA	NA	10,700		1,130		5,440		31,900		4,570	
Chromium (trivalent)	30	180	18.2		20.5		11.8		11		27	
Chromium (hexavalent)	1	110	NA		NA		0.508	*U*	NA		NA	
Cobalt	NA	30	8.56		7.18		4.69		4.73		13.2	
Copper	50	270	53		11.5		19.2		13.8		270	
Iron	NA	2,000	**18,600**		**16,700**		**9,660**		**11,700**		**32,100**	
Lead	63	400	149		6.23		65.3		37.4		**686**	
Magnesium	NA	NA	3,670		2,880		3,180		3,930		1,700	
Manganese	1,600	2,000	268		188		251		328		123	
Mercury	0.18	0.81	0.227		0.0337	*U*	0.0432		0.148		0.0415	*U*
Nickel	30	310	19.4		13.5		12.1		10.8		32.2	
Potassium	NA	NA	1,800		3,560		861		988		779	
Selenium	3.9	180	1.08	*U*	1.12	*U*	1.02	*U*	1.46		8.6	
Silver	2	180	0.538	*U*	0.561	*U*	0.508	*U*	0.623	*U*	0.692	*U*
Sodium	NA	NA	170		155		148		180		459	
Thallium	NA	NA	1.08	*U*	1.12	*U*	1.02	*U*	1.25	*U*	1.38	*U*
Vanadium	NA	100	28.7		27.2		15.5		14.9		28.8	
Zinc	109	10, 000	168		70.1		55.7		42.5		145	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-5 0-2**		**MW-5R-A 11-12**		**MW-5R-B 23-24**		**MW-6 0-2**		**MW-6R 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2014-10-10		2015-10-23		2015-10-23		2014-10-10		2015-10-22	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		100		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	4,770		9,050		7,830		5,060		5,750	*B*
Antimony	NA	NA	0.511	*U*	0.612	*U*	0.796	*U*	0.527	*U*	0.568	*U*
Arsenic	13	16	1.88		2.12		10.9		1.51		4.24	
Barium	350	400	47.1		63.9		61.8		31.3		60.1	
Beryllium	7.2	72	0.102	*U*	0.174		0.206		0.105	*U*	0.114	*U*
Cadmium	2.5	4.3	0.306	*U*	0.367	*U*	0.478	*U*	0.316	*U*	0.341	*U*
Calcium	NA	NA	13,600		5,480		6,160		3,770		31,000	
Chromium (trivalent)	30	180	9.25		17.9		18.9		11		12.8	
Chromium (hexavalent)	1	110	0.511	*U*	NA		NA		0.527	*U*	NA	
Cobalt	NA	30	4.54		6.76		6.19		4.39		4.68	
Copper	50	270	19		15.2		41.7		11.2		32.1	
Iron	NA	2,000	**8,790**		**12,900**		**13,900**		**8,600**		**13,000**	
Lead	63	400	40.9		57.6		131		17		124	
Magnesium	NA	NA	6,920		2,670		1,940		3,940		6,310	
Manganese	1,600	2,000	267		250		194		229		332	
Mercury	0.18	0.81	0.171		0.0422		0.537		0.0316	*U*	0.24	
Nickel	30	310	11.8		16		16.4		11.6		13.1	
Potassium	NA	NA	815		1,500		1,210		1,100		627	
Selenium	3.9	180	1.02	*U*	1.22	*U*	2.8		1.05	*U*	1.14	*U*
Silver	2	180	0.511	*U*	0.612	*U*	0.796	*U*	0.527	*U*	0.568	*U*
Sodium	NA	NA	160		208		477		208		156	
Thallium	NA	NA	1.02	*U*	1.22	*U*	1.59	*U*	1.05	*U*	1.14	*U*
Vanadium	NA	100	15.4		20.3		21.2		17.9		15	
Zinc	109	10, 000	47.6		35		179		31.4		65.3	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-6R 17-18**		**MW-7 10-12**		**MW-8 10-12**		**MW-09 11-12**		**MW-09 15-16**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-22		2015-10-22		2015-10-22		2015-10-23		2015-10-23	
Data above SCOs shown in **Bold**		Dilution Factor	1000		1		1		1		100	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	2,360	*B*	7,060	*B*	4,210	*B*	9,440		8,510	
Antimony	NA	NA	0.62	*U*	0.662	*U*	0.765		0.616	*U*	0.702	*U*
Arsenic	13	16	9.18		3.07		7.6		2.68		**20.2**	
Barium	350	400	96.1		55.4		**451**		179		197	
Beryllium	7.2	72	0.124	*U*	0.132	*U*	0.117	*U*	0.123	*U*	0.424	
Cadmium	2.5	4.3	0.372	*U*	0.397	*U*	0.928		0.37	*U*	0.421	*U*
Calcium	NA	NA	3,690		5,860		7,310		3,580		9,310	
Chromium (trivalent)	30	180	5.53		12.9		18.7		14.3		12.3	
Chromium (hexavalent)	1	110	NA		NA		NA		NA		NA	
Cobalt	NA	30	3.76		5.81		5.29		7.53		6.23	
Copper	50	270	27.1		21.3		111		13.6		24.3	
Iron	NA	2,000	**9,860**		**14,100**		**10,900**		**15,600**		**18,200**	
Lead	63	400	244		55.7		**777**		37.5		62.2	
Magnesium	NA	NA	877		3,300		2,160		2,870		1,980	
Manganese	1,600	2,000	76.4		328		235		346		172	
Mercury	0.18	0.81	0.2		0.145		**1.76**		0.126		0.256	
Nickel	30	310	8.54		12		13.4		15.1		19.4	
Potassium	NA	NA	447		1,060		663		1,870		562	
Selenium	3.9	180	1.24	*U*	1.32	*U*	1.17	*U*	1.87		5.47	
Silver	2	180	0.62	*U*	0.662	*U*	0.583	*U*	0.616	*U*	0.702	*U*
Sodium	NA	NA	158		129		161		153		1,130	
Thallium	NA	NA	1.24	*U*	1.32	*U*	1.17	*U*	1.23	*U*	1.4	*U*
Vanadium	NA	100	8.22		17.1		17.5		20.8		31.1	
Zinc	109	10, 000	104		37.6		502		48.8		188	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: TAL Metals in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-10 11-12**		**MW-10 16-20**		**MW-10 23-24**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-26		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	1		1		1	
Metals, 6010 and 7473	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	NA	10,200		5,940		9,930	
Antimony	NA	NA	0.59	*U*	0.606	*U*	0.811	*U*
Arsenic	13	16	2.24		1.59		2.69	
Barium	350	400	129		33.1		53	
Beryllium	7.2	72	0.118	*U*	0.121	*U*	0.162	*U*
Cadmium	2.5	4.3	0.354	*U*	0.364	*U*	0.487	*U*
Calcium	NA	NA	12,200		787		1,580	
Chromium (trivalent)	30	180	22.2		11.7		18.6	
Chromium (hexavalent)	1	110	NA		NA		NA	
Cobalt	NA	30	11.1		5.1		7.94	
Copper	50	270	36.2		10.7		17.4	
Iron	NA	2,000	**18,200**		**10,200**		**14,400**	
Lead	63	400	356		7.46		10.4	
Magnesium	NA	NA	5,100		1,580		2,850	
Manganese	1,600	2,000	395		82		171	
Mercury	0.18	0.81	0.568		0.0364	*U*	0.0487	*U*
Nickel	30	310	23.2		10.4		17.5	
Potassium	NA	NA	3,610		875		1,510	
Selenium	3.9	180	2.04		1.21	*U*	1.62	*U*
Silver	2	180	0.59	*U*	0.606	*U*	0.811	*U*
Sodium	NA	NA	250		144		803	
Thallium	NA	NA	1.18	*U*	1.21	*U*	1.62	*U*
Vanadium	NA	100	26.7		15.6		23.7	
Zinc	109	10, 000	152		23.7		32	

Detected Concentrations
Concentrations > UUSCOs
Concentrations > RRUSCOs

Note: Duplicates located in column to right of sample

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: Pesticides and PCBs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**SB-01 0-2**		**SB-01 11-13**		**SB-02 0-2**		**SB-02 11-13**		**SB-03 0-2**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-16		2014-09-16		2014-09-16		2014-09-16		2014-09-16	
Data above SCOs shown in **Bold**		Dilution Factor	5		5		5		5		5	
Pesticides, 8081	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
4,4'-DDD	0.0033	13	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
4,4'-DDE	0.0033	8.9	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
4,4'-DDT	0.0033	7.9	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Aldrin	0.005	0.097	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
alpha-BHC	0.02	0.48	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
alpha-Chlordane	0.094	4.2	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
beta-BHC	0.036	0.36	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Chlordane (total)	NA	NA	0.0692	*U*	0.0752	*U*	0.0707	*U*	0.0778	*U*	0.0713	*U*
delta-BHC	0.04	100	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Dieldrin	0.005	0.2	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Endosulfan I	2.4	24	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Endosulfan II	2.4	24	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Endosulfan sulfate	2.4	24	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Endrin	0.014	11	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Endrin aldehyde	NA	NA	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Endrin ketone	NA	NA	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
gamma-BHC (Lindane)	0.1	1.3	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
gamma-Chlordane	NA	0.54#	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Heptachlor	0.042	2.1	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Heptachlor Epoxide	NA	0.077#	0.00173	*U*	0.00188	*U*	0.00177	*U*	0.00195	*U*	0.00178	*U*
Methoxychlor	NA	100#	0.00865	*U*	0.0094	*U*	0.00883	*U*	0.00973	*U*	0.00891	*U*
Toxaphene	NA	NA	0.0876	*U*	0.0951	*U*	0.0894	*U*	0.0984	*U*	0.0902	*U*

		Sample ID	**SB-01 0-2**		**SB-01 11-13**		**SB-02 0-2**		**SB-02 11-13**		**SB-03 0-2**	
		Sample Date	9/16/2014		9/16/2014		9/16/2014		2014-09-16		9/16/2014	
		Dilution Factor	1		1		1		1		1	
PCBs, 8082	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aroclor 1016	0.1	1.00	0.0175	*U*	0.019	*U*	0.0178	*U*	0.0196	*U*	0.018	*U*
Aroclor 1221	0.1	1.00	0.0175	*U*	0.019	*U*	0.0178	*U*	0.0196	*U*	0.018	*U*
Aroclor 1232	0.1	1.00	0.0175	*U*	0.019	*U*	0.0178	*U*	0.0196	*U*	0.018	*U*
Aroclor 1242	0.1	1.00	0.0175	*U*	0.019	*U*	0.0178	*U*	0.0196	*U*	0.018	*U*
Aroclor 1248	0.1	1.00	0.0175	*U*	0.019	*U*	0.0178	*U*	0.0196	*U*	0.018	*U*
Aroclor 1254	0.1	1.00	0.0175	*U*	0.019	*U*	0.0178	*U*	0.0196	*U*	0.018	*U*
Aroclor 1260	0.1	1.00	0.0175	*U*	0.019	*U*	0.0178	*U*	0.0196	*U*	0.018	*U*
Aroclor, Total	0.1	1.00	0.0175	*U*	0.019	*U*	0.0178	*U*	0.0196	*U*	0.018	*U*

Detected Concentrations

Concentrations > UUSCOs

Concentrations > RRUSCOs

 # = Supplemental SCO

(NYSDEC CP-51 Table 1)

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: Pesticides and PCBs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**SB-03 11-13**		**SB-04 0-2**		**SB-04 11-13**		**2SB-03 12-14**		**2SB-04 11-12**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-16		2014-09-25		2014-09-25		2015-10-26		2015-10-26	
Data above SCOs shown in **Bold**		Dilution Factor	5		5		5		5		5	
Pesticides, 8081	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
4,4'-DDD	0.0033	13	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
4,4'-DDE	0.0033	8.9	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
4,4'-DDT	0.0033	7.9	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Aldrin	0.005	0.097	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
alpha-BHC	0.02	0.48	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
alpha-Chlordane	0.094	4.2	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
beta-BHC	0.036	0.36	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Chlordane (total)	NA	NA	0.085	*U*	0.0738	*U*	0.076	*U*	0.0789	*U*	0.0746	*U*
delta-BHC	0.04	100	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Dieldrin	0.005	0.2	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Endosulfan I	2.4	24	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Endosulfan II	2.4	24	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Endosulfan sulfate	2.4	24	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Endrin	0.014	11	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Endrin aldehyde	NA	NA	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Endrin ketone	NA	NA	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
gamma-BHC (Lindane)	0.1	1.3	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
gamma-Chlordane	NA	0.54#	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Heptachlor	0.042	2.1	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Heptachlor Epoxide	NA	0.077#	0.00212	*U*	0.00184	*U*	0.0019	*U*	0.00197	*U*	0.00187	*U*
Methoxychlor	NA	100#	0.0106	*U*	0.00922	*U*	0.0095	*U*	0.00986	*U*	0.00933	*U*
Toxaphene	NA	NA	0.107	*U*	0.0933	*U*	0.0962	*U*	0.0998	*U*	0.0944	*U*

		Sample ID	**SB-03 11-13**		**SB-04 0-2**		**SB-04 11-13**		**2SB-03 12-14**		**2SB-04 11-12**	
		Sample Date	2014-09-16		9/25/2014		9/25/2014		2015-10-26		2015-10-26	
		Dilution Factor	1		1		1		1		1	
PCBs, 8082	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aroclor 1016	0.1	1.00	0.0214	*U*	0.0186	*U*	0.0192	*U*	0.0199	*U*	0.0188	*U*
Aroclor 1221	0.1	1.00	0.0214	*U*	0.0186	*U*	0.0192	*U*	0.0199	*U*	0.0188	*U*
Aroclor 1232	0.1	1.00	0.0214	*U*	0.0186	*U*	0.0192	*U*	0.0199	*U*	0.0188	*U*
Aroclor 1242	0.1	1.00	0.0214	*U*	0.0186	*U*	0.0192	*U*	0.0199	*U*	0.0188	*U*
Aroclor 1248	0.1	1.00	0.0214	*U*	0.0186	*U*	0.0192	*U*	0.0199	*U*	0.0188	*U*
Aroclor 1254	0.1	1.00	0.0214	*U*	0.0186	*U*	0.0192	*U*	0.0199	*U*	0.0188	*U*
Aroclor 1260	0.1	1.00	0.0214	*U*	0.0186	*U*	0.0192	*U*	0.0199	*U*	0.0188	*U*
Aroclor, Total	0.1	1.00	0.0214	*U*	0.0186	*U*	0.0192	*U*	0.0199	*U*	0.0188	*U*

Detected Concentrations

Concentrations > UUSCOs

Concentrations > RRUSCOs

 # = Supplemental SCO

(NYSDEC CP-51 Table 1)

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: Pesticides and PCBs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-1 0-2**		**MW-1 11-13**		**MW-2 0-2**		**MW-2 11-13**		**MW-3 0-2**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-25		2014-09-25		2014-09-25		2014-09-25		2014-09-25	
Data above SCOs shown in **Bold**		Dilution Factor	5		5		5		5		5	
Pesticides, 8081	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
4,4'-DDD	0.0033	13	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
4,4'-DDE	0.0033	8.9	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00194	*D*
4,4'-DDT	0.0033	7.9	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.0088	*D*
Aldrin	0.005	0.097	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
alpha-BHC	0.02	0.48	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
alpha-Chlordane	0.094	4.2	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
beta-BHC	0.036	0.36	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Chlordane (total)	NA	NA	0.0694	*U*	0.0765	*U*	0.0703	*U*	0.0758	*U*	0.071	*U*
delta-BHC	0.04	100	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Dieldrin	0.005	0.2	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Endosulfan I	2.4	24	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Endosulfan II	2.4	24	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Endosulfan sulfate	2.4	24	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Endrin	0.014	11	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Endrin aldehyde	NA	NA	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Endrin ketone	NA	NA	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
gamma-BHC (Lindane)	0.1	1.3	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
gamma-Chlordane	NA	0.54#	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Heptachlor	0.042	2.1	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Heptachlor Epoxide	NA	0.077#	0.00173	*U*	0.00191	*U*	0.00176	*U*	0.00189	*U*	0.00177	*U*
Methoxychlor	NA	100#	0.00867	*U*	0.00956	*U*	0.00879	*U*	0.00947	*U*	0.00887	*U*
Toxaphene	NA	NA	0.0878	*U*	0.0968	*U*	0.089	*U*	0.0959	*U*	0.0898	*U*

		Sample ID	**MW-1 0-2**		**MW-1 11-13**		**MW-2 0-2**		**MW-2 11-13**		**MW-3 0-2**	
		Sample Date	9/25/2014		9/25/2014		9/25/2014		9/25/2014		9/25/2014	
		Dilution Factor	1		1		1		1		1	
PCBs, 8082	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aroclor 1016	0.1	1.00	0.0175	*U*	0.0193	*U*	0.0177	*U*	0.0191	*U*	0.0179	*U*
Aroclor 1221	0.1	1.00	0.0175	*U*	0.0193	*U*	0.0177	*U*	0.0191	*U*	0.0179	*U*
Aroclor 1232	0.1	1.00	0.0175	*U*	0.0193	*U*	0.0177	*U*	0.0191	*U*	0.0179	*U*
Aroclor 1242	0.1	1.00	0.0175	*U*	0.0193	*U*	0.0177	*U*	0.0191	*U*	0.0179	*U*
Aroclor 1248	0.1	1.00	0.0175	*U*	0.0193	*U*	0.0177	*U*	0.0191	*U*	0.0179	*U*
Aroclor 1254	0.1	1.00	0.0175	*U*	0.0193	*U*	0.0177	*U*	0.0191	*U*	0.0179	*U*
Aroclor 1260	0.1	1.00	0.0175	*U*	0.0193	*U*	0.0177	*U*	0.0191	*U*	0.0179	*U*
Aroclor, Total	0.1	1.00	0.0175	*U*	0.0193	*U*	0.0177	*U*	0.0191	*U*	0.0179	*U*

Detected Concentrations

Concentrations > UUSCOs

Concentrations > RRUSCOs

 # = Supplemental SCO

(NYSDEC CP-51 Table 1)

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: Pesticides and PCBs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-3 11-13**		**MW-4 0-2**		**MW-5 0-2**		**MW-6 0-2**		**MW-7 10-12**	
U= Not Detected ≥ indicated value		Sample Date	2014-09-25		2014-10-10		2014-10-10		2014-10-10		2015-10-22	
Data above SCOs shown in **Bold**		Dilution Factor	5		5		5		5		5	
Pesticides, 8081	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
4,4'-DDD	0.0033	13	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
4,4'-DDE	0.0033	8.9	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
4,4'-DDT	0.0033	7.9	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Aldrin	0.005	0.097	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
alpha-BHC	0.02	0.48	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
alpha-Chlordane	0.094	4.2	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
beta-BHC	0.036	0.36	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Chlordane (total)	NA	NA	0.0741	*U*	0.067	*U*	0.0674	*U*	0.0695	*U*	0.0874	*U*
delta-BHC	0.04	100	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Dieldrin	0.005	0.2	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Endosulfan I	2.4	24	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Endosulfan II	2.4	24	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Endosulfan sulfate	2.4	24	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Endrin	0.014	11	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Endrin aldehyde	NA	NA	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Endrin ketone	NA	NA	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
gamma-BHC (Lindane)	0.1	1.3	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
gamma-Chlordane	NA	0.54#	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Heptachlor	0.042	2.1	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Heptachlor Epoxide	NA	0.077#	0.00185	*U*	0.00168	*U*	0.00169	*U*	0.00174	*U*	0.00219	*U*
Methoxychlor	NA	100#	0.00926	*U*	0.00838	*U*	0.00843	*U*	0.00869	*U*	0.0109	*U*
Toxaphene	NA	NA	0.0937	*U*	0.0848	*U*	0.0853	*U*	0.088	*U*	0.111	*U*

		Sample ID	**MW-3 11-13**		**MW-4 0-2**		**MW-5 0-2**		**MW-6 0-2**		**MW-7 10-12**	
		Sample Date	9/25/2014		10/10/2014		10/10/2014		10/10/2014		2015-10-22	
		Dilution Factor	1		1		1		1		1	
PCBs, 8082	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aroclor 1016	0.1	1.00	0.0187	*U*	0.0169	*U*	0.017	*U*	0.0176	*U*	0.0221	*U*
Aroclor 1221	0.1	1.00	0.0187	*U*	0.0169	*U*	0.017	*U*	0.0176	*U*	0.0221	*U*
Aroclor 1232	0.1	1.00	0.0187	*U*	0.0169	*U*	0.017	*U*	0.0176	*U*	0.0221	*U*
Aroclor 1242	0.1	1.00	0.0187	*U*	0.0169	*U*	0.017	*U*	0.0176	*U*	0.0221	*U*
Aroclor 1248	0.1	1.00	0.0187	*U*	0.0169	*U*	0.017	*U*	0.0176	*U*	0.0221	*U*
Aroclor 1254	0.1	1.00	0.0187	*U*	0.0169	*U*	0.017	*U*	0.0176	*U*	0.0221	*U*
Aroclor 1260	0.1	1.00	0.0187	*U*	0.0169	*U*	0.027		0.0176	*U*	0.0221	*U*
Aroclor, Total	0.1	1.00	0.0187	*U*	0.0169	*U*	0.027		0.0176	*U*	0.0221	*U*

Detected Concentrations

Concentrations > UUSCOs

Concentrations > RRUSCOs

 # = Supplemental SCO

(NYSDEC CP-51 Table 1)

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: Pesticides and PCBs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

All data in mg/Kg (ppm)		**Sample ID**	**MW-8 10-12**	
U= Not Detected ≥ indicated value		Sample Date	2015-10-22	
Data above SCOs shown in **Bold**		Dilution Factor	5	
Pesticides, 8081	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*
4,4'-DDD	0.0033	13	0.00192	*U*
4,4'-DDE	0.0033	8.9	0.00192	*U*
4,4'-DDT	0.0033	7.9	0.00192	*U*
Aldrin	0.005	0.097	0.00192	*U*
alpha-BHC	0.02	0.48	0.00192	*U*
alpha-Chlordane	0.094	4.2	0.00192	*U*
beta-BHC	0.036	0.36	0.00192	*U*
Chlordane (total)	NA	NA	0.077	*U*
delta-BHC	0.04	100	0.00192	*U*
Dieldrin	0.005	0.2	0.00192	*U*
Endosulfan I	2.4	24	0.00192	*U*
Endosulfan II	2.4	24	0.00192	*U*
Endosulfan sulfate	2.4	24	0.00192	*U*
Endrin	0.014	11	0.00192	*U*
Endrin aldehyde	NA	NA	0.00192	*U*
Endrin ketone	NA	NA	0.00192	*U*
gamma-BHC (Lindane)	0.1	1.3	0.00192	*U*
gamma-Chlordane	NA	0.54#	0.00192	*U*
Heptachlor	0.042	2.1	0.00192	*U*
Heptachlor Epoxide	NA	0.077#	0.00192	*U*
Methoxychlor	NA	100#	0.00962	*U*
Toxaphene	NA	NA	0.0974	*U*

		Sample ID	**MW-8 10-12**	
		Sample Date	2015-10-22	
		Dilution Factor	1	
PCBs, 8082	**UUSCO**	**RRUSCO**	*Result*	*Qualifier*
Aroclor 1016	0.1	1.00	0.0194	*U*
Aroclor 1221	0.1	1.00	0.0194	*U*
Aroclor 1232	0.1	1.00	0.0194	*U*
Aroclor 1242	0.1	1.00	0.0194	*U*
Aroclor 1248	0.1	1.00	0.0194	*U*
Aroclor 1254	0.1	1.00	0.0194	*U*
Aroclor 1260	0.1	1.00	0.0194	*U*
Aroclor, Total	0.1	1.00	0.0194	*U*

Detected Concentrations

Concentrations > UUSCOs

Concentrations > RRUSCOs

 # = Supplemental SCO

(NYSDEC CP-51 Table 1)

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 6: VOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-01 11-12		2SB-02 11-12		2SB-02 12-16		2SB-02 20-24		2SB-03 12-14		2SB-04 11-12	
Sample Date	2015-10-23		2015-10-23		2015-10-23		2015-10-23		2015-10-26		2015-10-26	
All data in mg/Kg (ppm) Dilution Factor	1		100		100		100		1		1	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,2,4,5-Tetramethylbenzene												
alkyl benzene isomers												
alkyl cyclohexane isomers												
benzo thiophene isomer												
benzofuran isomer												
Butynyl Benzene isomer												
cyclopentane isomers												
decahydro dimethyl naphthalene isomer												
dihydro alkyl indene isomers												
dihydro methyl indene isomer												
Dihydro Trimethyl Indene isomer												
dimethyl Cyclohexane isomers												
dimethyl cyclohexanone isomer												
Dimethyl Cyclopentane isomer												
dimethyl cyclopentane isomers												
dimethyl Heptane isomer												
dimethyl heptane isomers												
dimethyl hexadiene isomer												
dimethyl Hexane isomer												
dimethyl hexane isomers												
dimethyl Naphthalene isomer												
dimethyl naphthalene isomers							6.4	JDN				
dimethyl octane isomer												
Dimethyl Pentane isomer												
dimethyl pentane isomers												
dimethylcyclopentane isomer												
ethyl Cyclohexane isomer												
ethyl Hexane isomer												
Ethyl Methyl Benzene isomer												
Heptane												
Heptene isomer												
Hexacosanal isomer												
Hexane												
indan isomer												
indane isomer					1.3	JDN	3.9	JDN				
indene isomer												
methyl benzofuran isomer												
methyl benzofuran isomers												
methyl butane isomers												
methyl ethyl benzene isomer												
methyl Heptane isomer												
methyl Heptane isomers												
Methyl Hexane isomer												
methyl hexane isomers												
Methyl Indan isomer												
methyl Nonane isomer												
methyl Octane isomer												
methyl octane isomers												
methyl Pentadecane isomer												
methyl Pentane isomer												
Methyl thiophene isomer			5	JDN	49	JDN	79	JDN				
Naphthalene												
nonane isomer												
Octane isomer												
Pentatriacontane isomer												
p-Ethyltoluene												
propenyl Cyclohexane isomer												
propyl Cyclohexane isomer												
Pyridine isomer												
Trimethyl Benzene isomer												
Trimethyl cyclohexane isomer												
trimethyl cyclopentane isomers												
unknonw aliphatic hydrocarbon isomer												
unknown												
unknown acetamide isomer												
Unknown silane isomer												
Unknown silane isomers												
unknown siloxane isomer												
TOTAL TICS	**ND**		**5**		**50.3**		**89.3**		**ND**		**ND**	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 6: VOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-04 15-16		2SB-05 11-12		DUP-20151026		2SB-06 11-12		2SB-06 17-18		2SB-07 11-12	
Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-26		2015-10-26		2015-10-26	
All data in mg/Kg (ppm) Dilution Factor	1		1		1		1		500		1	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,2,4,5-Tetramethylbenzene												
alkyl benzene isomers												
alkyl cyclohexane isomers									280	JDN		
benzo thiophene isomer												
benzofuran isomer												
Butynyl Benzene isomer												
cyclopentane isomers												
decahydro dimethyl naphthalene isomer	0.13	JN										
dihydro alkyl indene isomers												
dihydro methyl indene isomer												
Dihydro Trimethyl Indene isomer												
dimethyl Cyclohexane isomers	0.83	JN										
dimethyl cyclohexanone isomer												
Dimethyl Cyclopentane isomer									29	JDN		
dimethyl cyclopentane isomers												
dimethyl Heptane isomer												
dimethyl heptane isomers												
dimethyl hexadiene isomer												
dimethyl Hexane isomer												
dimethyl hexane isomers									57	JDN		
dimethyl Naphthalene isomer												
dimethyl naphthalene isomers												
dimethyl octane isomer												
Dimethyl Pentane isomer												
dimethyl pentane isomers	0.85	JN										
dimethylcyclopentane isomer	0.12	JN										
ethyl Cyclohexane isomer												
ethyl Hexane isomer												
Ethyl Methyl Benzene isomer												
Heptane												
Heptene isomer	0.24	JN										
Hexacosanal isomer	0.14	JN										
Hexane												
indan isomer												
indane isomer												
indene isomer												
methyl benzofuran isomer												
methyl benzofuran isomers												
methyl butane isomers	0.61	JN										
methyl ethyl benzene isomer												
methyl Heptane isomer	0.2	JN							43	JDN		
methyl Heptane isomers												
Methyl Hexane isomer									79	JDN		
methyl hexane isomers												
Methyl Indan isomer												
methyl Nonane isomer									29	JDN		
methyl Octane isomer									34	JDN		
methyl octane isomers												
methyl Pentadecane isomer												
methyl Pentane isomer									23	JDN		
Methyl thiophene isomer												
Naphthalene												
nonane isomer									52	JDN		
Octane isomer												
Pentatriacontane isomer	0.17	JN										
p-Ethyltoluene												
propenyl Cyclohexane isomer												
propyl Cyclohexane isomer												
Pyridine isomer												
Trimethyl Benzene isomer												
Trimethyl cyclohexane isomer												
trimethyl cyclopentane isomers												
unknonw aliphatic hydrocarbon isomer							0.0059	JN				
unknown												
unknown acetamide isomer												
Unknown silane isomer												
Unknown silane isomers			0.016	JN								
unknown siloxane isomer												
TOTAL TICS	**3.29**		**0.016**		**ND**		**0.006**		**626**		**ND**	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 6: VOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-08 11-12		2SB-09 11-12		2SB-10 11-12		2SB-11 11-12		DUP-20151027		2SB-11 12-13	
Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-27		2015-10-27		2015-10-27	
All data in mg/Kg (ppm) Dilution Factor	1		1		1		1		1		1	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,2,4,5-Tetramethylbenzene												
alkyl benzene isomers												
alkyl cyclohexane isomers												
benzo thiophene isomer												
benzofuran isomer												
Butynyl Benzene isomer												
cyclopentane isomers												
decahydro dimethyl naphthalene isomer												
dihydro alkyl indene isomers												
dihydro methyl indene isomer												
Dihydro Trimethyl Indene isomer									0.0058	JN		
dimethyl Cyclohexane isomers												
dimethyl cyclohexanone isomer												
Dimethyl Cyclopentane isomer												
dimethyl cyclopentane isomers												
dimethyl Heptane isomer												
dimethyl heptane isomers												
dimethyl hexadiene isomer												
dimethyl Hexane isomer												
dimethyl hexane isomers												
dimethyl Naphthalene isomer												
dimethyl naphthalene isomers									0.034	JN		
dimethyl octane isomer												
Dimethyl Pentane isomer												
dimethyl pentane isomers												
dimethylcyclopentane isomer												
ethyl Cyclohexane isomer												
ethyl Hexane isomer												
Ethyl Methyl Benzene isomer												
Heptane												
Heptene isomer												
Hexacosanal isomer												
Hexane												
indan isomer												
indane isomer												
indene isomer												
methyl benzofuran isomer												
methyl benzofuran isomers												
methyl butane isomers												
methyl ethyl benzene isomer												
methyl Heptane isomer												
methyl Heptane isomers												
Methyl Hexane isomer												
methyl hexane isomers												
Methyl Indan isomer												
methyl Nonane isomer												
methyl Octane isomer												
methyl octane isomers												
methyl Pentadecane isomer												
methyl Pentane isomer												
Methyl thiophene isomer												
Naphthalene												
nonane isomer												
Octane isomer												
Pentatriacontane isomer												
p-Ethyltoluene												
propenyl Cyclohexane isomer												
propyl Cyclohexane isomer												
Pyridine isomer												
Trimethyl Benzene isomer												
Trimethyl cyclohexane isomer												
trimethyl cyclopentane isomers												
unknonw aliphatic hydrocarbon isomer												
unknown					0.012	JN						
unknown acetamide isomer							0.0048	JN				
Unknown silane isomer											0.0068	JN
Unknown silane isomers												
unknown siloxane isomer												
TOTAL TICS	**ND**		**ND**		**0.012**		**0.005**		**0.040**		**0.007**	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 6: VOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-12 11-12		2SB-12 12-13		2SB-13 11-12		2SB-13 16.5		2SB-13 19-20		2SB-14 11-12	
Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
All data in mg/Kg (ppm) Dilution Factor	1		1		1		1		1		1	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,2,4,5-Tetramethylbenzene												
alkyl benzene isomers									0.95	JN		
alkyl cyclohexane isomers												
benzo thiophene isomer												
benzofuran isomer									0.4	JN		
Butynyl Benzene isomer												
cyclopentane isomers												
decahydro dimethyl naphthalene isomer												
dihydro alkyl indene isomers												
dihydro methyl indene isomer												
Dihydro Trimethyl Indene isomer												
dimethyl Cyclohexane isomers												
dimethyl cyclohexanone isomer												
Dimethyl Cyclopentane isomer												
dimethyl cyclopentane isomers												
dimethyl Heptane isomer												
dimethyl heptane isomers												
dimethyl hexadiene isomer												
dimethyl Hexane isomer												
dimethyl hexane isomers												
dimethyl Naphthalene isomer												
dimethyl naphthalene isomers									0.1	JN	0.011	JN
dimethyl octane isomer												
Dimethyl Pentane isomer												
dimethyl pentane isomers												
dimethylcyclopentane isomer												
ethyl Cyclohexane isomer												
ethyl Hexane isomer												
Ethyl Methyl Benzene isomer												
Heptane												
Heptene isomer												
Hexacosanal isomer												
Hexane									0	JN		
indan isomer												
indane isomer							0.12	JN				
indene isomer									0.53	JN		
methyl benzofuran isomer												
methyl benzofuran isomers												
methyl butane isomers												
methyl ethyl benzene isomer												
methyl Heptane isomer												
methyl Heptane isomers												
Methyl Hexane isomer												
methyl hexane isomers												
Methyl Indan isomer												
methyl Nonane isomer												
methyl Octane isomer												
methyl octane isomers												
methyl Pentadecane isomer												
methyl Pentane isomer												
Methyl thiophene isomer									0.032	JN		
Naphthalene							0.76	JN	1.2	JN		
nonane isomer												
Octane isomer												
Pentatriacontane isomer												
p-Ethyltoluene									0.038	JN		
propenyl Cyclohexane isomer												
propyl Cyclohexane isomer												
Pyridine isomer									0.037	JN		
Trimethyl Benzene isomer												
Trimethyl cyclohexane isomer												
trimethyl cyclopentane isomers												
unknonw aliphatic hydrocarbon isomer												
unknown												
unknown acetamide isomer												
Unknown silane isomer					0.011	JN						
Unknown silane isomers												
unknown siloxane isomer												
TOTAL TICS	**ND**		**ND**		**0.011**		**0.88**		**3.32**		**0.01**	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 6: VOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-14 13		2SB-14 19		2SB-15 10-11		2SB-15 12-13		2SB-15 19-20		2SB-17 6-7	
Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
All data in mg/Kg (ppm) Dilution Factor	1		1		1		1		1		1	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,2,4,5-Tetramethylbenzene	0	JN										
alkyl benzene isomers	0.25	JN										
alkyl cyclohexane isomers												
benzo thiophene isomer	0.034	JN										
benzofuran isomer												
Butynyl Benzene isomer												
cyclopentane isomers												
decahydro dimethyl naphthalene isomer												
dihydro alkyl indene isomers	0.33	JN										
dihydro methyl indene isomer												
Dihydro Trimethyl Indene isomer												
dimethyl Cyclohexane isomers												
dimethyl cyclohexanone isomer												
Dimethyl Cyclopentane isomer												
dimethyl cyclopentane isomers												
dimethyl Heptane isomer												
dimethyl heptane isomers												
dimethyl hexadiene isomer												
dimethyl Hexane isomer												
dimethyl hexane isomers												
dimethyl Naphthalene isomer					0.0054	JN						
dimethyl naphthalene isomers			0.1	JN								
dimethyl octane isomer												
Dimethyl Pentane isomer												
dimethyl pentane isomers												
dimethylcyclopentane isomer												
ethyl Cyclohexane isomer												
ethyl Hexane isomer												
Ethyl Methyl Benzene isomer												
Heptane												
Heptene isomer												
Hexacosanal isomer												
Hexane												
indan isomer												
indane isomer	0.61	JN										
indene isomer	0.088	JN										
methyl benzofuran isomer	0.08	JN										
methyl benzofuran isomers												
methyl butane isomers												
methyl ethyl benzene isomer												
methyl Heptane isomer												
methyl Heptane isomers												
Methyl Hexane isomer												
methyl hexane isomers												
Methyl Indan isomer												
methyl Nonane isomer												
methyl Octane isomer												
methyl octane isomers												
methyl Pentadecane isomer												
methyl Pentane isomer												
Methyl thiophene isomer												
Naphthalene	2.7	JN	0.25	JN	0.018	JN						
nonane isomer												
Octane isomer												
Pentatriacontane isomer												
p-Ethyltoluene												
propenyl Cyclohexane isomer												
propyl Cyclohexane isomer												
Pyridine isomer												
Trimethyl Benzene isomer												
Trimethyl cyclohexane isomer												
trimethyl cyclopentane isomers												
unknonw aliphatic hydrocarbon isomer												
unknown												
unknown acetamide isomer												
Unknown silane isomer												
Unknown silane isomers												
unknown siloxane isomer												
TOTAL TICS	**4.15**		**0.35**		**0.023**		**ND**		**ND**		**ND**	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 6: VOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-17 15		2SB-18 11-12		2SB-18 15-16		MW-4R-B 11-12		MW-4R-B 15-16		MW-5R-A 11-12	
Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-23		2015-10-23		2015-10-23	
All data in mg/Kg (ppm) Dilution Factor	1		1		500		1		500		1	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,2,4,5-Tetramethylbenzene					15	JDN						
alkyl benzene isomers												
alkyl cyclohexane isomers					910	JDN						
benzo thiophene isomer												
benzofuran isomer												
Butynyl Benzene isomer												
cyclopentane isomers												
decahydro dimethyl naphthalene isomer												
dihydro alkyl indene isomers												
dihydro methyl indene isomer												
Dihydro Trimethyl Indene isomer												
dimethyl Cyclohexane isomers									64	JDN		
dimethyl cyclohexanone isomer					150	JDN						
Dimethyl Cyclopentane isomer												
dimethyl cyclopentane isomers												
dimethyl Heptane isomer												
dimethyl heptane isomers									100	JDN		
dimethyl hexadiene isomer									24	JDN		
dimethyl Hexane isomer												
dimethyl hexane isomers												
dimethyl Naphthalene isomer												
dimethyl naphthalene isomers												
dimethyl octane isomer												
Dimethyl Pentane isomer												
dimethyl pentane isomers												
dimethylcyclopentane isomer												
ethyl Cyclohexane isomer												
ethyl Hexane isomer												
Ethyl Methyl Benzene isomer									41	JDN		
Heptane					640	JDN						
Heptene isomer												
Hexacosanal isomer												
Hexane					350	JDN						
indan isomer												
indane isomer												
indene isomer												
methyl benzofuran isomer												
methyl benzofuran isomers												
methyl butane isomers												
methyl ethyl benzene isomer												
methyl Heptane isomer												
methyl Heptane isomers					1,100	JDN						
Methyl Hexane isomer												
methyl hexane isomers					450	JDN						
Methyl Indan isomer												
methyl Nonane isomer									64	JDN		
methyl Octane isomer												
methyl octane isomers					600	JDN						
methyl Pentadecane isomer												
methyl Pentane isomer					150	JDN						
Methyl thiophene isomer									7.6	JDN		
Naphthalene												
nonane isomer					480	JDN			200	JDN		
Octane isomer												
Pentatriacontane isomer												
p-Ethyltoluene												
propenyl Cyclohexane isomer									30	JDN		
propyl Cyclohexane isomer									29	JDN		
Pyridine isomer												
Trimethyl Benzene isomer												
Trimethyl cyclohexane isomer												
trimethyl cyclopentane isomers												
unknonw aliphatic hydrocarbon isomer												
unknown												
unknown acetamide isomer												
Unknown silane isomer												
Unknown silane isomers												
unknown siloxane isomer												
TOTAL TICS	**ND**		**ND**		**4,845**		**ND**		**560**		**ND**	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 6: VOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	MW-5R-B 23-24		MW-6R 11-12		MW-6R 17-18		MW-7 10-12		MW-8 10-12		MW-09 11-12	
Sample Date	2015-10-23		2015-10-22		2015-10-22		2015-10-22		2015-10-22		2015-10-23	
All data in mg/Kg (ppm) Dilution Factor	100		1		100		1		1		1	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,2,4,5-Tetramethylbenzene												
alkyl benzene isomers												
alkyl cyclohexane isomers												
benzo thiophene isomer												
benzofuran isomer												
Butynyl Benzene isomer												
cyclopentane isomers												
decahydro dimethyl naphthalene isomer												
dihydro alkyl indene isomers												
dihydro methyl indene isomer												
Dihydro Trimethyl Indene isomer												
dimethyl Cyclohexane isomers					55	JDN						
dimethyl cyclohexanone isomer												
Dimethyl Cyclopentane isomer												
dimethyl cyclopentane isomers					55	JDN						
dimethyl Heptane isomer					18	JDN						
dimethyl heptane isomers												
dimethyl hexadiene isomer												
dimethyl Hexane isomer					19	JDN						
dimethyl hexane isomers												
dimethyl Naphthalene isomer												
dimethyl naphthalene isomers	3.8	JDN										
dimethyl octane isomer												
Dimethyl Pentane isomer					23	JDN						
dimethyl pentane isomers												
dimethylcyclopentane isomer												
ethyl Cyclohexane isomer					13	JDN						
ethyl Hexane isomer					14	JDN						
Ethyl Methyl Benzene isomer												
Heptane												
Heptene isomer												
Hexacosanal isomer												
Hexane												
indan isomer	5	JDN										
indane isomer												
indene isomer												
methyl benzofuran isomer												
methyl benzofuran isomers												
methyl butane isomers												
methyl ethyl benzene isomer												
methyl Heptane isomer												
methyl Heptane isomers												
Methyl Hexane isomer												
methyl hexane isomers												
Methyl Indan isomer												
methyl Nonane isomer												
methyl Octane isomer												
methyl octane isomers												
methyl Pentadecane isomer					17	JDN						
methyl Pentane isomer												
Methyl thiophene isomer	42	JDN										
Naphthalene												
nonane isomer												
Octane isomer												
Pentatriacontane isomer												
p-Ethyltoluene												
propenyl Cyclohexane isomer												
propyl Cyclohexane isomer												
Pyridine isomer												
Trimethyl Benzene isomer												
Trimethyl cyclohexane isomer					34	JDN						
trimethyl cyclopentane isomers					16	JDN						
unknonw aliphatic hydrocarbon isomer												
unknown												
unknown acetamide isomer												
Unknown silane isomer											0.013	JN
Unknown silane isomers												
unknown siloxane isomer									0.0072	JN	0.016	JN
TOTAL TICS	**50.9**		**ND**		**264**		**ND**		**0.007**		**0.029**	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 6: VOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	MW-09 15-16		MW-10 11-12		MW-10 16-20		MW-10 23-24	
Sample Date	2015-10-23		2015-10-26		2015-10-26		2015-10-26	
All data in mg/Kg (ppm) Dilution Factor	100		1		1		1	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,2,4,5-Tetramethylbenzene								
alkyl benzene isomers								
alkyl cyclohexane isomers					0	JN		
benzo thiophene isomer								
benzofuran isomer								
Butynyl Benzene isomer	1	JDN						
cyclopentane isomers					0.064	JN		
decahydro dimethyl naphthalene isomer								
dihydro alkyl indene isomers								
dihydro methyl indene isomer	5.1	JDN						
Dihydro Trimethyl Indene isomer								
dimethyl Cyclohexane isomers								
dimethyl cyclohexanone isomer								
Dimethyl Cyclopentane isomer								
dimethyl cyclopentane isomers								
dimethyl Heptane isomer								
dimethyl heptane isomers								
dimethyl hexadiene isomer								
dimethyl Hexane isomer								
dimethyl hexane isomers								
dimethyl Naphthalene isomer								
dimethyl naphthalene isomers	2.9	JDN						
dimethyl octane isomer					0.018	JN		
Dimethyl Pentane isomer					0.021	JN		
dimethyl pentane isomers								
dimethylcyclopentane isomer								
ethyl Cyclohexane isomer								
ethyl Hexane isomer								
Ethyl Methyl Benzene isomer								
Heptane								
Heptene isomer								
Hexacosanal isomer								
Hexane								
indan isomer								
indane isomer	22	JDN						
indene isomer								
methyl benzofuran isomer								
methyl benzofuran isomers	2.9	JDN						
methyl butane isomers								
methyl ethyl benzene isomer					0.041	JN		
methyl Heptane isomer					0.016	JN		
methyl Heptane isomers								
Methyl Hexane isomer								
methyl hexane isomers	1	JDN						
Methyl Indan isomer								
methyl Nonane isomer								
methyl Octane isomer								
methyl octane isomers								
methyl Pentadecane isomer					0.017	JN		
methyl Pentane isomer								
Methyl thiophene isomer	10	JDN						
Naphthalene								
nonane isomer								
Octane isomer								
Pentatriacontane isomer								
p-Ethyltoluene								
propenyl Cyclohexane isomer								
propyl Cyclohexane isomer								
Pyridine isomer								
Trimethyl Benzene isomer	0.76	JDN						
Trimethyl cyclohexane isomer								
trimethyl cyclopentane isomers								
unknonw aliphatic hydrocarbon isomer								
unknown								
unknown acetamide isomer								
Unknown silane isomer								
Unknown silane isomers								
unknown siloxane isomer								
TOTAL TICS	**45.5**		**ND**		**0.297**		**ND**	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-01 11-12		2SB-02 11-12		2SB-02 12-16		2SB-02 20-24		2SB-03 12-14	
Sample Date	2015-10-23		2015-10-23		2015-10-23		2015-10-23		2015-10-26	
All data in mg/Kg (ppm) Dilution Factor	2		2		50		20		2	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Unknown aldehyde										
Unknown aldehyde#1										
Unknown aldehyde#2										
Unknown aldehyde#3										
Unknown aldehyde#4										
Unknown aldehyde#5										
Unknown Alkane			1.62	JDN					1.24	JDN
Unknown alkane#1	1.12	JDN								
Unknown alkane#10										
Unknown alkane#11										
Unknown alkane#12										
Unknown alkane#13										
Unknown alkane#14										
Unknown alkane#15										
Unknown alkane#2	2	JDN								
Unknown alkane#3										
Unknown alkane#4										
Unknown alkane#5										
Unknown alkane#6										
Unknown alkane#7										
Unknown alkane#8										
Unknown alkane#9										
unknown alkene										
Unknown alkene#1										
Unknown alkene#2										
Unknown Aromatic										
Unknown aromatic#1					30.4	JDN	14.6	JDN		
Unknown Aromatic#2					39.3	JDN				
Unknown Aromatic#3										
Unknown Aromatic#4										
Unknown Aromatic#5										
Unknown Aromatic#6										
Unknown Aromatic#7										
Unknown Aromatic#8										
Unknown aromatic#9										
Unknown cyclohexane isomer#1										
Unknown cyclohexane isomer#2										
Unknown cyclohexane isomer#3										
Unknown cyclohexane isomer#4										
unknown dodecane isomer#1										
unknown dodecane isomer#2										
unknown hydrocarbon									2.12	JDN
Unknown hydrocarbon#1										
Unknown hydrocarbon#2										
Unknown hydrocarbon#3										
Unknown hydrocarbon#4										
Unknown nonane isomer										
Unknown octane isomer										
Unknown organosulfur isomer										
Unknown organosulfur isomer#1										
Unknown organosulfur isomer#2										
Unknown oxygenated hydrocarbon										
Unknown oxygenated hydrocarbon#1										
Unknown oxygenated hydrocarbon#2										
Unknown phenol isomer#1										
Unknown phenol isomer#2										
unknown tridecane isomer										
TOTAL TICS	2.62		1.62		69.7		14.6		3.36	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-04 11-12		2SB-04 15-16		2SB-05 11-12		DUP-20151026		2SB-06 11-12	
Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-26		2015-10-26	
All data in mg/Kg (ppm) Dilution Factor	2		2		2		2		2	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Unknown aldehyde										
Unknown aldehyde#1										
Unknown aldehyde#2										
Unknown aldehyde#3										
Unknown aldehyde#4										
Unknown aldehyde#5										
Unknown Alkane										
Unknown alkane#1			3.38	JDN						
Unknown alkane#10										
Unknown alkane#11										
Unknown alkane#12										
Unknown alkane#13										
Unknown alkane#14										
Unknown alkane#15										
Unknown alkane#2			5	JDN						
Unknown alkane#3			6.12	JDN						
Unknown alkane#4			4	JDN						
Unknown alkane#5			3.40	JDN						
Unknown alkane#6										
Unknown alkane#7										
Unknown alkane#8										
Unknown alkane#9										
unknown alkene									1.84	JDN
Unknown alkene#1										
Unknown alkene#2										
Unknown Aromatic										
Unknown aromatic#1					4.81	JDN	4.27	JDN		
Unknown Aromatic#2					3	JDN	9.48	JDN		
Unknown Aromatic#3					2.85	JDN	5.51	JDN		
Unknown Aromatic#4					3.31	JDN				
Unknown Aromatic#5										
Unknown Aromatic#6										
Unknown Aromatic#7										
Unknown Aromatic#8										
Unknown aromatic#9										
Unknown cyclohexane isomer#1										
Unknown cyclohexane isomer#2										
Unknown cyclohexane isomer#3										
Unknown cyclohexane isomer#4										
unknown dodecane isomer#1										
unknown dodecane isomer#2										
unknown hydrocarbon							12.4	JDN		
Unknown hydrocarbon#1					4.03	JDN				
Unknown hydrocarbon#2					3.53	JDN				
Unknown hydrocarbon#3					4.13	JDN				
Unknown hydrocarbon#4										
Unknown nonane isomer										
Unknown octane isomer										
Unknown organosulfur isomer										
Unknown organosulfur isomer#1										
Unknown organosulfur isomer#2										
Unknown oxygenated hydrocarbon			4.27	JDN						
Unknown oxygenated hydrocarbon#1										
Unknown oxygenated hydrocarbon#2										
Unknown phenol isomer#1										
Unknown phenol isomer#2										
unknown tridecane isomer										
TOTAL TICS	ND		25.9		25.7		31.7		1.84	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-06 17-18		2SB-07 11-12		2SB-08 11-12		2SB-09 11-12		2SB-10 11-12	
Sample Date	2015-10-26		2015-10-26		2015-10-26		2015-10-26		2015-10-26	
All data in mg/Kg (ppm) Dilution Factor	2		2		2		2		2	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Unknown aldehyde										
Unknown aldehyde#1										
Unknown aldehyde#2										
Unknown aldehyde#3										
Unknown aldehyde#4										
Unknown aldehyde#5										
Unknown Alkane					1.73	JDN				
Unknown alkane#1										
Unknown alkane#10										
Unknown alkane#11										
Unknown alkane#12										
Unknown alkane#13										
Unknown alkane#14										
Unknown alkane#15										
Unknown alkane#2										
Unknown alkane#3										
Unknown alkane#4										
Unknown alkane#5										
Unknown alkane#6										
Unknown alkane#7										
Unknown alkane#8										
Unknown alkane#9										
unknown alkene										
Unknown alkene#1										
Unknown alkene#2										
Unknown Aromatic									1.78	JDN
Unknown aromatic#1										
Unknown Aromatic#2										
Unknown Aromatic#3										
Unknown Aromatic#4										
Unknown Aromatic#5										
Unknown Aromatic#6										
Unknown Aromatic#7										
Unknown Aromatic#8										
Unknown aromatic#9										
Unknown cyclohexane isomer#1										
Unknown cyclohexane isomer#2										
Unknown cyclohexane isomer#3										
Unknown cyclohexane isomer#4										
unknown dodecane isomer#1										
unknown dodecane isomer#2										
unknown hydrocarbon			1.55	JDN						
Unknown hydrocarbon#1										
Unknown hydrocarbon#2										
Unknown hydrocarbon#3										
Unknown hydrocarbon#4										
Unknown nonane isomer										
Unknown octane isomer										
Unknown organosulfur isomer										
Unknown organosulfur isomer#1										
Unknown organosulfur isomer#2										
Unknown oxygenated hydrocarbon									1.71	JDN
Unknown oxygenated hydrocarbon#1										
Unknown oxygenated hydrocarbon#2										
Unknown phenol isomer#1										
Unknown phenol isomer#2										
unknown tridecane isomer										
TOTAL TICS	ND		1.55		1.73		ND		3.49	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-11 11-12		DUP-20151027		2SB-11 12-13		2SB-12 11-12		2SB-12 12-13	
Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
All data in mg/Kg (ppm) Dilution Factor	2		2		2		2		2	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Unknown aldehyde										
Unknown aldehyde#1										
Unknown aldehyde#2										
Unknown aldehyde#3										
Unknown aldehyde#4										
Unknown aldehyde#5										
Unknown Alkane									1.39	JDN
Unknown alkane#1					0.88	JDN	1.16	JDN		
Unknown alkane#10										
Unknown alkane#11										
Unknown alkane#12										
Unknown alkane#13										
Unknown alkane#14										
Unknown alkane#15										
Unknown alkane#2					1	JDN	2	JDN		
Unknown alkane#3					0.95	JDN				
Unknown alkane#4					1	JDN				
Unknown alkane#5					1.40	JDN				
Unknown alkane#6					1	JDN				
Unknown alkane#7					1.03	JDN				
Unknown alkane#8										
Unknown alkane#9										
unknown alkene										
Unknown alkene#1										
Unknown alkene#2										
Unknown Aromatic										
Unknown aromatic#1									1.07	JDN
Unknown Aromatic#2									2.13	JDN
Unknown Aromatic#3										
Unknown Aromatic#4										
Unknown Aromatic#5										
Unknown Aromatic#6										
Unknown Aromatic#7										
Unknown Aromatic#8										
Unknown aromatic#9										
Unknown cyclohexane isomer#1										
Unknown cyclohexane isomer#2										
Unknown cyclohexane isomer#3										
Unknown cyclohexane isomer#4										
unknown dodecane isomer#1										
unknown dodecane isomer#2										
unknown hydrocarbon										
Unknown hydrocarbon#1										
Unknown hydrocarbon#2										
Unknown hydrocarbon#3										
Unknown hydrocarbon#4										
Unknown nonane isomer										
Unknown octane isomer										
Unknown organosulfur isomer										
Unknown organosulfur isomer#1										
Unknown organosulfur isomer#2										
Unknown oxygenated hydrocarbon										
Unknown oxygenated hydrocarbon#1										
Unknown oxygenated hydrocarbon#2										
Unknown phenol isomer#1										
Unknown phenol isomer#2										
unknown tridecane isomer										
TOTAL TICS	ND		ND		6.79		3.19		4.59	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-13 11-12		2SB-13 16.5		2SB-13 19-20		2SB-14 11-12		2SB-14 13	
Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
All data in mg/Kg (ppm) Dilution Factor	5		2		2		2		5	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Unknown aldehyde									14.6	JDN
Unknown aldehyde#1					7.54	JDN				
Unknown aldehyde#2					27.5	JDN				
Unknown aldehyde#3					41.2	JDN				
Unknown aldehyde#4					27.4	JDN				
Unknown aldehyde#5					10.3	JDN				
Unknown Alkane										
Unknown alkane#1							2.72	JDN		
Unknown alkane#10										
Unknown alkane#11										
Unknown alkane#12										
Unknown alkane#13										
Unknown alkane#14										
Unknown alkane#15										
Unknown alkane#2							3	JDN		
Unknown alkane#3										
Unknown alkane#4										
Unknown alkane#5										
Unknown alkane#6										
Unknown alkane#7										
Unknown alkane#8										
Unknown alkane#9										
unknown alkene										
Unknown alkene#1					25.4	JDN				
Unknown alkene#2					4.52	JDN				
Unknown Aromatic	8.16	JDN								
Unknown aromatic#1			7.04	JDN					14.3	JDN
Unknown Aromatic#2			6.31	JDN					16.5	JDN
Unknown Aromatic#3			5.84	JDN					13.2	JDN
Unknown Aromatic#4			4.53	JDN						
Unknown Aromatic#5			5.81	JDN						
Unknown Aromatic#6										
Unknown Aromatic#7										
Unknown Aromatic#8										
Unknown aromatic#9										
Unknown cyclohexane isomer#1										
Unknown cyclohexane isomer#2										
Unknown cyclohexane isomer#3										
Unknown cyclohexane isomer#4										
unknown dodecane isomer#1										
unknown dodecane isomer#2										
unknown hydrocarbon					7.54	JDN			15.4	JDN
Unknown hydrocarbon#1										
Unknown hydrocarbon#2										
Unknown hydrocarbon#3										
Unknown hydrocarbon#4										
Unknown nonane isomer										
Unknown octane isomer										
Unknown organosulfur isomer										
Unknown organosulfur isomer#1										
Unknown organosulfur isomer#2										
Unknown oxygenated hydrocarbon										
Unknown oxygenated hydrocarbon#1										
Unknown oxygenated hydrocarbon#2										
Unknown phenol isomer#1										
Unknown phenol isomer#2										
unknown tridecane isomer										
TOTAL TICS	8.16		29.5		151		5.29		74	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-14 19		2SB-15 10-11		2SB-15 12-13		2SB-15 19-20		2SB-17 6-7	
Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-27		2015-10-27	
All data in mg/Kg (ppm) Dilution Factor	2		2		2		2		2	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Unknown aldehyde										
Unknown aldehyde#1	7.33	JDN								
Unknown aldehyde#2	6.91	JDN								
Unknown aldehyde#3										
Unknown aldehyde#4										
Unknown aldehyde#5										
Unknown Alkane										
Unknown alkane#1	7.52	JDN			1.17	JN				
Unknown alkane#10										
Unknown alkane#11										
Unknown alkane#12										
Unknown alkane#13										
Unknown alkane#14										
Unknown alkane#15										
Unknown alkane#2	7	JDN			2	JN				
Unknown alkane#3					1.14	JN				
Unknown alkane#4					1	JN				
Unknown alkane#5					1.39	JN				
Unknown alkane#6					1	JN				
Unknown alkane#7					1.76	JN				
Unknown alkane#8					1.21	JN				
Unknown alkane#9										
unknown alkene	7.94	JDN								
Unknown alkene#1										
Unknown alkene#2										
Unknown Aromatic										
Unknown aromatic#1										
Unknown Aromatic#2										
Unknown Aromatic#3										
Unknown Aromatic#4										
Unknown Aromatic#5										
Unknown Aromatic#6										
Unknown Aromatic#7										
Unknown Aromatic#8										
Unknown aromatic#9										
Unknown cyclohexane isomer#1										
Unknown cyclohexane isomer#2										
Unknown cyclohexane isomer#3										
Unknown cyclohexane isomer#4										
unknown dodecane isomer#1										
unknown dodecane isomer#2										
unknown hydrocarbon										
Unknown hydrocarbon#1	4.57	JDN								
Unknown hydrocarbon#2	4.82	JDN								
Unknown hydrocarbon#3										
Unknown hydrocarbon#4										
Unknown nonane isomer									1.23	JDN
Unknown octane isomer									1.67	JDN
Unknown organosulfur isomer										
Unknown organosulfur isomer#1										
Unknown organosulfur isomer#2										
Unknown oxygenated hydrocarbon										
Unknown oxygenated hydrocarbon#1										
Unknown oxygenated hydrocarbon#2										
Unknown phenol isomer#1										
Unknown phenol isomer#2										
unknown tridecane isomer										
TOTAL TICS	45.8		ND		11.3		ND		2.9	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	2SB-17 15		2SB-18 11-12		2SB-18 15-16		MW-4R-B 11-12		MW-4R-B 15-16	
Sample Date	2015-10-27		2015-10-27		2015-10-27		2015-10-23		2015-10-23	
All data in mg/Kg (ppm) Dilution Factor	2		2		10		2		20	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Unknown aldehyde										
Unknown aldehyde#1	15.3	JDN								
Unknown aldehyde#2	7.56	JDN								
Unknown aldehyde#3										
Unknown aldehyde#4										
Unknown aldehyde#5										
Unknown Alkane			2.16	JDN						
Unknown alkane#1	8.99	JDN			96.20	JDN			68.60	JDN
Unknown alkane#10					76.10	JDN			66.30	JDN
Unknown alkane#11									80.30	JDN
Unknown alkane#12									80.10	JDN
Unknown alkane#13									75.20	JDN
Unknown alkane#14									63.90	JDN
Unknown alkane#15									61.50	JDN
Unknown alkane#2	15	JDN			154	JDN			64	JDN
Unknown alkane#3	5.52	JDN			91.90	JDN			104.00	JDN
Unknown alkane#4	8	JDN			138	JDN			86	JDN
Unknown alkane#5					95.60	JDN			63.00	JDN
Unknown alkane#6					104	JDN			62	JDN
Unknown alkane#7					99.80	JDN			91.20	JDN
Unknown alkane#8					76.10	JDN			67.50	JDN
Unknown alkane#9					83	JDN			75	JDN
unknown alkene										
Unknown alkene#1										
Unknown alkene#2										
Unknown Aromatic										
Unknown aromatic#1			2.11	JDN						
Unknown Aromatic#2			4.53	JDN						
Unknown Aromatic#3			2.04	JDN						
Unknown Aromatic#4			2.97	JDN						
Unknown Aromatic#5										
Unknown Aromatic#6										
Unknown Aromatic#7										
Unknown Aromatic#8										
Unknown aromatic#9										
Unknown cyclohexane isomer#1										
Unknown cyclohexane isomer#2										
Unknown cyclohexane isomer#3										
Unknown cyclohexane isomer#4										
unknown dodecane isomer#1										
unknown dodecane isomer#2										
unknown hydrocarbon	7.51	JDN								
Unknown hydrocarbon#1										
Unknown hydrocarbon#2										
Unknown hydrocarbon#3										
Unknown hydrocarbon#4										
Unknown nonane isomer										
Unknown octane isomer										
Unknown organosulfur isomer										
Unknown organosulfur isomer#1										
Unknown organosulfur isomer#2										
Unknown oxygenated hydrocarbon										
Unknown oxygenated hydrocarbon#1										
Unknown oxygenated hydrocarbon#2										
Unknown phenol isomer#1										
Unknown phenol isomer#2										
unknown tridecane isomer										
TOTAL TICS	68.3		13.8		1015		ND		1109	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	MW-5R-A 11-12		MW-5R-B 23-24		MW-6R 11-12		MW-6R 17-18		MW-7 10-12	
Sample Date	2015-10-23		2015-10-23		2015-10-22		2015-10-22		2015-10-22	
All data in mg/Kg (ppm) Dilution Factor	2		20		2		2		2	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Unknown aldehyde										
Unknown aldehyde#1										
Unknown aldehyde#2										
Unknown aldehyde#3										
Unknown aldehyde#4										
Unknown aldehyde#5										
Unknown Alkane										
Unknown alkane#1										
Unknown alkane#10										
Unknown alkane#11										
Unknown alkane#12										
Unknown alkane#13										
Unknown alkane#14										
Unknown alkane#15										
Unknown alkane#2										
Unknown alkane#3										
Unknown alkane#4										
Unknown alkane#5										
Unknown alkane#6										
Unknown alkane#7										
Unknown alkane#8										
Unknown alkane#9										
unknown alkene										
Unknown alkene#1										
Unknown alkene#2										
Unknown Aromatic										
Unknown aromatic#1			16.6	JDN						
Unknown Aromatic#2			18.3	JDN						
Unknown Aromatic#3			17.4	JDN						
Unknown Aromatic#4			18.5	JDN						
Unknown Aromatic#5			40	JDN						
Unknown Aromatic#6			19.9	JDN						
Unknown Aromatic#7			20.9	JDN						
Unknown Aromatic#8										
Unknown aromatic#9										
Unknown cyclohexane isomer#1							4.97	JDN		
Unknown cyclohexane isomer#2							3.28	JDN		
Unknown cyclohexane isomer#3							4.78	JDN		
Unknown cyclohexane isomer#4							3.3	JDN		
unknown dodecane isomer#1							2.91	JDN		
unknown dodecane isomer#2							13.8	JDN		
unknown hydrocarbon							3.57	JDN		
Unknown hydrocarbon#1										
Unknown hydrocarbon#2										
Unknown hydrocarbon#3										
Unknown hydrocarbon#4										
Unknown nonane isomer										
Unknown octane isomer										
Unknown organosulfur isomer										
Unknown organosulfur isomer#1										
Unknown organosulfur isomer#2										
Unknown oxygenated hydrocarbon										
Unknown oxygenated hydrocarbon#1										
Unknown oxygenated hydrocarbon#2										
Unknown phenol isomer#1										
Unknown phenol isomer#2										
unknown tridecane isomer							5.85	JDN		
TOTAL TICS	ND		152		ND		42.5		ND	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	MW-8 10-12		MW-09 11-12		MW-09 15-16		MW-10 11-12		MW-10 16-20	
Sample Date	2015-10-22		2015-10-23		2015-10-23		2015-10-26		2015-10-26	
All data in mg/Kg (ppm) Dilution Factor	2		2		50		2		2	
VOC TICs, 8260	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Unknown aldehyde										
Unknown aldehyde#1										
Unknown aldehyde#2										
Unknown aldehyde#3										
Unknown aldehyde#4										
Unknown aldehyde#5										
Unknown Alkane										
Unknown alkane#1										
Unknown alkane#10										
Unknown alkane#11										
Unknown alkane#12										
Unknown alkane#13										
Unknown alkane#14										
Unknown alkane#15										
Unknown alkane#2										
Unknown alkane#3										
Unknown alkane#4										
Unknown alkane#5										
Unknown alkane#6										
Unknown alkane#7										
Unknown alkane#8										
Unknown alkane#9										
unknown alkene										
Unknown alkene#1										
Unknown alkene#2										
Unknown Aromatic										
Unknown aromatic#1					39.7	JDN			2.69	JDN
Unknown Aromatic#2					38.3	JDN			4	JDN
Unknown Aromatic#3					39.7	JDN			2.11	JDN
Unknown Aromatic#4					90.9	JDN			5.78	JDN
Unknown Aromatic#5					46.7	JDN			2.02	JDN
Unknown Aromatic#6					40.4	JDN			5.07	JDN
Unknown Aromatic#7					40.4	JDN			7.23	JDN
Unknown Aromatic#8					45.3	JDN			3.04	JDN
Unknown aromatic#9					35.8	JDN			4.01	JDN
Unknown cyclohexane isomer#1										
Unknown cyclohexane isomer#2										
Unknown cyclohexane isomer#3										
Unknown cyclohexane isomer#4										
unknown dodecane isomer#1										
unknown dodecane isomer#2										
unknown hydrocarbon										
Unknown hydrocarbon#1							1.97	JDN		
Unknown hydrocarbon#2							1.4	JDN		
Unknown hydrocarbon#3										
Unknown hydrocarbon#4										
Unknown nonane isomer										
Unknown octane isomer										
Unknown organosulfur isomer									3.41	JDN
Unknown organosulfur isomer#1										
Unknown organosulfur isomer#2										
Unknown oxygenated hydrocarbon										
Unknown oxygenated hydrocarbon#1									3.7	JDN
Unknown oxygenated hydrocarbon#2									2.86	JDN
Unknown phenol isomer#1										
Unknown phenol isomer#2										
unknown tridecane isomer										
TOTAL TICS	ND		ND		417		3.37		45.9	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 7: SVOC TICs in Soils

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Sample ID	MW-10 23-24	
Sample Date	2015-10-26	
All data in mg/Kg (ppm) Dilution Factor	2	
VOC TICs, 8260	*Result*	*Qualifier*
Unknown aldehyde		
Unknown aldehyde#1		
Unknown aldehyde#2		
Unknown aldehyde#3		
Unknown aldehyde#4		
Unknown aldehyde#5		
Unknown Alkane		
Unknown alkane#1		
Unknown alkane#10		
Unknown alkane#11		
Unknown alkane#12		
Unknown alkane#13		
Unknown alkane#14		
Unknown alkane#15		
Unknown alkane#2		
Unknown alkane#3		
Unknown alkane#4		
Unknown alkane#5		
Unknown alkane#6		
Unknown alkane#7		
Unknown alkane#8		
Unknown alkane#9		
unknown alkene		
Unknown alkene#1		
Unknown alkene#2		
Unknown Aromatic	3.16	JDN
Unknown aromatic#1		
Unknown Aromatic#2		
Unknown Aromatic#3		
Unknown Aromatic#4		
Unknown Aromatic#5		
Unknown Aromatic#6		
Unknown Aromatic#7		
Unknown Aromatic#8		
Unknown aromatic#9		
Unknown cyclohexane isomer#1		
Unknown cyclohexane isomer#2		
Unknown cyclohexane isomer#3		
Unknown cyclohexane isomer#4		
unknown dodecane isomer#1		
unknown dodecane isomer#2		
unknown hydrocarbon		
Unknown hydrocarbon#1	3.65	JDN
Unknown hydrocarbon#2	4.54	JDN
Unknown hydrocarbon#3	4.09	JDN
Unknown hydrocarbon#4	4.28	JDN
Unknown nonane isomer		
Unknown octane isomer		
Unknown organosulfur isomer		
Unknown organosulfur isomer#1	3.42	JDN
Unknown organosulfur isomer#2	4.58	JDN
Unknown oxygenated hydrocarbon		
Unknown oxygenated hydrocarbon#1		
Unknown oxygenated hydrocarbon#2		
Unknown phenol isomer#1	3.6	JDN
Unknown phenol isomer#2	4.06	JDN
unknown tridecane isomer		
TOTAL TICS	35.4	

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 8: VOCs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-1		MW-1		MW-2		MW-2		MW-3	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-1		MW-01-20151103		MW-2		MW-Dup-20141002		MW-3	
U= Not Detected ≥ indicated value	Sample Date	2014-10-02		2015-11-03		2014-10-02		2014-10-02		2014-10-02	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		50		50		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,1,1-Trichloroethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,1,2,2-Tetrachloroethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,1,2-Trichloroethane	1	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,1-Dichloroethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,1-Dichloroethylene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,1-Dichloropropylene	5	0.2	*U*	NA	-	4	*U*	4	*U*	0.2	*U*
1,2,3-Trichlorobenzene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,2,3-Trichloropropane	0.04	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,2,4-Trichlorobenzene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,2,4-Trimethylbenzene	5	0.2	*U*	0.2	*U*	**6.4**	*JD*	**6.4**	*JD*	0.2	*U*
1,2-Dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,2-Dibromoethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,2-Dichlorobenzene	3	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,2-Dichloroethane	0.6	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,2-Dichloropropane	1	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,3,5-Trimethylbenzene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,3-Dichlorobenzene	3	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,3-Dichloropropane	5	0.2	*U*	NA	-	4	*U*	4	*U*	0.2	*U*
1,4-Dichlorobenzene	3	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
1,4-Dioxane	NA	NA	-	40	*U*	NA	-	NA	-	NA	-
2,2-Dichloropropane	5	0.2	*U*	NA	-	4	*U*	4	*U*	0.2	*U*
2-Butanone	50	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
2-Chlorotoluene	5	0.2	*U*	NA	-	4	*U*	4	*U*	0.2	*U*
2-Hexanone	50	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
4-Chlorotoluene	5	0.2	*U*	NA	-	4	*U*	4	*U*	0.2	*U*
4-Methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Acetone	50	1	*U*	1	*U*	20	*U*	20	*U*	1	*U*
Acrolein	5	NA	-	0.2	*U*	NA	-	NA	-	NA	-
Acrylonitrile	5	NA	-	0.2	*U*	NA	-	NA	-	NA	-
Benzene	1	0.2	*U*	0.2	*U*	**49**	*D*	**46**	*D*	0.41	*J*
Bromobenzene	5	0.2	*U*	NA	-	4	*U*	4	*U*	0.2	*U*
Bromochloromethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Bromodichloromethane	50	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Bromoform	50	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Bromomethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Carbon disulfide	NA	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Carbon tetrachloride	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Chlorobenzene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Chloroethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Chloroform	7	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Chloromethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
cis-1,2-Dichloroethylene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
cis-1,3-Dichloropropylene	0.4	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Cyclohexane	NA	NA	-	0.2	*U*	NA	-	NA	-	NA	-
Dibromochloromethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Dibromomethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Ethyl Benzene	5	0.2	*U*	0.2	*U*	4.8	*JD*	5	*JD*	0.2	*U*
Hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Isopropylbenzene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Methyl acetate	NA	NA	-	0.2	*U*	NA	-	NA	-	NA	-
Methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Methylcyclohexane	NA	NA	-	0.2	*U*	NA	-	NA	-	NA	-
Methylene chloride	5	1	*U*	1	*U*	20	*U*	20	*U*	1	*U*
Naphthalene	10	1	*U*	NA	-	**1,100**	*D*	**1,100**	*D*	6.9	
n-Butylbenzene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
n-Propylbenzene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
o-Xylene	5	0.2	*U*	0.2	*U*	**10**	*D*	**11**	*D*	0.2	*U*
p- & m- Xylenes	5	0.5	*U*	0.5	*U*	**21**	*D*	**21**	*D*	0.5	*U*
p-Isopropyltoluene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
sec-Butylbenzene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Styrene	5	0.2	*U*	0.2	*U*	**5.2**	*JD*	**6.2**	*JD*	0.2	*U*
tert-Butyl alcohol (TBA)	NA	NA	-	0.5	*U*	NA	-	NA		NA	-
tert-Butylbenzene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Tetrachloroethylene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Toluene	5	0.2	*U*	0.2	*U*	**27**	*D*	**27**	*D*	0.2	*U*
trans-1,2-Dichloroethylene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
trans-1,3-Dichloropropylene	0.4	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Trichloroethylene	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Trichlorofluoromethane	5	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Vinyl chloride	2	0.2	*U*	0.2	*U*	4	*U*	4	*U*	0.2	*U*
Xylenes, Total	5	0.6	*U*	0.6	*U*	**31**	*D*	**32**	*D*	0.6	*U*
Total VOCs	-	ND	-	ND	-	1254	-	1255	-	7	-
Total TICs	-	NA	-	ND	-	NA	-	NA	-	NA	-
Total VOCs and TICs	-	ND	-	ND	-	1254	-	1255	-	7	-

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow shade

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 8: VOCs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-3		MW-4		MW-4R		MW-5		MW-5R	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-03-20151103		MW-4		MW-04R-20151103		MW-5		MW-05R-20151103	
U= Not Detected ≥ indicated value	Sample Date	2015-11-03		2014-10-16		2015-11-03		2014-10-16		2015-11-03	
Data above AWQS shown in **Bold**	Dilution Factor	1		50		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-Trichloroethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-Tetrachloroethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-Trichloroethane	1	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-Dichloroethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-Dichloroethylene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,1-Dichloropropylene	5	NA	-	1	*U*	NA	-	0.2	*U*	NA	-
1,2,3-Trichlorobenzene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-Trichloropropane	0.04	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-Trichlorobenzene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-Trimethylbenzene	5	0.2	*U*	**89**	*D*	**130**		0.2	*U*	0.26	*J*
1,2-Dibromo-3-chloropropane	0.04	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-Dibromoethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-Dichlorobenzene	3	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-Dichloroethane	0.6	0.2	*U*	**6.4**	*D*	0.2	*U*	0.2	*U*	0.2	*U*
1,2-Dichloropropane	1	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-Trimethylbenzene	5	0.2	*U*	**48**	*D*	**85**		0.2	*U*	0.2	*U*
1,3-Dichlorobenzene	3	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,3-Dichloropropane	5	NA	-	1	*U*	NA		0.2	*U*	NA	-
1,4-Dichlorobenzene	3	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
1,4-Dioxane	NA	40	*U*	NA		40	*U*	NA	-	40	*U*
2,2-Dichloropropane	5	NA	-	1	*U*	NA		0.2	*U*	NA	-
2-Butanone	50	0.2	*U*	17	*U*	7.9		0.2	*U*	0.2	*U*
2-Chlorotoluene	5	NA	-	1	*U*	NA		0.2	*U*	NA	-
2-Hexanone	50	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
4-Chlorotoluene	5	NA	-	1	*U*	NA		0.2	*U*	NA	-
4-Methyl-2-pentanone	NA	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Acetone	50	1	*U*	**57**	*D*	17		1	*U*	2.6	
Acrolein	5	0.2	*U*	NA		0.2	*U*	NA	-	0.2	*U*
Acrylonitrile	5	0.2	*U*	NA		0.2	*U*	NA	-	0.2	*U*
Benzene	1	0.2	*U*	**170**	*D*	**150**	*D*	0.2	*U*	0.2	*U*
Bromobenzene	5	NA	-	1	*U*	NA		0.2	*U*	NA	-
Bromochloromethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Bromodichloromethane	50	0.2	*U*	1	*U*	0.2	*U*	1.1		0.2	*U*
Bromoform	50	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Bromomethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Carbon disulfide	NA	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Carbon tetrachloride	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Chlorobenzene	5	0.2	*U*	4.6	*D*	0.2	*U*	0.2	*U*	0.2	*U*
Chloroethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Chloroform	7	0.2	*U*	1	*U*	0.2	*U*	**15**		0.2	*U*
Chloromethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,2-Dichloroethylene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-Dichloropropylene	0.4	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Cyclohexane	NA	0.2	*U*	NA	-	87		NA	-	0.2	*U*
Dibromochloromethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Dibromomethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Dichlorodifluoromethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Ethyl Benzene	5	0.2	*U*	**49**	*D*	**42**		0.2	*U*	0.2	*U*
Hexachlorobutadiene	0.5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Isopropylbenzene	5	0.2	*U*	**5.9**	*D*	**7.3**		0.2	*U*	0.2	*U*
Methyl acetate	NA	0.2	*U*	NA		0.2	*U*	NA	-	0.2	*U*
Methyl tert-butyl ether (MTBE)	10	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Methylcyclohexane	NA	0.2	*U*	NA		72		NA	-	0.2	*U*
Methylene chloride	5	1	*U*	5	*U*	1	*U*	1	*U*	1	*U*
Naphthalene	10	NA		**21**	*D*	NA		1	*U*	NA	-
n-Butylbenzene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
n-Propylbenzene	5	0.2	*U*	**6.4**	*D*	**7.8**		0.2	*U*	0.2	*U*
o-Xylene	5	0.2	*U*	**160**	*D*	**190**	*D*	0.2	*U*	0.2	*U*
p- & m- Xylenes	5	0.5	*U*	**360**	*D*	**440**	*D*	0.5	*U*	0.5	*U*
p-Isopropyltoluene	5	0.2	*U*	1.5	*JBD*	2.3		0.2	*U*	0.2	*U*
sec-Butylbenzene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Styrene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
tert-Butyl alcohol (TBA)	NA	0.5	*U*	NA		0.5	*U*	NA	-	0.5	*U*
tert-Butylbenzene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Tetrachloroethylene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Toluene	5	0.2	*U*	**310**	*D*	**180**	*D*	0.2	*U*	0.2	*U*
trans-1,2-Dichloroethylene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-Dichloropropylene	0.4	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Trichloroethylene	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Trichlorofluoromethane	5	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Vinyl chloride	2	0.2	*U*	1	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Xylenes, Total	5	0.6	*U*	**520**	*D*	**640**	*D*	0.6	*U*	0.6	*U*
Total VOCs	-	ND	-	1809	-	2058	-	16	-	2.86	-
Total TICs	-	ND	-	NA	-	945		NA	-	2.6	-
Total VOCs and TICs	-	ND	-	1809	-	3003	-	16	-	5.46	-

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow sh

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 8: VOCs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-6		MW-6		MW-6R		MW-7		MW-8	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-6		MW-Dup-20141016		MW-06R-20151103		MW-07-20151103		MW-08-20151103	
U= Not Detected ≥ indicated value	Sample Date	2014-10-16		2014-10-16		2015-11-03		2015-11-03		2015-11-03	
Data above AWQS shown in **Bold**	Dilution Factor	1		10		1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,1,1-Trichloroethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,1,2,2-Tetrachloroethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloroethane	1	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloroethylene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,1-Dichloropropylene	5	0.2	U	2	U	NA	-	NA	-	NA	-
1,2,3-Trichlorobenzene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,2,3-Trichloropropane	0.04	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	5	0.36	J	2	U	0.2	U	0.22	J	0.2	U
1,2-Dibromo-3-chloropropane	0.04	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,2-Dibromoethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	3	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloroethane	0.6	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,2-Dichloropropane	1	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	5	0.2	U	2	U	0.27	J	0.2	U	0.2	U
1,3-Dichlorobenzene	3	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,3-Dichloropropane	5	0.2	U	2	U	NA	-	NA	-	NA	-
1,4-Dichlorobenzene	3	0.2	U	2	U	0.2	U	0.2	U	0.2	U
1,4-Dioxane	NA	NA	-	NA	-	40	U	40	U	40	U
2,2-Dichloropropane	5	0.2	U	2	U	NA	-	NA	-	NA	-
2-Butanone	50	0.2	U	2	U	0.2	U	0.2	U	0.2	U
2-Chlorotoluene	5	0.2	U	2	U	NA	-	NA	-	NA	-
2-Hexanone	50	0.2	U	2	U	0.2	U	0.2	U	0.2	U
4-Chlorotoluene	5	0.2	U	2	U	NA	-	NA	-	NA	-
4-Methyl-2-pentanone	NA	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Acetone	50	1	U	10	U	4.4		2.5	B	4.2	B
Acrolein	5	NA	-	NA	-	0.2	U	0.2	U	0.2	U
Acrylonitrile	5	NA	-	NA	-	0.2	U	0.2	U	0.2	U
Benzene	1	**3.2**		2	U	0.74		0.23	J	0.2	U
Bromobenzene	5	0.2	U	2	U	NA	-	NA	-	NA	-
Bromochloromethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Bromodichloromethane	50	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Bromoform	50	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Bromomethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Carbon disulfide	NA	0.2	U	2	U	0.2	U	0.2	U	0.24	J
Carbon tetrachloride	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Chlorobenzene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Chloroethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Chloroform	7	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Chloromethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
cis-1,3-Dichloropropylene	0.4	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Cyclohexane	NA	NA	-	NA	-	0.2	U	2.3		0.2	U
Dibromochloromethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Dibromomethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Dichlorodifluoromethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Ethyl Benzene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene	0.5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Isopropylbenzene	5	1.4		2	U	0.37	J	0.2	U	0.2	U
Methyl acetate	NA	NA	-	NA	-	0.2	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	10	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Methylcyclohexane	NA	NA	-	NA	-	12		5.2		0.2	U
Methylene chloride	5	1	U	10	U	1	U	1	U	1	U
Naphthalene	10	1	U	10	U	NA	-	NA	-	NA	-
n-Butylbenzene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
n-Propylbenzene	5	0.42	J	2	U	0.2	U	0.2	U	0.2	U
o-Xylene	5	0.33	J	2	U	0.2	U	0.25	J	0.2	U
p- & m- Xylenes	5	1.8		5	U	0.78	J	0.5	U	0.5	U
p-Isopropyltoluene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
sec-Butylbenzene	5	0.21	JB	2	U	0.2	U	0.2	U	0.2	U
Styrene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
tert-Butyl alcohol (TBA)	NA	NA	-	NA	-	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Tetrachloroethylene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Toluene	5	0.45	J	2	U	0.2	U	0.22	J	0.2	U
trans-1,2-Dichloroethylene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
trans-1,3-Dichloropropylene	0.4	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Trichloroethylene	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Trichlorofluoromethane	5	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Vinyl chloride	2	0.2	U	2	U	0.2	U	0.2	U	0.2	U
Xylenes, Total	5	2.1		6	U	0.78	J	0.6	U	0.6	U
Total VOCs	-	10	-	ND	-	19	-	11	-	4	-
Total TICs	-	NA	-	NA	-	116		28		15	
Total VOCs and TICs	-	10	-	ND	-	135	-	39	-	19	-

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow sh

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 8: VOCs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-9		MW-9		MW-10	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-09-20151103		DUP-20151103		MW-10-20151103	
U= Not Detected ≥ indicated value	Sample Date	2015-11-03		2015-11-03		2015-11-03	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1	
VOCs, 8260	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1,1,2-Tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*
1,1,1-Trichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2,2-Tetrachloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-Trichloro-1,2,2-trifluoroethane	5	0.2	*U*	0.2	*U*	0.2	*U*
1,1,2-Trichloroethane	1	0.2	*U*	0.2	*U*	0.2	*U*
1,1-Dichloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*
1,1-Dichloroethylene	5	0.2	*U*	0.2	*U*	0.2	*U*
1,1-Dichloropropylene	5	NA	-	NA	-	NA	-
1,2,3-Trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*
1,2,3-Trichloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-Trichlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*
1,2,4-Trimethylbenzene	5	3.3		3.4		0.2	*U*
1,2-Dibromo-3-chloropropane	0.04	0.2	*U*	0.2	*U*	0.2	*U*
1,2-Dibromoethane	5	0.2	*U*	0.2	*U*	0.2	*U*
1,2-Dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*
1,2-Dichloroethane	0.6	0.2	*U*	0.2	*U*	0.2	*U*
1,2-Dichloropropane	1	0.2	*U*	0.2	*U*	0.2	*U*
1,3,5-Trimethylbenzene	5	0.76		0.79		0.2	*U*
1,3-Dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*
1,3-Dichloropropane	5	NA	-	NA	-	NA	-
1,4-Dichlorobenzene	3	0.2	*U*	0.2	*U*	0.2	*U*
1,4-Dioxane	NA	40	*U*	40	*U*	40	*U*
2,2-Dichloropropane	5	NA	-	NA	-	NA	-
2-Butanone	50	0.2	*U*	0.2	*U*	0.2	*U*
2-Chlorotoluene	5	NA	-	NA	-	NA	-
2-Hexanone	50	0.2	*U*	0.2	*U*	0.2	*U*
4-Chlorotoluene	5	NA	-	NA	-	NA	-
4-Methyl-2-pentanone	NA	0.2	*U*	0.2	*U*	0.2	*U*
Acetone	50	1	*U*	1	*U*	1	*U*
Acrolein	5	0.2	*U*	0.2	*U*	0.2	*U*
Acrylonitrile	5	0.2	*U*	0.2	*U*	0.2	*U*
Benzene	1	**25**		**25**		0.2	*U*
Bromobenzene	5	NA	-	NA	-	NA	-
Bromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*
Bromodichloromethane	50	0.2	*U*	0.2	*U*	0.2	*U*
Bromoform	50	0.2	*U*	0.2	*U*	0.2	*U*
Bromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*
Carbon disulfide	NA	0.31	*J*	0.32	*J*	0.2	*U*
Carbon tetrachloride	5	0.2	*U*	0.2	*U*	0.2	*U*
Chlorobenzene	5	0.2	*U*	0.2	*U*	0.2	*U*
Chloroethane	5	0.2	*U*	0.2	*U*	0.2	*U*
Chloroform	7	0.2	*U*	0.2	*U*	0.24	*J*
Chloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,2-Dichloroethylene	5	0.2	*U*	0.2	*U*	0.2	*U*
cis-1,3-Dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*
Cyclohexane	NA	0.48	*J*	0.48	*J*	0.2	*U*
Dibromochloromethane	5	0.2	*U*	0.2	*U*	0.2	*U*
Dibromomethane	5	0.2	*U*	0.2	*U*	0.2	*U*
Dichlorodifluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*
Ethyl Benzene	5	4.8		4.8		0.2	*U*
Hexachlorobutadiene	0.5	0.2	*U*	0.2	*U*	0.2	*U*
Isopropylbenzene	5	1.1		1.1		0.2	*U*
Methyl acetate	NA	0.2	*U*	0.2	*U*	0.2	*U*
Methyl tert-butyl ether (MTBE)	10	0.2	*U*	0.2	*U*	0.2	*U*
Methylcyclohexane	NA	0.2	*U*	0.2	*U*	0.2	*U*
Methylene chloride	5	1	*U*	1	*U*	1	*U*
Naphthalene	10	NA	-	NA	-	NA	-
n-Butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*
n-Propylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*
o-Xylene	5	3.2		3.3		0.2	*U*
p- & m- Xylenes	5	**5.7**		**5.8**		0.5	*U*
p-Isopropyltoluene	5	0.2	*U*	0.2	*U*	0.2	*U*
sec-Butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*
Styrene	5	0.67		0.71		0.2	*U*
tert-Butyl alcohol (TBA)	NA	0.5	*U*	0.5	*U*	0.5	*U*
tert-Butylbenzene	5	0.2	*U*	0.2	*U*	0.2	*U*
Tetrachloroethylene	5	0.2	*U*	0.2	*U*	0.2	*U*
Toluene	5	4.3		4.4		0.2	*U*
trans-1,2-Dichloroethylene	5	0.2	*U*	0.2	*U*	0.2	*U*
trans-1,3-Dichloropropylene	0.4	0.2	*U*	0.2	*U*	0.2	*U*
Trichloroethylene	5	0.2	*U*	0.2	*U*	0.2	*U*
Trichlorofluoromethane	5	0.2	*U*	0.2	*U*	0.2	*U*
Vinyl chloride	2	0.2	*U*	0.2	*U*	0.2	*U*
Xylenes, Total	5	**8.9**		**9.1**		0.6	*U*
Total VOCs	-	59	-	59.2	-	0	-
Total TICs	-	693		691.6		42	
Total VOCs and TICs	-	751	-	750.8	-	42	-

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow sh

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 9: SVOCs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-1		MW-1		MW-2		MW-3		MW-3	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-1		MW-01-20151103		MW-2		MW-3		MW-03-20151103	
U= Not Detected ≥ indicated value	Sample Date	2014-10-02		2015-11-03		2014-10-02		2014-10-02		2015-11-03	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		20		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*			*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
1,2,4,5-Tetrachlorobenzene	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
1,2,4-Trichlorobenzene	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
1,2-Dichlorobenzene	3	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
1,2-Diphenylhydrazine	ND	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
1,3-Dichlorobenzene	3	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
1,4-Dichlorobenzene	3	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2,3,4,6-Tetrachlorophenol	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2,4,5-Trichlorophenol	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2,4,6-Trichlorophenol	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2,4-Dichlorophenol	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2,4-Dimethylphenol	50	2.56	*U*	2.5	*U*	**80.2**	*JD*	2.63	*U*	2.5	*U*
2,4-Dinitrophenol	10	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2,4-Dinitrotoluene	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2,6-Dinitrotoluene	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2-Chloronaphthalene	10	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2-Chlorophenol	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2-Methylnaphthalene	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2-Methylphenol	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2-Nitroaniline	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
2-Nitrophenol	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
3- & 4-Methylphenols	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
3,3'-Dichlorobenzidine	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
3-Nitroaniline	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
4,6-Dinitro-2-methylphenol	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
4-Bromophenyl phenyl ether	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
4-Chloro-3-methylphenol	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
4-Chloroaniline	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
4-Chlorophenyl phenyl ether	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
4-Nitroaniline	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
4-Nitrophenol	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Acenaphthene	20	0.174		0.05	*U*	**26.5**	*D*	1.62		0.94	
Acenaphthylene	NA	0.0513	*U*	0.05	*U*	1.03	*U*	0.189		0.05	*U*
Acetophenone	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Aniline	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Anthracene	50	0.0513	*U*	0.36		1.03	*U*	0.158		0.05	*U*
Atrazine	7.5	0.513	*U*	0.5	*U*	10.3	*U*	0.526	*U*	0.5	*U*
Benzaldehyde	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Benzidine	5	10.3	*U*	10	*U*	205	*U*	10.5	*U*	10	*U*
Benzo(a)anthracene	0.002	0.0513	*U*	0.05	*U*	1.03	*U*	**0.116**		0.05	*U*
Benzo(a)pyrene	NA	0.0513	*U*	0.05	*U*	1.03	*U*	0.0737		0.05	*U*
Benzo(b)fluoranthene	0.002	0.0513	*U*	0.05	*U*	1.03	*U*	**0.0947**		0.05	*U*
Benzo(g,h,i)perylene	NA	0.0513	*U*	0.05	*U*	1.03	*U*	0.105		0.05	*U*
Benzo(k)fluoranthene	0.002	0.0513	*U*	0.05	*U*	1.03	*U*	**0.0737**		0.05	*U*
Benzoic acid	NA	25.6	*U*	25	*U*	513	*U*	26.3	*U*	25	*U*
Benzyl alcohol	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Benzyl butyl phthalate	50	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Bis(2-chloroethoxy)methane	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Bis(2-chloroethyl)ether	1	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Bis(2-chloroisopropyl)ether	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Bis(2-ethylhexyl)phthalate	5	0.974		0.5	*U*	10.3	*U*	0.526	*U*	0.5	*U*
Caprolactam	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Carbazole	NA	2.56	*U*	2.5	*U*	52.5	*JD*	2.63	*U*	2.5	*U*
Chrysene	0.002	0.0513	*U*	0.05	*U*	1.03	*U*	**0.0737**		0.05	*U*
Dibenzo(a,h)anthracene	NA	0.0513	*U*	0.05	*U*	1.03	*U*	0.0526	*U*	0.05	*U*
Dibenzofuran	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Diethyl phthalate	50	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Dimethyl phthalate	50	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Di-n-butyl phthalate	50	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Di-n-octyl phthalate	50	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Fluoranthene	50	0.0513	*U*	0.05	*U*	1.03	*U*	0.358		0.06	
Fluorene	50	0.0513	*U*	0.05	*U*	1.03	*U*	0.526		0.06	
Hexachlorobenzene	0.04	0.0205	*U*	0.02	*U*	0.41	*U*	0.0211	*U*	0.02	*U*
Hexachlorobutadiene	0.5	0.513	*U*	0.5	*U*	10.3	*U*	0.526	*U*	0.5	*U*
Hexachlorocyclopentadiene	5	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Hexachloroethane	5	0.513	*U*	0.5	*U*	10.3	*U*	0.526	*U*	0.5	*U*
Indeno(1,2,3-cd)pyrene	0.002	0.0513	*U*	0.05	*U*	1.03	*U*	0.0526	*U*	0.05	*U*
Isophorone	50	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Naphthalene	10	0.656		0.05	*U*	**622**	*D*	1.03		0.05	*U*
Nitrobenzene	0.4	0.256	*U*	0.25	*U*	5.13	*U*	0.263	*U*	0.25	*U*
N-Nitrosodimethylamine	50	0.513	*U*	0.5	*U*	10.3	*U*	0.526	*U*	0.5	*U*
N-nitroso-di-n-propylamine	NA	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
N-Nitrosodiphenylamine	50	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Pentachlorophenol	1	0.256	*U*	0.25	*U*	5.13	*U*	0.263	*U*	0.25	*U*
Phenanthrene	50	0.113		0.05	*U*	22.4	*D*	0.0526	*U*	0.05	*U*
Phenol	1	2.56	*U*	2.5	*U*	51.3	*U*	2.63	*U*	2.5	*U*
Pyrene	50	0.0513	*U*	0.05	*U*	1.03	*U*	0.0526	*U*	0.05	*U*
Total SVOCs	-	1.92	-	0.36	-	803.6	-	4.42	-	1.06	-
Total TICs	-	NA	-	ND	-	NA	-	NA	-	ND	-
Total SVOCs and TICs	-	1.92	-	0.36	-	803.6	-	4.42	-	1.06	-

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow shade

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 9: SVOCs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-4		MW-4R		MW-5		MW-5R		MW-6	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-4		MW-04R-20151103		MW-5		MW-05R-20151103		MW-6	
U= Not Detected ≥ indicated value	Sample Date	2014-10-16		2015-11-03		2014-10-16		2015-11-03		2014-10-16	
Data above AWQS shown in **Bold**	Dilution Factor	10		1		1		1		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
1,2,4,5-Tetrachlorobenzene	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
1,2,4-Trichlorobenzene	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
1,2-Dichlorobenzene	3	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
1,2-Diphenylhydrazine	ND	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
1,3-Dichlorobenzene	3	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
1,4-Dichlorobenzene	3	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2,3,4,6-Tetrachlorophenol	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2,4,5-Trichlorophenol	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2,4,6-Trichlorophenol	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2,4-Dichlorophenol	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2,4-Dimethylphenol	50	47.1	*JD*	11.6		2.56	*U*	2.5	*U*	2.5	*U*
2,4-Dinitrophenol	10	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2,4-Dinitrotoluene	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2,6-Dinitrotoluene	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2-Chloronaphthalene	10	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2-Chlorophenol	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2-Methylnaphthalene	NA	26.3	*U*	7.27		2.56	*U*	2.5	*U*	2.5	*U*
2-Methylphenol	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2-Nitroaniline	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
2-Nitrophenol	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
3- & 4-Methylphenols	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
3,3'-Dichlorobenzidine	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
3-Nitroaniline	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
4,6-Dinitro-2-methylphenol	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
4-Bromophenyl phenyl ether	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
4-Chloro-3-methylphenol	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
4-Chloroaniline	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
4-Chlorophenyl phenyl ether	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
4-Nitroaniline	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
4-Nitrophenol	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Acenaphthene	20	0.526	*U*	0.48		1.02		1.37		0.05	*U*
Acenaphthylene	NA	0.526	*U*	0.08		0.0513	*U*	0.05	*U*	0.05	*U*
Acetophenone	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Aniline	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Anthracene	50	0.526	*U*	0.44		0.0513	*U*	0.26		0.05	*U*
Atrazine	7.5	5.26	*U*	0.5	*U*	0.513	*U*	0.5	*U*	0.5	*U*
Benzaldehyde	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Benzidine	5	105	*U*	10	*U*	10.3	*U*	10	*U*	10	*U*
Benzo(a)anthracene	0.002	0.526	*U*	0.05	*U*	0.0513	*U*	0.05	*U*	0.05	*U*
Benzo(a)pyrene	NA	0.526	*U*	0.05	*U*	0.0513	*U*	0.05	*U*	0.05	*U*
Benzo(b)fluoranthene	0.002	0.526	*U*	0.05	*U*	0.0513	*U*	0.05	*U*	0.05	*U*
Benzo(g,h,i)perylene	NA	0.526	*U*	0.05	*U*	0.0513	*U*	0.05	*U*	0.05	*U*
Benzo(k)fluoranthene	0.002	0.526	*U*	0.05	*U*	0.0513	*U*	0.05	*U*	0.05	*U*
Benzoic acid	NA	263	*U*	25	*U*	25.6	*U*	25	*U*	25	*U*
Benzyl alcohol	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Benzyl butyl phthalate	50	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Bis(2-chloroethoxy)methane	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Bis(2-chloroethyl)ether	1	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Bis(2-chloroisopropyl)ether	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Bis(2-ethylhexyl)phthalate	5	5.26	*U*	0.86		0.513	*U*	0.5	*U*	0.5	*U*
Caprolactam	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Carbazole	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Chrysene	0.002	0.526	*U*	0.05	*U*	0.0513	*U*	0.05	*U*	0.05	*U*
Dibenzo(a,h)anthracene	NA	0.526	*U*	0.05	*U*	0.0513	*U*	0.05	*U*	0.05	*U*
Dibenzofuran	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Diethyl phthalate	50	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Dimethyl phthalate	50	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Di-n-butyl phthalate	50	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Di-n-octyl phthalate	50	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Fluoranthene	50	0.526	*U*	0.05	*U*	0.0513	*U*	0.19		0.05	*U*
Fluorene	50	0.526	*U*	0.05	*U*	0.0513	*U*	0.59		0.05	*U*
Hexachlorobenzene	0.04	0.211	*U*	0.02	*U*	0.0205	*U*	0.02	*U*	0.02	*U*
Hexachlorobutadiene	0.5	5.26	*U*	0.5	*U*	0.513	*U*	0.5	*U*	0.5	*U*
Hexachlorocyclopentadiene	5	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Hexachloroethane	5	5.26	*U*	0.5	*U*	0.513	*U*	0.5	*U*	0.5	*U*
Indeno(1,2,3-cd)pyrene	0.002	0.526	*U*	0.05	*U*	0.0513	*U*	0.05	*U*	0.05	*U*
Isophorone	50	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Naphthalene	10	0.526	*U*	5.28		0.0513	*U*	0.4		0.05	*U*
Nitrobenzene	0.4	2.63	*U*	0.25	*U*	0.256	*U*	0.25	*U*	0.25	*U*
N-Nitrosodimethylamine	50	5.26	*U*	0.5	*U*	0.513	*U*	0.5	*U*	0.5	*U*
N-nitroso-di-n-propylamine	NA	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
N-Nitrosodiphenylamine	50	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Pentachlorophenol	1	2.63	*U*	0.25	*U*	0.256	*U*	0.25	*U*	0.25	*U*
Phenanthrene	50	0.526	*U*	2		0.0513	*U*	0.75		0.05	*U*
Phenol	1	26.3	*U*	2.5	*U*	2.56	*U*	2.5	*U*	2.5	*U*
Pyrene	50	0.526	*U*	0.05	*U*	0.0513	*U*	0.15		0.05	*U*
Total SVOCs	-	47.1	-	28.0	-	1.02	-	3.71	-	ND	-
Total TICs	-	NA	-	ND	-	NA	-	ND	-	NA	-
Total SVOCs and TICs	-	47.1	-	28.0	-	1.02	-	3.71	-	ND	-

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow shade

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 9: SVOCs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-6		MW-6R		MW-7		MW-8		MW-9	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-Dup-20141016		MW-06R-20151103		MW-07-20151103		MW-08-20151103		MW-09-20151103	
U= Not Detected ≥ indicated value	Sample Date	2014-10-16		2015-11-03		2015-11-03		2015-11-03		2015-11-03	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1		1		10	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetrachlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Diphenylhydrazine	ND	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,3,4,6-Tetrachlorophenol	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4,5-Trichlorophenol	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4,6-Trichlorophenol	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dichlorophenol	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dimethylphenol	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dinitrophenol	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,4-Dinitrotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,6-Dinitrotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Chloronaphthalene	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Chlorophenol	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Methylnaphthalene	NA	2.5	U	2.5	U	2.5	U	2.5	U	9.71	
2-Methylphenol	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Nitroaniline	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Nitrophenol	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
3- & 4-Methylphenols	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
3,3'-Dichlorobenzidine	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
3-Nitroaniline	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4,6-Dinitro-2-methylphenol	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Bromophenyl phenyl ether	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Chloro-3-methylphenol	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Chloroaniline	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Chlorophenyl phenyl ether	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Nitroaniline	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
4-Nitrophenol	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acenaphthene	20	0.05	U	0.05	U	3.94		0.65		**28**	
Acenaphthylene	NA	0.05	U	0.05	U	0.05	U	0.22		1.54	J
Acetophenone	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Aniline	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Anthracene	50	0.05	U	0.05	U	0.55		0.12		3.43	J
Atrazine	7.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzaldehyde	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzidine	5	10	U	10	U	10	U	10	U	10	U
Benzo(a)anthracene	0.002	0.05	U	0.05	U	**0.07**		0.05	U	0.05	U
Benzo(a)pyrene	NA	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(b)fluoranthene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	NA	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzo(k)fluoranthene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Benzoic acid	NA	25	U	25	U	25	U	25	U	25	U
Benzyl alcohol	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Benzyl butyl phthalate	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bis(2-chloroethoxy)methane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bis(2-chloroethyl)ether	1	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bis(2-chloroisopropyl)ether	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bis(2-ethylhexyl)phthalate	5	0.5	U	0.5	U	0.75		1.62		0.5	U
Caprolactam	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbazole	NA	2.5	U	2.5	U	2.5	U	2.5	U	30.5	
Chrysene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	NA	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dibenzofuran	NA	2.5	U	2.5	U	2.5	U	2.5	U	10.1	
Diethyl phthalate	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dimethyl phthalate	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Di-n-butyl phthalate	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Di-n-octyl phthalate	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Fluoranthene	50	0.05	U	0.05	U	0.67		0.13		3.64	J
Fluorene	50	0.05	U	0.05	U	1.28		0.12		12.8	
Hexachlorobenzene	0.04	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachlorocyclopentadiene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Indeno(1,2,3-cd)pyrene	0.002	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Isophorone	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	0.05	U	2.25	J	3.34		2.16		**246**	D
Nitrobenzene	0.4	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
N-Nitrosodimethylamine	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
N-nitroso-di-n-propylamine	NA	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
N-Nitrosodiphenylamine	50	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Pentachlorophenol	1	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Phenanthrene	50	0.05	U	0.83	J	2.11		0.32		21.8	
Phenol	1	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Pyrene	50	0.05	U	0.05	U	0.05	U	0.08		2.42	J
Total SVOCs	-	ND	-	3.08	-	12.7	-	5.42	-	369.9	-
Total TICs	-	NA	-	ND	-	ND	-	ND	-	ND	-
Total SVOCs and TICs	-	ND	-	3.08	-	12.7	-	5.42	-	369.9	-

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow shade

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 9: SVOCs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-9		MW-10	
All data in µg/L (parts per billion, ppb)	Sample ID	DUP-20151103		MW-10-20151103	
U= Not Detected ≥ indicated value	Sample Date	2015-11-03		2015-11-03	
Data above AWQS shown in **Bold**	Dilution Factor	10		1	
SVOCs, 8270	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*
1,1'-Biphenyl	5	2.51	*J*	2.5	*U*
1,2,4,5-Tetrachlorobenzene	5	2.5	*U*	2.5	*U*
1,2,4-Trichlorobenzene	5	2.5	*U*	2.5	*U*
1,2-Dichlorobenzene	3	2.5	*U*	2.5	*U*
1,2-Diphenylhydrazine	ND	2.5	*U*	2.5	*U*
1,3-Dichlorobenzene	3	2.5	*U*	2.5	*U*
1,4-Dichlorobenzene	3	2.5	*U*	2.5	*U*
2,3,4,6-Tetrachlorophenol	NA	2.5	*U*	2.5	*U*
2,4,5-Trichlorophenol	NA	2.5	*U*	2.5	*U*
2,4,6-Trichlorophenol	NA	2.5	*U*	2.5	*U*
2,4-Dichlorophenol	5	2.5	*U*	2.5	*U*
2,4-Dimethylphenol	50	3.68	*J*	2.5	*U*
2,4-Dinitrophenol	10	2.5	*U*	2.5	*U*
2,4-Dinitrotoluene	5	2.5	*U*	2.5	*U*
2,6-Dinitrotoluene	5	2.5	*U*	2.5	*U*
2-Chloronaphthalene	10	2.5	*U*	2.5	*U*
2-Chlorophenol	NA	2.5	*U*	2.5	*U*
2-Methylnaphthalene	NA	2.5	*U*	2.5	*U*
2-Methylphenol	NA	2.5	*U*	2.5	*U*
2-Nitroaniline	5	2.5	*U*	2.5	*U*
2-Nitrophenol	NA	2.5	*U*	2.5	*U*
3- & 4-Methylphenols	NA	2.5	*U*	2.5	*U*
3,3'-Dichlorobenzidine	5	2.5	*U*	2.5	*U*
3-Nitroaniline	5	2.5	*U*	2.5	*U*
4,6-Dinitro-2-methylphenol	NA	2.5	*U*	2.5	*U*
4-Bromophenyl phenyl ether	NA	2.5	*U*	2.5	*U*
4-Chloro-3-methylphenol	NA	2.5	*U*	2.5	*U*
4-Chloroaniline	5	2.5	*U*	2.5	*U*
4-Chlorophenyl phenyl ether	NA	2.5	*U*	2.5	*U*
4-Nitroaniline	5	2.5	*U*	2.5	*U*
4-Nitrophenol	5	2.5	*U*	2.5	*U*
Acenaphthene	20	**32.5**		0.14	
Acenaphthylene	NA	1.69	*J*	0.05	*U*
Acetophenone	NA	2.5	*U*	2.5	*U*
Aniline	5	2.5	*U*	2.5	*U*
Anthracene	50	3.15	*J*	0.05	*U*
Atrazine	7.5	0.5	*U*	0.5	*U*
Benzaldehyde	NA	2.5	*U*	2.5	*U*
Benzidine	5	10	*U*	10	*U*
Benzo(a)anthracene	0.002	0.05	*U*	0.05	*U*
Benzo(a)pyrene	NA	0.05	*U*	0.05	*U*
Benzo(b)fluoranthene	0.002	0.05	*U*	0.05	*U*
Benzo(g,h,i)perylene	NA	0.05	*U*	0.05	*U*
Benzo(k)fluoranthene	0.002	0.05	*U*	0.05	*U*
Benzoic acid	NA	25	*U*	25	*U*
Benzyl alcohol	NA	2.5	*U*	2.5	*U*
Benzyl butyl phthalate	50	2.5	*U*	2.5	*U*
Bis(2-chloroethoxy)methane	5	2.5	*U*	2.5	*U*
Bis(2-chloroethyl)ether	1	2.5	*U*	2.5	*U*
Bis(2-chloroisopropyl)ether	NA	2.5	*U*	2.5	*U*
Bis(2-ethylhexyl)phthalate	5	0.5	*U*	0.5	*U*
Caprolactam	NA	2.5	*U*	2.5	*U*
Carbazole	NA	28		2.5	*U*
Chrysene	0.002	0.05	*U*	0.05	*U*
Dibenzo(a,h)anthracene	NA	0.05	*U*	0.05	*U*
Dibenzofuran	NA	11.7		2.5	*U*
Diethyl phthalate	50	2.5	*U*	2.5	*U*
Dimethyl phthalate	50	2.5	*U*	2.5	*U*
Di-n-butyl phthalate	50	2.5	*U*	2.5	*U*
Di-n-octyl phthalate	50	2.5	*U*	2.5	*U*
Fluoranthene	50	3.54	*J*	0.05	*U*
Fluorene	50	13.6		0.06	
Hexachlorobenzene	0.04	0.02	*U*	0.02	*U*
Hexachlorobutadiene	0.5	0.5	*U*	0.5	*U*
Hexachlorocyclopentadiene	5	2.5	*U*	2.5	*U*
Hexachloroethane	5	0.5	*U*	0.5	*U*
Indeno(1,2,3-cd)pyrene	0.002	0.05	*U*	0.05	*U*
Isophorone	50	2.5	*U*	2.5	*U*
Naphthalene	10	**331**	*D*	0.19	
Nitrobenzene	0.4	0.25	*U*	0.25	*U*
N-Nitrosodimethylamine	50	0.5	*U*	0.5	*U*
N-nitroso-di-n-propylamine	NA	2.5	*U*	2.5	*U*
N-Nitrosodiphenylamine	50	2.5	*U*	2.5	*U*
Pentachlorophenol	1	0.25	*U*	0.25	*U*
Phenanthrene	50	20.9		0.05	*U*
Phenol	1	2.5	*U*	2.5	*U*
Pyrene	50	2.28	*J*	0.05	*U*
Total SVOCs	-	454.6	-	0.39	-
Total TICs	-	ND	-	ND	-
Total SVOCs and TICs	-	454.6	-	0.39	-

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow shade

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 10: TAL Metals (Total) in Groundwater
GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-1		MW-1		MW-2		MW-2	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-1		MW-01-20151103		MW-2		MW-Dup-20141002	
U= Not Detected ≥ indicated value	Sample Date	2014-10-02		2015-11-03		2014-10-02		2014-10-02	
Data above AWQS shown in **Bold**	Factor	1		1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	57		1,180	*B*	10	*U*	10	*U*
Antimony	3	5	*U*	6	*U*	5	*U*	5	*U*
Arsenic	25	13		9		4	*U*	6	
Barium	1,000	154		184		156		156	
Beryllium	3	1	*U*	1	*U*	1	*U*	1	*U*
Cadmium	5	3	*U*	3	*U*	3	*U*	3	*U*
Calcium	NA	147,000		253,000		137,000		137,000	
Chromium	50	5	*U*	6	*U*	5	*U*	5	*U*
Cobalt	5	5	*U*	6	*U*	5	*U*	5	*U*
Copper	200	3	*U*	36		3	*U*	3	*U*
Iron**	300	**7,830**		**1,510**		129		127	
Lead	25	3	*U*	6		3	*U*	3	*U*
Magnesium	35,000	24,800		**62,700**		15,500		15,200	
Manganese**	300	**346**		**767**		**724**		**734**	
Mercury	0.7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Nickel	100	5	*U*	6	*U*	5	*U*	5	*U*
Potassium	NA	23,400		23,500		12,100		11,700	
Selenium	10	**13**		**19**		**11**		**13**	
Silver	50	5	*U*	6	*U*	5	*U*	5	*U*
Sodium	20,000	**90,600**		**85,400**		**43,600**		**43,600**	
Thallium	0.5	5	*U*	6	*U*	5	*U*	5	*U*
Vanadium	14	10	*U*	11	*U*	10	*U*	10	*U*
Zinc	2000	12		164		13		13	

** combined iron and manganese = 500

Detected concentrations shown with blue shade
Concentrations > AWQS shown with **BOLD**, yellow shade

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 10: TAL Metals (Total) in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-3		MW-3		MW-4		MW-4R	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-3		MW-03-20151103		MW-4		MW-04R-20151103	
U= Not Detected ≥ indicated value	Sample Date	2014-10-02		2015-11-03		2014-10-16		2015-11-03	
Data above AWQS shown in **Bold**	Factor	1		1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	63		56	*U*	115		107	*B*
Antimony	3	5	*U*	6	*U*	5	*U*	6	*U*
Arsenic	25	4		4	*U*	**1,010**		**829**	
Barium	1,000	126		285		201		151	
Beryllium	3	1	*U*	1	*U*	1	*U*	1	*U*
Cadmium	5	3	*U*	3	*U*	3	*U*	3	*U*
Calcium	NA	109,000		135,000		214,000		334,000	
Chromium	50	5	*U*	6	*U*	5	*U*	6	*U*
Cobalt	5	5	*U*	6	*U*	5	*U*	6	*U*
Copper	200	3	*U*	23		3	*U*	22	
Iron**	300	**8,080**		**15,100**		**30,900**		**42,300**	
Lead	25	5		3	*U*	3	*U*	5	
Magnesium	35,000	13,300		28,400		**86,800**		**74,100**	
Manganese**	300	**1,990**		**4,060**		**780**		**1,760**	
Mercury	0.7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Nickel	100	5	*U*	6	*U*	14		8	
Potassium	NA	13,900		16,600		39,400		32,900	
Selenium	10	10	*U*	11	*U*	**13**		**13**	
Silver	50	5	*U*	6	*U*	5	*U*	6	*U*
Sodium	20,000	**147,000**		**233,000**		**119,000**		**145,000**	
Thallium	0.5	5	*U*	**6**		5	*U*	6	*U*
Vanadium	14	10	*U*	11	*U*	10	*U*	11	*U*
Zinc	2000	41		194		12		114	

** combined iron and manganese = 500

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 10: TAL Metals (Total) in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-5		MW-5R		MW-6		MW-6		MW-6R	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-5		MW-05R-20151103		MW-6		MW-Dup-20141016		MW-06R-20151103	
U= Not Detected ≥ indicated value	Sample Date	2014-10-16		2015-11-03		2014-10-16		2014-10-16		2015-11-03	
Data above AWQS shown in **Bold**	Factor	1		1		1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	212		56	*U*	39		52		141	*B*
Antimony	3	5	*U*	6	*U*	5	*U*	5	*U*	6	*U*
Arsenic	25	4	*U*	12		4	*U*	4	*U*	6	
Barium	1,000	28		103		78		78		121	
Beryllium	3	1	*U*	1	*U*	1	*U*	1	*U*	1	*U*
Cadmium	5	3	*U*	3	*U*	3	*U*	3	*U*	3	*U*
Calcium	NA	30,000		288,000		89,500		88,000		195,000	
Chromium	50	5	*U*	6	*U*	5	*U*	5	*U*	6	*U*
Cobalt	5	5	*U*	6	*U*	5	*U*	5	*U*	6	*U*
Copper	200	3	*U*	30		3	*U*	11		26	
Iron**	300	**332**		163		**964**		**1,130**		**1,430**	
Lead	25	9		3	*U*	3	*U*	6		11	
Magnesium	35,000	4,310		**90,200**		8,920		8,780		23,000	
Manganese**	300	56		0.2	*U*	148		141		**376**	
Mercury	0.7	0.2	*U*	**471**		0.2	*U*	0.2	*U*	0.2	*U*
Nickel	100	5	*U*	6	*U*	5	*U*	5	*U*	6	*U*
Potassium	NA	3,570		22,800		9,510		9,340		14,100	
Selenium	10	10	*U*	11	*U*	10	*U*	10	*U*	**14**	
Silver	50	5	*U*	6	*U*	5	*U*	5	*U*	6	*U*
Sodium	20,000	8,730		**53,200**		**46,500**		**45,400**		**51,000**	
Thallium	0.5	5	*U*	6	*U*	5	*U*	5	*U*	6	*U*
Vanadium	14	10	*U*	11	*U*	10	*U*	10	*U*	11	*U*
Zinc	2000	14		133		14		87		106	

** combined iron and manganese = 500

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 10: TAL Metals (Total) in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-7		MW-8		MW-9		MW-9		MW-10	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-07-20151103		MW-08-20151103		MW-09-20151103		DUP-20151103		MW-10-20151103	
U= Not Detected ≥ indicated value	Sample Date	2015-11-03		2015-11-03		2015-11-03		2015-11-03		2015-11-03	
Data above AWQS shown in **Bold**	Factor	1		1		1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	3,050	*B*	56	*U*	56	*U*	182	*B*	56	*U*
Antimony	3	6	*U*	**6**		6	*U*	6	*U*	6	*U*
Arsenic	25	8		5		9		4	*U*	**84**	
Barium	1,000	289		166		288		273		127	
Beryllium	3	1	*U*	1	*U*	1	*U*	1	*U*	1	*U*
Cadmium	5	3	*U*	3	*U*	3	*U*	3	*U*	3	*U*
Calcium	NA	292,000		285,000		173,000		170,000		189,000	
Chromium	50	9		6	*U*	6	*U*	6	*U*	6	*U*
Cobalt	5	6	*U*	6	*U*	6	*U*	6	*U*	6	*U*
Copper	200	31		17		13		11		13	
Iron**	300	**11,800**		**6,040**		**735**		**770**		**3,910**	
Lead	25	**151**		4		3	*U*	3	*U*	3	*U*
Magnesium	35,000	**37,100**		29,100		25,300		24,500		32,000	
Manganese**	300	**6,110**		**2,780**		**750**		**722**		**701**	
Mercury	0.7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Nickel	100	6	*U*	6	*U*	6	*U*	6	*U*	6	*U*
Potassium	NA	19,000		14,200		12,500		12,300		11,300	
Selenium	10	11	*U*	11	*U*	11	*U*	11	*U*	11	*U*
Silver	50	6	*U*	6	*U*	6	*U*	6	*U*	6	*U*
Sodium	20,000	**146,000**		**92,200**		**57,400**		**56,700**		**32,100**	
Thallium	0.5	6	*U*	6	*U*	6	*U*	6	*U*	6	*U*
Vanadium	14	11	*U*	11	*U*	11	*U*	11	*U*	11	*U*
Zinc	2000	139		293		62		76		74	

** combined iron and manganese = 500

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 11: TAL Metals (Dissolved) in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-1		MW-1		MW-2		MW-2	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-1		MW-01-20151103		MW-2		MW-Dup-20141002	
U= Not Detected ≥ indicated value	Sample Date	2014-10-02		2015-11-03		2014-10-02		2014-10-02	
Data above AWQS shown in **Bold**	Factor	1		1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	10	*U*	56	*U*	10	*U*	10	*U*
Antimony	3	5	*U*	6	*U*	5	*U*	5	*U*
Arsenic	25	4	*U*	4	*U*	4	*U*	5	
Barium	1,000	112		172		152		153	
Beryllium	3	1	*U*	1	*U*	1	*U*	1	*U*
Cadmium	5	3	*U*	3	*U*	3	*U*	3	*U*
Calcium	NA	145,000		254,000		137,000		137,000	
Chromium	50	5	*U*	6	*U*	5	*U*	5	*U*
Cobalt	5	5	*U*	6	*U*	5	*U*	5	*U*
Copper	200	3	*U*	78		3	*U*	3	*U*
Iron**	300	20	*U*	60		31		24	
Lead	25	3	*U*	5		3	*U*	3	*U*
Magnesium	35,000	24,200		**63,700**		15,600		15,600	
Manganese**	300	**320**		**762**		**749**		**742**	
Mercury	0.7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Nickel	100	5	*U*	6	*U*	5	*U*	5	*U*
Potassium	NA	23,200		23,900		12,000		12,000	
Selenium	10	**20**		**30**		**11**		10	*U*
Silver	50	5	*U*	6	*U*	5	*U*	5	*U*
Sodium	20,000	**90,800**		**85,400**		**43,700**		**43,400**	
Thallium	0.5	5	*U*	6	*U*	5	*U*	5	*U*
Vanadium	14	10	*U*	11	*U*	10	*U*	10	*U*
Zinc	2,000	10	*U*	411		10	*U*	10	*U*

** combined iron and manganese = 500

Detected concentrations shown with blue shade
Concentrations > AWQS shown with **BOLD**, yellow shade

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 11: TAL Metals (Dissolved) in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-3		MW-3		MW-4		MW-4R	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-3		MW-03-20151103		MW-4		MW-04R-20151103	
U= Not Detected ≥ indicated value	Sample Date	2014-10-02		2015-11-03		2014-10-16		2015-11-03	
Data above AWQS shown in **Bold**	Factor	1		1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	10	*U*	56	*U*	10	*U*	56	*U*
Antimony	3	5	*U*	6	*U*	5	*U*	6	*U*
Arsenic	25	4	*U*	4	*U*	**808**		**691**	
Barium	1,000	110		280		104		122	
Beryllium	3	1	*U*	1	*U*	1	*U*	1	*U*
Cadmium	5	3	*U*	3	*U*	3	*U*	3	*U*
Calcium	NA	110,000		136,000		216,000		348,000	
Chromium	50	5	*U*	6	*U*	5	*U*	6	*U*
Cobalt	5	5	*U*	6	*U*	5	*U*	6	*U*
Copper	200	3	*U*	58		3	*U*	51	
Iron**	300	20	*U*	**12,700**		221		**35,200**	
Lead	25	3	*U*	4		3	*U*	6	
Magnesium	35,000	13,500		28,300		**89,100**		**72,400**	
Manganese**	300	**2,020**		**4,060**		**747**		**1,830**	
Mercury	0.7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Nickel	100	5	*U*	6	*U*	5	*U*	6	*U*
Potassium	NA	13,900		16,500		41,200		31,300	
Selenium	10	**11**		11	*U*	**22**		11	*U*
Silver	50	5	*U*	6	*U*	5	*U*	6	*U*
Sodium	20,000	**148,000**		**233,000**		**122,000**		**146,000**	
Thallium	0.5	5	*U*	6	*U*	5	*U*	6	*U*
Vanadium	14	10	*U*	11	*U*	10	*U*	11	*U*
Zinc	2,000	22		397		10	*U*	263	

** combined iron and manganese = 500

Detected concentrations shown with blue shade
Concentrations > AWQS shown with **BOLD**, yellow

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 11: TAL Metals (Dissolved) in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-5R		MW-6R		MW-7		MW-8	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-05R-20151103		MW-06R-20151103		MW-07-20151103		MW-08-20151103	
U= Not Detected ≥ indicated value	Sample Date	2015-11-03		2015-11-03		2015-11-03		2015-11-03	
Data above AWQS shown in **Bold**	Factor	1		1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	56	*U*	56	*U*	56	*U*	56	*U*
Antimony	3	6	*U*	6	*U*	6	*U*	**7**	
Arsenic	25	5		4	*U*	4	*U*	5	
Barium	1,000	100		124		233		153	
Beryllium	3	1	*U*	1	*U*	1	*U*	1	*U*
Cadmium	5	3	*U*	3	*U*	3	*U*	3	*U*
Calcium	NA	286,000		197,000		283,000		299,000	
Chromium	50	6	*U*	6	*U*	6	*U*	6	*U*
Cobalt	5	6	*U*	6	*U*	6	*U*	6	*U*
Copper	200	48		40		37		32	
Iron**	300	70		190		**8,430**		66	
Lead	25	3	*U*	3	*U*	4		3	*U*
Magnesium	35,000	**92,800**		22,300		**36,400**		29,800	
Manganese**	300	**462**		**386**		**6,450**		**2,680**	
Mercury	0.7	0.2	*U*	0.2	*U*	0.2	*U*	0.2	*U*
Nickel	100	6	*U*	6	*U*	6	*U*	6	*U*
Potassium	NA	23,200		14,400		18,900		14,300	
Selenium	10	11	*U*	11	*U*	11	*U*	11	*U*
Silver	50	6	*U*	6	*U*	6	*U*	6	*U*
Sodium	20,000	**52,800**		**51,300**		**152,000**		**88,300**	
Thallium	0.5	6	*U*	6	*U*	6	*U*	6	*U*
Vanadium	14	11	*U*	11	*U*	11	*U*	11	*U*
Zinc	2,000	255		207		191		347	

** combined iron and manganese = 500

Detected concentrations shown with blue shade
Concentrations > AWQS shown with **BOLD**, yellow

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 11: TAL Metals (Dissolved) in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-9		MW-9		MW-10	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-09-20151103		DUP-20151103		MW-10-20151103	
U= Not Detected ≥ indicated value	Sample Date	2015-11-03		2015-11-03		2015-11-03	
Data above AWQS shown in **Bold**	Factor	1		1		1	
Metals, 6010 and 7473	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aluminum	NA	56	*U*	56	*U*	56	*U*
Antimony	3	6	*U*	6	*U*	6	*U*
Arsenic	25	4	*U*	4	*U*	18	
Barium	1,000	273		270		120	
Beryllium	3	1	*U*	1	*U*	1	*U*
Cadmium	5	3	*U*	3	*U*	3	*U*
Calcium	NA	173,000		168,000		190,000	
Chromium	50	6	*U*	6	*U*	6	*U*
Cobalt	5	6	*U*	6	*U*	6	*U*
Copper	200	27		29		34	
Iron**	300	**430**		**424**		89	
Lead	25	3	*U*	3	*U*	3	*U*
Magnesium	35,000	24,600		23,600		31,200	
Manganese**	300	**731**		**780**		**708**	
Mercury	0.7	0.2	*U*	0.2	*U*	0.2	*U*
Nickel	100	6	*U*	6	*U*	6	*U*
Potassium	NA	12,300		12,300		10,700	
Selenium	10	11	*U*	**11**		11	*U*
Silver	50	6	*U*	6	*U*	6	*U*
Sodium	20,000	**56,000**		**55,100**		**31,300**	
Thallium	0.5	6	*U*	6	*U*	6	*U*
Vanadium	14	11	*U*	11	*U*	11	*U*
Zinc	2,000	148		151		156	

** combined iron and manganese = 500

Detected concentrations shown with blue shade
Concentrations > AWQS shown with **BOLD**, yellow

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 12: Pesticides and PCBs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

	Well ID	MW-1		MW-2		MW-3	
All data in µg/L (parts per billion, ppb)	Sample ID	MW-1		MW-2		MW-3	
U= Not Detected ≥ indicated value	Sample Date	2014-10-02		2014-10-02		2014-10-02	
Data above AWQS shown in **Bold**	Dilution Factor	1		1		1	
Pesticides, 8081	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
4,4'-DDD	0.3	0.0041	*U*	0.004	*U*	0.0041	*U*
4,4'-DDE	0.2	0.0041	*U*	0.004	*U*	0.0041	*U*
4,4'-DDT	0.2	0.0041	*U*	0.004	*U*	0.0041	*U*
Aldrin	NE	0.0041	*U*	0.004	*U*	0.0041	*U*
alpha-BHC	0.01	0.0041	*U*	0.004	*U*	0.0041	*U*
alpha-Chlordane	0.05	0.0041	*U*	0.004	*U*	0.0041	*U*
beta-BHC	0.04	0.0041	*U*	0.004	*U*	0.0041	*U*
Chlordane, total	0.05	0.041	*U*	0.04	*U*	0.041	*U*
delta-BHC	0.04	0.0041	*U*	0.004	*U*	0.0041	*U*
Dieldrin	0.004	0.00205	*U*	0.002	*U*	0.00205	*U*
Endosulfan I	NA	0.0041	*U*	0.004	*U*	0.0041	*U*
Endosulfan II	NA	0.0041	*U*	0.004	*U*	0.0041	*U*
Endosulfan sulfate	NA	0.0041	*U*	0.004	*U*	0.0041	*U*
Endrin	NA	0.0041	*U*	0.004	*U*	0.0041	*U*
Endrin aldehyde	5	0.0103	*U*	0.01	*U*	0.0103	*U*
Endrin ketone	5	0.0103	*U*	0.01	*U*	0.0103	*U*
gamma-BHC (Lindane)	0.05	0.0041	*U*	0.004	*U*	0.0041	*U*
gamma-Chlordane	0.05	0.0103	*U*	0.01	*U*	0.0103	*U*
Heptachlor	0.04	0.0041	*U*	0.004	*U*	0.0041	*U*
Heptachlor Epoxide	0.03	0.0041	*U*	0.004	*U*	0.0041	*U*
Methoxychlor	35	0.0041	*U*	0.004	*U*	0.0041	*U*
Toxaphene	0.06	0.103	*U*	0.1	*U*	0.103	*U*
	Sample ID	MW-1		MW-2		MW-3	
	Sample Date	2014-10-02		2014-10-02		2014-10-02	
	Dilution Factor	1		1		1	
PCBs, 8082	**AWQS**	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Aroclor 1016	0.09	0.0513	*U*	0.05	*U*	0.0513	*U*
Aroclor 1221	0.09	0.0513	*U*	0.05	*U*	0.0513	*U*
Aroclor 1232	0.09	0.0513	*U*	0.05	*U*	0.0513	*U*
Aroclor 1242	0.09	0.0513	*U*	0.05	*U*	0.0513	*U*
Aroclor 1248	0.09	0.0513	*U*	0.05	*U*	0.0513	*U*
Aroclor 1254	0.09	0.0513	*U*	0.05	*U*	0.0513	*U*
Aroclor 1260	0.09	0.0513	*U*	0.05	*U*	0.0513	*U*
Aroclor, Total	0.09	0.0513	*U*	0.05	*U*	0.0513	*U*

Detected concentrations shown with blue shade

Concentrations > AWQS shown with **BOLD**, yellow shade

Notes: AWQS based on NYSDEC TOGS 1.1.1 (Class GA) NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 13: VOC and SVOC TICs in Groundwater
GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Well ID	MW-1		MW-3		MW-4R		MW-5R	
Sample ID	MW-01-20151103		MW-03-20151103		MW-04R-20151103		MW-05R-20151103	
All data in µg/L Sample Date	2015-11-03		2015-11-03		2015-11-03		2015-11-03	
(parts per billion, ppb) Dilution Factor	1		1		1		1	
VOCs TICs	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
(ethylthio) propane isomer					130	*JN*		
benzo thiophene isomer								
butane isomer					55	*JN*		
cyclohexene isomer					61	*JN*		
Cyclopentene isomer					48	*JN*		
diethyl sulfide isomer					72	*JN*		
dihydro methyl indene isomers								
dimethyl butane isomer								
dimethyl Cyclohexane isomer								
dimethyl Cyclohexane isomers								
dimethyl cyclopentane isomers								
dimethyl cyclopentene isomer					28	*JN*		
dimethyl Cyclopropane isomer					25	*JN*		
dimethyl Hexane isomer								
dimethyl pentane isomers								
ethyl Cyclohexane isomer								
Ethyl Methyl Benzene isomer					25	*JN*		
ethyl propyl sulfide isomer					26	*JN*		
Hexane isomer					36	*JN*		
indane isomer								
indene isomer								
methyl (propenyl) benzene isomer								
methyl benzofuran isomer								
methyl Butane isomer					49	*JN*		
methyl cyclohexene isomer					38	*JN*		
methyl Cyclopentane isomer								
methyl cyclopentane isomers					110	*JN*		
methyl indene isomers								
methyl Pentane isomer								
Naphthalene					13	*JN*	2.6	*JN*
pentane isomer					75	*JN*		
Pentene isomer					34	*JN*		
Trimethyl Benzene isomers					120	*JN*		
Trimethyl cyclopentane isomer								
Unknown silane isomer								
Unknown silane isomers								
unknown siloxane isomer								
Tentatively Identified Compounds	ND		ND					
TOTAL VOC TICS	ND		ND		945		2.6	
SVOCs TICs	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Tentatively Identified Compounds	ND		ND		ND		ND	
TOTAL SVOC TICS	ND		ND		ND		ND	

Notes: ND = not detected
Result Qualifiers: JN = estimated value

Table 13: VOC and SVOC TICs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Well ID	MW-6R		MW-7		MW-8		MW-9	
Sample ID	MW-06R-20151103		MW-07-20151103		MW-08-20151103		MW-09-20151103	
All data in µg/L Sample Date	2015-11-03		2015-11-03		2015-11-03		2015-11-03	
(parts per billion, ppb) Dilution Factor	1		1		1		1	
VOCs TICs	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
(ethylthio) propane isomer								
benzo thiophene isomer								
butane isomer								
cyclohexene isomer								
Cyclopentene isomer								
diethyl sulfide isomer								
dihydro methyl indene isomers							7.3	*JN*
dimethyl butane isomer	4.6	*JN*						
dimethyl Cyclohexane isomer			1	*JN*				
dimethyl Cyclohexane isomers	18	*JN*						
dimethyl cyclopentane isomers	21	*JN*						
dimethyl cyclopentene isomer								
dimethyl Cyclopropane isomer								
dimethyl Hexane isomer	1.6	*JN*						
dimethyl pentane isomers	3.7	*JN*						
ethyl Cyclohexane isomer	1.4	*JN*						
Ethyl Methyl Benzene isomer							1.4	*JN*
ethyl propyl sulfide isomer								
Hexane isomer								
indane isomer			3.2	*JN*	3.6	*JN*	100	*JN*
indene isomer							5.4	*JN*
methyl (propenyl) benzene isomer							2.2	*JN*
methyl benzofuran isomer							4.3	*JN*
methyl Butane isomer	2.3	*JN*						
methyl cyclohexene isomer								
methyl Cyclopentane isomer	5.9	*JN*						
methyl cyclopentane isomers								
methyl indene isomers							3.6	*JN*
methyl Pentane isomer	12	*JN*						
Naphthalene	4	*JN*	6.9	*JN*	4.6	*JN*	560	*JN*
pentane isomer								
Pentene isomer								
Trimethyl Benzene isomers							6.6	*JN*
Trimethyl cyclopentane isomer	1.6	*JN*						
Unknown silane isomer			9.3	*JN*	3.5	*JN*	1.9	*JN*
Unknown silane isomers	23	*JN*						
unknown siloxane isomer	17	*JN*	8	*JN*	3.1	*JN*		
Tentatively Identified Compounds								
TOTAL VOC TICS	116		28.4		14.8		693	
SVOCs TICs	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*	*Result*	*Qualifier*
Tentatively Identified Compounds	ND		ND		ND		ND	
TOTAL SVOC TICS	ND		ND		ND		ND	

Notes: ND = not detected
Result Qualifiers: JN = estimated value

Table 13: VOC and SVOC TICs in Groundwater

GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

Well ID	MW-9		MW-10	
Sample ID	DUP-20151103		MW-10-20151103	
All data in µg/L Sample Date	2015-11-03		2015-11-03	
(parts per billion, ppb) Dilution Factor	1		1	
VOCs TICs	*Result*	*Qualifier*	*Result*	*Qualifier*
(ethylthio) propane isomer				
benzo thiophene isomer	1.5	*JN*		
butane isomer				
cyclohexene isomer				
Cyclopentene isomer				
diethyl sulfide isomer				
dihydro methyl indene isomers	9.5	*JN*		
dimethyl butane isomer				
dimethyl Cyclohexane isomer				
dimethyl Cyclohexane isomers				
dimethyl cyclopentane isomers				
dimethyl cyclopentene isomer				
dimethyl Cyclopropane isomer				
dimethyl Hexane isomer				
dimethyl pentane isomers				
ethyl Cyclohexane isomer				
Ethyl Methyl Benzene isomer				
ethyl propyl sulfide isomer				
Hexane isomer				
indane isomer	100	*JN*		
indene isomer	5.5	*JN*		
methyl (propenyl) benzene isomer				
methyl benzofuran isomer	2.7	*JN*		
methyl Butane isomer				
methyl cyclohexene isomer				
methyl Cyclopentane isomer				
methyl cyclopentane isomers				
methyl indene isomers	3.7	*JN*		
methyl Pentane isomer				
Naphthalene	560	*JN*	42	*JN*
pentane isomer				
Pentene isomer				
Trimethyl Benzene isomers	6.9	*JN*		
Trimethyl cyclopentane isomer				
Unknown silane isomer	1.8	*JN*		
Unknown silane isomers				
unknown siloxane isomer				
Tentatively Identified Compounds				
TOTAL VOC TICS	692		42	
SVOCs TICs	*Result*	*Qualifier*	*Result*	*Qualifier*
Tentatively Identified Compounds	ND		ND	
TOTAL SVOC TICS	ND		ND	

Notes: ND = not detected
Result Qualifiers: JN = estimated value

Table 14: Sample Collection and Submission
GDC LIC DEVELOPMENT, NYSDEC BCP Site: C241172

Ecosystems Strategies, Inc.

ESI File: GQ14076

SOIL		QUANTITY / NUMBER OF SAMPLES		
		Phase II Investigation	**Remedial Investigation**	**Documented in RIR**
Soil Borings Extended		15	24	39
Samples Submitted to Laboratory		25	44	69
Breakdown by Analyte Category	*VOCs*	18	44	62
	SVOCs	22	44	66
	Metals	17	44	61
	Pesticides	17	4	21
	PCBs	17	4	21
	VOC/SVOC TICs	0	44	44
Breakdown by Sample Analysis Grouping	*VOCs+10, SVOCs+20, Metals*	0	40	40
	VOCs+10, SVOCs+20, Metals, Pest., PCBs	0	4	4
	VOCs, SVOCs, Metals, Pest., PCBs, Cr (hex)	3	0	3
	VOCs, SVOCs, Metals, Pest., PCBs	7	0	7
	SVOCs, Metals, Pest., PCBs	7	0	7
	VOCs, SVOCs	5	0	5
	VOCs	3	0	3
GROUNDWATER		**Phase II Investigation**	**Remedial Investigation**	**Documented in RIR**
Borings Converted to Monitoring Wells		6	7	13
Samples Submitted to Laboratory		6	9	15
Breakdown by Analyte Category	*VOCs*	6	9	15
	SVOCs	6	9	15
	Metals (total)	6	9	15
	Metals - Dissolved	4	9	13
	Pesticides	3	0	3
	PCBs	3	0	3
	VOC/SVOC TICs	0	9	9
Breakdown by Sample Analysis Grouping	*VOCs+10, SVOCs+20, Metals (total & dissolved)*	0	9	9
	VOCs , SVOCs, Pest, PCBs, Metals (total & dissolved)	3	0	3
	VOCs , SVOCs, Metals (total & dissolved)	1	0	1
	VOCs , SVOCs, Metals (total)	2	0	2
SOIL VAPOR		**Phase II Investigation**	**Remedial Investigation**	**Documented in RIR**
Sub-slab Implants Sampled for VOCs		7	6	13

APPENDIX C

Soil Boring Logs and Geotechnical Boring Plan

Soil Boring Log

Ecosystems Strategies, Inc.

SB-01 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-09-16 DRILLER (RIG) Enviroprobe (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast, light breeze, mid-60s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (60%)	Brown, M SAND, concrete fragments @4' (Fill)	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (40%)	Brown, M SAND (Fill) ,	Moist	0.0	ND	ND	ND	
10 – 15' (60%)	Brown and Black, C SAND, weathered rock, black organic layer at 10.5' ****** Saturated at 11' ***** ****** End of Boring at 15' *****	Wet	4.1	ND	ND	ND	**(11-13')**

Notes

Fill Materials

Surface to 10'

Saturated Soils

10 - 15'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-02 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-09-16 DRILLER (RIG) Enviroprobe (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast, light breeze, mid-60s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (80%)	Brown, M SAND, brick and concrete fragments 0 - 2.5' (Fill)	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (50%)	Brown, M SAND (Fill) ,	Moist	0.0	ND	ND	ND	
10 – 15' (70%)	Brown, M-C SAND, some black Clay ****** Saturated at 11' ***** ****** End of Boring at 15' *****	Wet	0.0	ND	ND	ND	**(11-13')**

Notes

Fill Materials

Surface to 10'

Saturated Soils

11 - 15'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-03 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-09-16 DRILLER (RIG) Enviroprobe (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast, light breeze, mid-60s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (80%)	Brown to Black, M SAND, gravelly, concrete fragments from 4 -5' (Fill)	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (100%)	Brown to Black, F-M SAND (Fill) , ****** Saturated at 10' *****	Moist	0.0	ND	ND	ND	
10 – 15' (100%)	Brown to Black, F SAND, gravelly Some Brown, CLAY ****** End of Boring at 15' *****	Wet Moist	0.0 0.0	ND ND	ND ND	ND ND	**(11-13')**

Notes

Fill Materials

surface to 10'

Saturated Soils

10 - 15'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-04 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-09-25 DRILLER (RIG) Enviroprobe (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Raining, light breeze, low-70s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE LOADING DOCK FLOOR SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (100%)	Brown, F SAND, concrete fragments (Fill)	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (100%)	Brown, Sandy SILT ****** Saturated at 5.5' *****	Wet	0.0	ND	ND	ND	
10 – 15' (100%)	Brown, F-M SAND Some Brown, CLAY ****** End of Boring at 15' *****	Wet Moist	2.1	ND	ND	ND	**(11-13')**

Notes

Fill Materials

Surface (recessed floor of loading dock) to 5'

Saturated Soils

5.5 - 15'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-05 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-10-10 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast, breezy, low-60s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (50%)	Brown, M SAND, gravelly, concrete fragments (Fill)	Dry	0.0	ND	ND	ND	
5 – 10' (30%)	Brown, M SAND (Fill) ,	Dry	0.0	ND	ND	ND	
10 – 15' (100%)	Brown, medium SAND, some Black Clay ****** Saturated at 11' ***** ****** End of Boring at 15' *****	Wet	0.0	ND	ND	ND	**(13-15')**

Notes

Fill Materials

Surface to 10'

Saturated Soils

10 - 15'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

SB-06 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-10-10 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast, breezy, low-60s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (variable)	Brown to Black, F-C SAND, concrete and rock fragments (Fill)	Dry	0.0	ND	ND	ND	
5 – 10' (50%)	Brown to Black, F-C SAND, concrete and rock fragments (Fill) , ****** End of Boring at 9' *****	Dry	0.0	ND	ND	ND	**(7-9')**

Notes

Fill Materials

Surface to 9', refusal at 9' – likely subsurface debris

Saturated Soils

Not encountered

Field Evidence of Contamination

No obvious contamination observed

OTHER

Four total attempts to extend boring, with other refusals at 3.5', 4' and 4.5'

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-01 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 65-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (50%)	Brown, F-C SAND, gravel and rocks fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (75%)	Brown, F-C SAND, gravel and rocks fragments (Fill) ,	Moist	0.0	ND	ND	ND	**(11-12')**
8 - 12' (25%)	Brown, F-C SAND, gravel and rocks fragments (Fill) , ****** Saturated at 11' *****	Moist	0.0	ND	ND	ND	**(11-12')**
12-16' (25%)	Dark brown, F-C SAND, gravel fragments	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12-20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-01 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 65-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16-20' (50%)	Dark gray, C SAND, gravel and brick fragments ****** End of Boring at 20' *****	Wet	0.0	ND	ND	ND	
	,						

Notes

Fill Materials

Surface to 12'

Saturated Soils

12-20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-02 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 65-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (50%)	Brown, F-C SAND, gravel and rocks fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (50%)	Brown, F-C SAND, gravel and rocks fragments (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (50%)	Brown, F-C SAND, gravel and rocks fragments (Fill) Gray staining at bottom of sleeve ****** Saturated at 11' *****	Moist	0.0	ND	**Yes**	ND	**11-12'**
12 – 16' (50%)	Dark brown, F-C SAND, gravel and wood fragments Chemical odor	Wet	**4.1**	**Yes**	ND	ND	**12-16'**

Notes

Fill Materials

Surface to 12'

Saturated Soils

12-28'

Field Evidence of Contamination

@12-16' - Chemical odor

@16-26' – NAPL, sheen and staining, @ 20' PID = 347 ppm, @ 25' PID = 39 ppm

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-02 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 65-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (50%)	Dark brown, C SAND overlying sub-angular gravel Dark NAPL droplets throughout sleeve	Wet	**12.4**	**Yes**	ND	**Yes**	
20 – 24' (50%)	Dark brown, C SAND, wood fragments overlying sub-angular gravel, dark NAPL droplets throughout sleeve Sheen and NAPL observed on standing water in sleeve	Wet	**347**	**Yes**	ND	**Yes**	**20-24'**
24 – 28' (100%)	Brown to light, silty CLAY Mild odors. 24-26' – Sheen, NAPL droplets and dark gray staining, 26-28' – No staining ****** End of Boring at 28' *****	Wet	**39**	**Yes**	**Yes**	**Yes**	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12-28'

Field Evidence of Contamination

@12-16' – Distinct sweet odor

@16-26' – NAPL, sheen and staining, @ 20' PID = 347 ppm, @ 25' PID = 39 ppm

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-03 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-C SAND, gravel and rocks fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (100%)	Brown, F-C SAND, gravel and rocks fragments (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (50%)	Brown, F-C SAND, gravel and rocks fragments (Fill) ****** Saturated at 11' *****	Moist	0.0	ND	ND	ND	
12 – 16' (75%)	Medium to dark brown, M SAND, gravel fragments	Wet	0.0	ND	ND	ND	**12-14'**

Notes

Fill Materials

Surface to 12'

Saturated Soils

12-20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-03 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (75%)	Medium to dark brown, M SAND, gravel fragments overlying dark brown PEAT ****** End of Boring at 20' *****	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12-20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-04 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-C SAND, gravel fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (75%)	Brown, F-C SAND, gravel fragments (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (50%)	Brown and gray, silty clayey F SAND overlaying C SAND, gravel fragments (Fill) ****** Saturated at 11' *****	Moist	0.0	ND	ND	ND	**11-12'**
12 – 16' (75%)	Brown and gray, silty clayey F SAND overlaying black and gray sub-angular GRAVEL 15-16' – Slight sheen and faint odor	Wet	0.0	**Yes**	ND	**Yes**	**15-16'**

Notes

Fill Materials

Surface to 12'

Saturated Soils

12-24'

Field Evidence of Contamination

@15-16' – Slight sheen and faint odor

@19-20' – Faint odor, @ 22-24' No contamination observed.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-04 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 24' (75%)	Black sub-angular GRAVEL and PEAT overlaying gray and light brown silty CLAY (Native) 19-20' – Faint odor.	Wet	0.0	**Yes**	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12-24'

Field Evidence of Contamination

@15-16' – Slight sheen and faint odor

@19-20' – Faint odor, @ 22-24' No contamination observed.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-05 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (50%)	Brown, F-C SAND, gravel and brick fragments (Fill) ,	Dry	0.0	ND	ND	ND	
8 – 12' (50%)	Brown, F-C SAND, gravel and brick fragments (Fill) , ****** Saturated at 10' *****	Moist	0.0	ND	ND	ND	**11-12'**
12 – 16' (100%)	Brown, silty clayey F SAND overlaying black C SAND and PEAT	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 18'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Duplicate sample DUP-20151026 collected from this location at interval 11-12'.

Four total attempts to extend boring, with other refusals at 9'.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-05 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (50%)	Dark Brown PEAT ****** End of Boring at 18' – REFUSAL *****	Wet	0.0	ND	ND	ND	
	,						

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 18'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Duplicate sample DUP-20151026 collected from this location at interval 11-12'.

Four total attempts to extend boring, with other refusals at 9'.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-06 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (50%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (50%)	Brown, F-C SAND, gravel and brick fragments (Fill) ****** Saturated at 11' *****	Moist	0.0	ND	ND	ND	**11-12'**
12 – 16' (100%)	Brown, silty clayey F SAND 15 – 16' – Mild odors.	Wet	0.0	**Yes**	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

@17-18' – NAPL, @ 17.5' PID = 286 ppm, @ 19-20' PID = 12.6 ppm

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-06 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Dark brown, C SAND, gravel fragments overlaying PEAT 17-18' – NAPL droplets. 19-20' – Mild odors. ****** End of Boring at 20' *****	Wet	**286**	**Yes**	ND	**Yes**	**17-18'**

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

@17-18' – NAPL, @ 17.5' PID = 286 ppm, @ 19-20' PID = 12.6 ppm

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-07 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (25%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (50%)	Brown, F-C SAND, gravel and brick fragments (Fill) ****** Saturated at 11' *****	Moist	0.0	ND	ND	ND	**11-12'**
12 – 16' (75%)	Dark brown, silty clayey F SAND, gravel fragments	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-07 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (75%)	Dark brown, silty clayey F SAND, gravel fragments overlaying PEAT ****** End of Boring at 20' - REFUSAL*****	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-08 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Wet	0.0	ND	ND	ND	
4 – 8' (25%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Wet	0.0	ND	ND	ND	
8 – 12' (50%)	Brown, F-C SAND, gravel and brick fragments (Fill) ****** Saturated at 11' *****	Wet	0.0	ND	ND	ND	**11-12'**
12 – 16' (0%)	No recovery	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-08 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (50%)	Brown, silty F SAND overlaying PEAT ****** End of Boring at 20' *****	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-09 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (50%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (50%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Moist	0.0	ND	ND	ND	**11-12'**
12 – 16' (50%)	Brown, silty clayey F SAND	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-09 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Dark brown, F-M SAND, gravel fragments overlaying PEAT ****** End of Boring at 20' *****	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-10 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (50%)	Brown, F-C SAND, gravel and brick fragments (Fill)	Wet	0.0	ND	ND	ND	
4 – 8' (75%)	Brown, silty clayey F SAND	Wet	0.0	ND	ND	ND	
8 – 12' (100%)	Dark brown, F-M SAND, gravel fragments overlaying PEAT ****** Saturated at 11' *****	Wet	0.0	ND	ND	ND	**11-12'**
12 – 16' (75%)	Brown, silty clayey F SAND	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Four total attempts to extend boring, with other refusals at 8'.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-10 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 55-60 70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Dark brown, F-M SAND, gravel fragments overlaying PEAT ****** End of Boring at 20' *****	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Four total attempts to extend boring, with other refusals at 8'.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-11 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, M SAND, rock and brick fragments, and burn wood ash (Fill)	Dry	**0.2**	ND	ND	ND	
4 – 8' (50%)	Brown, M SAND, rock and brick fragments, and burn wood ash (Fill) ,	Dry	**0.2**	ND	ND	ND	
8 – 12' (25%)	Gray and brown, M-C SAND, gravel fragments (Fill) , ****** Saturated at 11' *****	Moist	**0.2**	ND	ND	ND	**11-12'** **12-13'**
12 – 16' (75%)	Medium brown M-C SAND, burned wood and masonry	Wet	**0.2**	ND	ND	ND	

Notes

Fill Materials

Surface to 13'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Duplicate sample DUP-20151027 collected from this location at interval 11-12'.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-11 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (75%)	Brown to gray C SAND overlaying PEAT ****** End of Boring at 20' *****	Wet	**0.2**	ND	ND	ND	

Notes

Fill Materials

Surface to 13'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Duplicate sample DUP-20151027 collected from this location at interval 11-12'.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-12 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Orange and Brown, F-M SAND, rock and gravel (Fill)	Dry	**0.2**	ND	ND	ND	
4 – 8' (75%)	Orange and Brown, F-M SAND, rock and gravel (Fill) ,	Dry	**0.2**	ND	ND	ND	
8 – 12' (50%)	Black, C SAND, slag overlaying brown to light brown, M-C SAND (Fill) , ****** Saturated at 11' *****	Moist	**0.3**	ND	ND	ND	**11-12'** **12-13'**
12 – 16' (100%)	Medium brown, M-C SAND	Wet	**0.2**	ND	ND	ND	

Notes

Fill Materials

Surface to 11'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-12 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Medium brown, M-C SAND ****** End of Boring at 20' *****	Wet	**0.2**	ND	ND	ND	
	,						

Notes

Fill Materials

Surface to 11'

Saturated Soils

12 - 20'

Field Evidence of Contamination

No obvious contamination observed

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-13 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Medium brown, M-C SAND, masonry, rock and brick fragments (Fill)	Dry	**0.2**	ND	ND	ND	
4 – 8' (50%)	Medium brown, M-C SAND, masonry, rock and brick fragments (Fill)	Dry	**0.2**	ND	ND	ND	
8 – 12' (50%)	Brown, M-C SAND, gravel fragments (Fill) 11-12' – Black color and slight chemical odor ****** Saturated at 11' *****	Moist	0.0	**Yes**	ND	ND	**11-12'**
12 – 16' (100%)	Light brown to gray, M-C SAND	Wet	**0.5**	ND	**Yes**	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 24'

Field Evidence of Contamination

@ 16-20' - Chemical odor

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-13 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Light brown to gray, M-C SAND 16-20' - Chemical odor and black staining.	Wet	**0.5**	ND	**Yes**	ND	**16.5'** **19-20'**
20 – 24' (0%)	No recovery ****** End of Boring at 24' *****	Wet	**0.2**	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 24'

Field Evidence of Contamination

@ 16-20' - Chemical odor

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-14 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Medium brown, M SAND, gravel, rock and brick fragments, and coal (Fill)	Dry	**0.2**	ND	ND	ND	
4 – 8' (75%)	Medium brown, M SAND, gravel, rock and brick fragments, and coal (Fill)	Dry	**0.2**	ND	ND	ND	
8 – 12' (75%)	Black and brown, M-C SAND, rock fragments (Fill) 8-12' - Chemical odor ****** Saturated at 11.5' *****	Moist	**1.6**	**Yes**	ND	ND	
12 – 16' (100%)	Black to light brown, C SAND	Wet	**0.5**	**Yes**	ND	ND	**11-12'** **13'**

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

@ 8 - 16' - Chemical odor

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-14 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (75%)	Light brown, M SAND overlaying PEAT ****** End of Boring at 20' *****	Wet	**0.5**	ND	ND	ND	**19'**

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 20'

Field Evidence of Contamination

@ 8 - 16' - Chemical odor

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-15 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown to black and orange, M-C SAND, rock, masonry, and brick fragments (Fill)	Dry	0.1	ND	ND	ND	
4 – 8' (75%)	Brown to black and orange, M-C SAND, rock, masonry, and brick fragments (Fill)	Dry	0.1	ND	ND	ND	
8 – 12' (75%)	Black and brown, M-C SAND, rock fragments (Fill) ****** Saturated at 10' *****	Moist	0.0	ND	ND	ND	**10-11'**
12 – 16' (75%)	Black to light brown, M-C SAND 12-13' – Mild odors	Wet	0.0	**Yes**	ND	ND	**12-13'**

Notes

Fill Materials

Surface to 13'

Saturated Soils

12 - 20'

Field Evidence of Contamination

@ 12-13' – Mild odors

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-15 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Light brown, M-C SAND overlaying PEAT and light brown F SAND and CLAY ****** End of Boring at 20' *****	Wet	0.0	ND	ND	ND	**19-20'**

Notes

Fill Materials

Surface to 13'

Saturated Soils

12 - 20'

Field Evidence of Contamination

@ 12-13' – Mild odors

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-16 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (50%)	Brown to black, SAND, rock fragments (Fill) ****** End of Boring at 2' - REFUSAL *****	Dry	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 2'

Saturated Soils

None

Field Evidence of Contamination

No obvious contamination observed

OTHER

Seven total attempts to extend boring, with other refusals at 2' and 7'.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-17 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown to black and orange, M-C SAND, rock and wood fragments (Fill)	Dry	**0.1**	**Yes**	ND	ND	
4 – 8' (50%)	Brown to black and orange, M-C SAND, rock and wood fragments (Fill) 4-8' – Slight odor ****** Saturated at 7' *****	Dry	**0.1**	**Yes**	ND	ND	**6-7'**
8 – 12' (100%)	Black to gray an light brown M-C SAND, gravel fragments (Fill)	Moist	0.0	ND	ND	ND	
12 – 16' (75%)	Brown and gray, M-C SAND overlaying PEAT 12-16' – Slight odor	Wet	0.0	**Yes**	ND	ND	**15'**

Notes

Fill Materials

Surface to 9'

Saturated Soils

8 - 20'

Field Evidence of Contamination

@ 4 - 8' and 12 - 16' – Slight odors.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-17 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Light brown and gray to red, F SAND ****** End of Boring at 20' *****	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 9'

Saturated Soils

8 - 20'

Field Evidence of Contamination

@ 4 - 8' and 12 - 16' – Slight odors.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-18 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (100%)	Brown, M-C SAND, brick and masonry fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (100%)	Brown, M-C SAND, brick and masonry fragments (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (100%)	Brown, M-C SAND, brick and masonry fragments (Fill) ****** Saturated at 11' *****	Moist	0.0	ND	ND	ND	**11-12'**
12 – 16' (75%)	Brown, M-C SAND, brick and masonry fragments overlaying wood 13.5 - 16' – Black staining, heavy petroleum and chemical odor	Wet	**500**	**Yes**	**Yes**	ND	**15-16'**

Notes

Fill Materials

Surface to 13'

Saturated Soils

12 - 20'

Field Evidence of Contamination

@ 13.5 - 16' – Black staining, heavy petroleum and chemical odor, PID = 550 ppm
@ 18' PID = 220 ppm

OTHER

Two total attempts to extend boring, with initial refusal at 8'.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

2SB-18 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-27 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: T. Goodnough WEATHER: Sunny, light breeze, 55-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (50%)	Brown, M-C SAND overlaying PEAT ****** End of Boring at 18' - REFUSAL*****	Wet	**220**	**Yes**	ND	ND	

Notes

Fill Materials

Surface to 13'

Saturated Soils

12 - 20'

Field Evidence of Contamination

@ 13.5 - 16' – Black staining, heavy petroleum and chemical odor, PID = 550 ppm
@ 18' PID = 220 ppm

OTHER

Two total attempts to extend boring, with initial refusal at 8'.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-1 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-09-25 DRILLER (RIG) Enviroprobe (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Raining, light breeze, low-70s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (100%)	Brown, F SAND, brick fragments (Fill)	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (100%)	Brown to black, F SAND, moist, brick at 6.5' (Fill) , ****** Saturated at 10' *****	Moist	0.0	ND	ND	ND	
10 – 15' (100%)	Brown, medium SAND ****** End of Boring at 15' *****	Wet	0.0	ND	ND	ND	**(11-13')**

Notes

Fill Materials

Surface to 6.5'

Saturated Soils

10 - 15'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Installed monitoring well (1")

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-2 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-09-25 DRILLER (RIG) Enviroprobe (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Raining, light breeze, low-70s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (100%)	Brown, F SAND, concrete fragments (Fill)	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (100%)	Grayish-Brown, M SAND (Fill) Saturated and petroleum odor at 10' ****** Saturated at 10' *****	Moist	**82**	**Yes**	ND	ND	
10 – 15' (100%)	Brown, M SAND overlying Black F SAND with weathered rock ****** End of Boring at 15' *****	Wet	**195**	**Yes**	**Yes**	ND	**(11-13')**

Notes

Fill Materials

Surface to 10'

Saturated Soils

10 - 15'

Field Evidence of Contamination

@10' - PID reading 82 ppm

@ 14.5' - PID reading 195 ppm, tar-like odor, staining

OTHER

Installed monitoring well (1")

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-3 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-09-25 DRILLER (RIG) Enviroprobe (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Raining, light breeze, low-70s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (100%)	Brown, F SAND, brick fragments (Fill)	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (100%)	Brown, F-C SAND, moist, brick and concrete fragments throughout (Fill) '	Moist	2.1	ND	ND	ND	
10 – 15' (100%)	Brown, medium SAND with rock fragments ****** Saturated at 11' ***** ****** End of Boring at 15' *****	Wet	2.3	ND	ND	ND	**(11-13')**

Notes

Fill Materials

Surface to 10'

Saturated Soils

11 - 15'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Installed monitoring well (1")

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-4 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-10-10 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast, breezy, low-60s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (100%)	Brown, F SAND, brick and concrete fragments (Fill) Concrete and brick	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (80%)	Brown, F SAND, brick and concrete fragments (Fill), 0.5' Brown SILT at base , ****** End of Boring at 9' - REFUSAL *****	Dry	0.0	ND	ND	ND	**(7-9')**

Notes

Fill Materials

Surface to 9', refusal at 9' – likely concrete (bent macro-core barrel)

Saturated Soils

Not encountered

Field Evidence of Contamination

No obvious contamination observed

OTHER

Stepped out 2', pre-drilled with star bit and installed monitoring well (2")

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-4R (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 65-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-M SAND, rock and gravel (Fill)	Dry	**0.2**	ND	ND	ND	
8 – 12' (50%)	Brown, F-M SAND, rock and gravel (Fill)	Dry	**0.2**	ND	ND	ND	
8 – 12' (50%)	Brown to light brown, F-M SAND, rock and gravel (Fill) ****** Saturated at 11' *****	Moist	0.0	ND	ND	ND	**11-12'**
12 – 16' (50%)	Brown to light brown, F-M SAND overlaying light brown clayey SAND Strong chemical odor.	Wet	**1,175**	**Yes**	ND	ND	**15-16'**

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 18'

Field Evidence of Contamination

@ 12-18' = Strong chemical odor, @ 17' – PID = 1175 ppm, @ 16' – PID = 463 ppm, @ 17' – PID = 320, @ 18' – PID = 40 ppm

OTHER

Two attempts to extend boring, with initial refusal at 8'. Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-4R (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 65-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (50%)	Black PEAT Strong chemical odor ****** End of Boring at 18' - REFUSAL *****	Wet	**320**	**Yes**	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 18'

Field Evidence of Contamination

@ 12-18' = Strong chemical odor, @ 17' – PID = 1175 ppm, @ 16' – PID = 463 ppm, @ 17' – PID = 320, @ 18' – PID = 40 ppm

OTHER

Two attempts to extend boring, with initial refusal at 8'. Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-5 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-10-10 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast, breezy, low-60s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (70%)	Brown, M SAND, brick and concrete fragments (Fill)	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (20%)	Brown, M SAND (Fill) ,	Dry	0.0	ND	ND	ND	
10 – 15' (50%)	Brown, medium SAND, some Black Clay ****** Saturated at 11' ***** ****** End of Boring at 15' *****	Wet	0.0	ND	ND	ND	**(13-15')**

Notes

Fill Materials

Surface to 10'

Saturated Soils

10 - 15'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Installed monitoring well (2")

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-5R-A (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 65-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-C SAND, rock and gravel (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (50%)	Brown, F-C SAND, rock and gravel (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (75%)	Brown to light brown, F-M SAND, rock and gravel fragments overlaying black silty SAND (Fill) ****** Saturated at 11' ***** ****** End of Boring at 12' - REFUSAL *****	Wet	0.0	ND	ND	ND	**11-12'**

Notes

Fill Materials

Surface to 12'

Saturated Soils

12'

Field Evidence of Contamination

No obvious contamination observed

OTHER

No monitoring well installation at this location due to refusal.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-5R (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 65-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Brown, F-C SAND, rock and gravel (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (55%)	Brown, F-C SAND, rock and gravel (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (75%)	Brown to light brown, F-M SAND, rock and gravel fragments overlaying black silty SAND (Fill) ****** Saturated at 11' *****	Wet	0.0	ND	ND	ND	
12 – 16' (100%)	Light brown, F-M SAND overlaying silty clayey F SAND, gravel fragments	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 28'

Field Evidence of Contamination

@ 16-20' – Mild petroleum odors, @ 20-24'- Gray staining and chemical odor, @ 24-28'- Chemical odor

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-5R (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 65-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (50%)	Dark brown, C SAND overlaying sub-angular GRAVEL Mild petroleum odor	Wet	**0.0**	**Yes**	ND	ND	
20 – 24' (25%)	Sub-angular GRAVEL overlaying dark PEAT Gray staining inside peat and chemical odor noted.	Wet	0.0	**Yes**	**Yes**	ND	**23-24'**
24 – 28' (100%)	Dark PEAT overlaying gray silty CLAY and F SAND (Native) Chemical odor in peat. ****** End of Boring at 28' *****	Wet	**1.6**	Yes	ND	ND	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 28'

Field Evidence of Contamination

@ 16-20' – Mild petroleum odors, @ 20-24'- Gray staining and chemical odor
@ 24-28'- Chemical odor

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-6 (SHEET 1 OF 1)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYSDEC BCP Site: C241172	ESI FILE GC14076.20
	DATE: 2014-10-10 DRILLER (RIG) Zebra (6620DT Geoprobe, 5' macro-core)	
	ESI STAFF: A. Atkinson WEATHER: Overcast, breezy, low-60s F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (4") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 5' (60%)	Brown, M SAND, gravelly, concrete fragments (Fill)	Dry	0.0	ND	ND	ND	**(0-2')**
5 – 10' (100%)	Brown to black, F-M SAND (Fill) , ****** Saturated at 10' *****	Moist	0.0	ND	ND	ND	
10 – 15' (100%)	Brown, F SAND, Gravelly, some brick (~13', Fill), bottom layer of F Clay ****** End of Boring at 15' *****	Wet	0.0	ND	ND	ND	**(13-15')**

Notes

Fill Materials

Surface to 13'

Saturated Soils

10 - 15'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Installed monitoring well (2")

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-6R (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-22 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: S. Spitzer WEATHER: Sunny, light breeze, 60-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (50%)	Medium brown, variable texture SAND with gravel and rocks (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill)	Dry	0.0	ND	ND	ND	**11-12'**
8 – 12' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill) ****** Saturated at 10' *****	Dry	0.0	ND	ND	ND	
12 – 16' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill) overlying brown, silty SAND	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 13'

Saturated Soils

10 - 24'

Field Evidence of Contamination

@ 16-24' – chemical odor, PID = 7 – 612 ppm

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-6R (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-22 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: S. Spitzer WEATHER: Sunny, light breeze, 60-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Brown/black, C SAND with gravel overlying black PEAT	Wet	**612**	**Yes**	**Yes**	ND	**17-18'**
20 – 24' (100%)	Black, PEAT overlying F sandy SILT ****** End of Boring at 24' *****	Wet	**7**	**Yes**	ND	ND	

Notes

Fill Materials

Surface to 13'

Saturated Soils

10 - 24'

Field Evidence of Contamination

@ 16-24' – chemical odor, PID = 7 – 612 ppm

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-7 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-22 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: S. Spitzer WEATHER: Sunny, light breeze, 60-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (50%)	Medium brown, variable texture SAND with gravel and rocks (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill) ****** Saturated at 10' *****	Dry	0.0	ND	ND	ND	**10-12'**
12 – 16' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill) overlying brown, silty SAND	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 13'

Saturated Soils

10 - 24'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-7 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-22 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: S. Spitzer WEATHER: Sunny, light breeze, 60-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Brown/black, C SAND with gravel overlying black PEAT	Wet	0.0	ND	ND	ND	
20 – 24' (100%)	Black, PEAT overlying F sandy SILT ****** End of Boring at 24' *****	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 13'

Saturated Soils

10 - 24'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-8 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-22 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: S. Spitzer WEATHER: Sunny, light breeze, 60-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill) ****** Saturated at 10' *****	Dry	0.0	ND	ND	ND	
4 – 8' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill)	Wet	0.0	ND	ND	ND	
8 – 12' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill)	Wet	0.0	ND	ND	ND	**10-12'**
12 – 16' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill) overlying brown, silty SAND	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 13'

Saturated Soils

10 - 24'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-8 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-22 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: S. Spitzer WEATHER: Sunny, light breeze, 60-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (100%)	Brown/black, C SAND with gravel overlying black PEAT ****** End of Boring at 20' *****	Wet	0.0	ND	ND	ND	

Notes

Fill Materials

Surface to 13'

Saturated Soils

10 - 24'

Field Evidence of Contamination

No obvious contamination observed

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-9 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 60-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (50%)	Medium brown, variable texture SAND with gravel and rocks (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (75%)	Medium brown, variable texture SAND with gravel and rocks (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (80%)	Light brown, silty F SAND with gravel (Fill) ****** Saturated at 11' *****	Wet	**5.7**	ND	ND	ND	**11-12'**
12 – 16' (75%)	Light brown, silty F SAND with gravel overlying brown/green, M SAND with gravel Gray/black stained, M SAND with brick	Wet Wet	0.0 0.0	ND ND	ND **Yes**	ND ND	 **15-16'**

Notes

Fill Materials

Surface to 12'

Saturated Soils

10 - 24'

Field Evidence of Contamination

@ 12-16' – staining, @ 16-24' – mild chemical odor

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-9 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-23 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 60-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
20 – 24' (50%)	Variable color, variable texture SAND overlying clayey PEAT with chemical odor	Wet	0.0	**Yes**	ND	ND	
16 – 24' (75%)	Variable color, variable texture SAND overlying clayey PEAT with chemical odor ****** End of Boring at 24' *****	Wet	0.0	**Yes**	ND	ND	
	****** End of Boring at 24' *****						

Notes

Fill Materials

Surface to 12'

Saturated Soils

10 - 24'

Field Evidence of Contamination

@ 12-16' – staining, @ 16-24' – mild chemical odor

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-10 (SHEET 1 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
	DATE: 2015-10-26 DRILLER (RIG) Haz-Probe Inc.(Geoprobe Model 5410)	
	ESI STAFF: R. Andújar WEATHER: Sunny, light breeze, 60-70 F	

BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
0 – 4' (80%)	Brown, F-C SAND, gravel and rocks fragments (Fill)	Dry	0.0	ND	ND	ND	
4 – 8' (75%)	Brown, F-C SAND, gravel and rocks fragments (Fill)	Dry	0.0	ND	ND	ND	
8 – 12' (50%)	Brown, F-C SAND, gravel and rocks fragments (Fill) ****** Saturated at 11' *****	Dry	0.0	ND	ND	ND	**11-12'**
12 – 16' (100%)	Medium brown, C SAND with gravel overlying black, C SAND with sub-angular gravel @ 15-16'- Sheen and odor noted.	Wet	0.0	**Yes**	ND	**Yes**	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 24'

Field Evidence of Contamination

@ 12-24' – Sheen and odors.

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

Soil Boring Log

Ecosystems Strategies, Inc.

MW-10 (SHEET 2 OF 2)	Remedial Investigation Report 45-35 11th Street and 11-22 45th Road, Queens, New York NYC BCP Site ID: C241172	ESI FILE GQ14076.52
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BORING INTERVAL (RECOVERY)	SURFACE MATERIAL: CONCRETE BUILDING SLAB (6") SOIL / MATERIAL DESCRIPTION	MOISTURE	PID (PPM)	ODORS	STAINING	NAPL	SAMPLES COLLECTED
16 – 20' (50%)	Black, C SAND with gravel Moderate petroleum odors. Sheen on water.	Wet	**0.2**	**Yes**	ND	**Yes**	**16-20'**
20 – 24' (100%)	Black, C SAND with gravel overlying dark brown, PEAT Chemical odor and sheen on water. ****** End of Boring at 24' - REFUSAL*****	Wet	**1.4**	**Yes**	ND	**Yes**	

Notes

Fill Materials

Surface to 12'

Saturated Soils

12 - 24'

Field Evidence of Contamination

@ 12-24' – Sheen and odors.

OTHER

Boring completed as monitoring well.

ND (non-detect) **PID** (photoionization detector) **ppm** (parts per million) **NAPL** (non-aqueous phase liquid)
F (fine) **M** (medium) **C** (coarse) **P** (plastic) **LP** (low plastic) **NP** (non-plastic)

B-1

(EL. 13.68') GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
1	1	5 5 8 10	10"	DK. BRN./ BRN. SILTY SAND, TR. GRAVEL, ROCK FRAG. (SM)(FILL)(7)
2	2	8 10 7	19"	BRN. W/ GRAY SILTY SAND, TR. GRAVEL (SM)(FILL)(7)
5	3	4 4 3 7	7"	DK. BRN. SAND, SILT, GRAVEL, ROCK FRAG., COBBLE, BOULDER, MISC. (FILL)(7)
	4	1 P 1	2"	
10	5	2 3 5	4"	DK. GRAY/ DK. BRN. SAND, SILT, GRAVEL, CLAY, ROCK FRAG., COBBLE, BOULDER, MISC. (FILL)(7)
15	6	2 3 3	12"	
20	7	P 1 1	15"	DK. BRN. PEAT (PI)(6)
25	8	P 2 3	17"	GRAY BRN. W/ BRN. SILTY SAND, TR. GRAVEL, CLAY, THIN GRAY BRN. SILTY CLAYEY SSAND LENSES (SM)(6)
30	9	3 10 16	14"	BRN. SILT, TR. CLAY (ML)(5b)
				BRN. SILTY SAND, TR. GRAVEL (SM)(3a)

AUGER REFUSAL @ 33' - 0"

G.W.T. 9'-1"

B-2

(EL. 14.42') GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
1	1	5 6 8	14"	BLACKTOP 1 1/2" DK. GRAY BRN./ BRN. SAND, SILT, GRAVEL, CINDER, BRICK, MISC. (FILL)(7)
2	2	8 10 8	8"	
5	3	4 6 16	4"	BRN. SILTY SAND, TR. GRAVEL, ROCK FRAG. (SM)(FILL)(7)
10	4	P P 5	20"	BRN. SAND, TR. GRAVEL, LITTLE SILT (SP-SM)(FILL)(7)
15	5	P P P	21"	GRAY/ GRAY BRN. SAND, TR. GRAVEL, LITTLE SILT (SP-SM)(FILL)(7)
20	6	P 8 4	21"	DK. GRAY/ DK. GRAY BRN. SILTY SAND, TR. CLAY, THIN FINE ROOTS (SM)(FILL)(7)
				GRAY ORG. SILTY CLAY W/ PEAT, TR. ROCK FRAG. (OL-Pt)(6)
25	7	100/2" - -	14"	CORED 18" (BOULDER)
	8	5 5 5	12"	GRAY BRN. SILT, TR. CLAY, SAND (ML)(5b)
30	9	4 6 5	16"	BRN. SILTY SAND, TR. GRAVEL (SM)(3b)
35	CORE RUN			5' CORE RUN (SCHIST) (53% RECOVERY) (1a)

END OF BORING 38' - 0"

G.W.T. 8'-0"

B-1 & B-2 VERTICAL SCALE: 1/4" = 1'-0"±

B-3A

(EL. 13.5'±) SIDEWALK GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
				CONCRETE 6"
1				DARK BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (HAND AUGERED)
5	1	1 1 1	6"	BRN. SILTY SAND (SM) (FILL) (7)
10	2	1 WOH WOH	7"	BRN. SAND, TR. GRAVEL, SILT (SP) (FILL) (7)
		WOH		
15	3	1 WOH WOH	6"	BRN.-GRAY BRN. SAND, LITTLE SILT (SP-SM) (FILL) (7)
		1		
20	4	1 1 3	17"	GRAY FINE SANDY SILTY CLAY, TR. THIN FINE SANDY SILT LENSES (CL) (4c)
		3		
25	5	5 8 12	13"	BRN. SILTY SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (3b)
		14		
	6	100/0"		

REFUSAL 29'-4"

G.W.T. 10'-0"

B-4A

(EL. 13.0'±) SIDEWALK GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
				CONCRETE 6"
1				DARK BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (HAND AUGERED)
				DARK BRN.-BRN. SILTY SAND, TR. GRAVEL, CONCRETE (SM) (FILL) (HAND AUGERED)
5	1	1 2 3 4	10"	CINDER, DARK GRAY BRN. SAND, SILT (FILL) (7)
10	2	1 1 1	7"	BRN. SAND, TR. GRAVEL, LITTLE SILT (SP-SM) (FILL) (7)
15	3	1 1 1	17"	GRAY BRN. SAND, TR. GRAVEL, LITTLE SILT (SP-SM) (FILL) (7)
20	4	4 4 6 11	19"	GRAY BRN. FINE SANDY SILT, TR. CLAY (ML) (5b)
25	5	100/3" - -	2"	BRN. WITH GRAY SILTY SAND & DECOMPOSED ROCK (SM) (3a)

REFUSAL 25'-9"

G.W.T. 10'-0"

B-5A

(EL. 12.0'±) SIDEWALK GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
				CONCRETE 8"
1				DARK BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (HAND AUGERED)
5	1	1 1 3	3"	DARK BRN.-BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (7)
10	2	2 2 2 2	14"	BRN.-GRAY BRN. SILTY SAND, TR. GRAVEL WITH BRN.-GRAY BRN. SANDY CLAYEY SILT (SM-ML) (FILL) (7)
15	3	1 1 2 3	20"	DARK BRN. PEAT (PT) (6)
20	4	3 2 2 2	19"	GRAY SILT WITH GRAY FINE SANDY SILT, TR. VERY THIN GRAY CLAY, TR. THIN FINE ROOT LENSE (ML) (6)
25	5	9 10 18	18"	BRN. SILTY SAND, TR. GRAVEL, LITTLE ROCK FRAGMENTS (SM) (3b)
	6	10 16 20 38	17"	BRN. SILTY SAND, TR. ROCK FRAGMENTS, DECOMPOSED ROCK (SM) (3a)
	7	100/0"		

REFUSAL 29'-4"

G.W.T. 9'-2"

B-6A

(EL. 12.0'±) SIDEWALK GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
				CONCRETE 6"
1				DARK GRAY-BLACK SILTY SAND, TR. GRAVEL (SM) (FILL) (HAND AUGERED)
5	1	2 1 2 2	12"	DARK GRAY-BLACK SILTY SAND, TR. GRAVEL, CINDER (SM) (FILL) (HAND AUGERED)
10	2	1 1 13 14	11"	GRAY BRN.-BRN. SILTY SAND, CLAYEY SAND, TR. GRAVEL, ROCK FRAGMENTS (SC) (FILL) (7)
15	3	2 2 3 2	13"	GRAY BRN.-BRN. SILTY CLAYEY SAND, TR. GRAVEL, ROCK FRAGEMENTS (SC) (FILL) (7)
20	4	WOH 1 3 4	19"	DARK GRAY ORGANIC CLAY WITH PEAT (OH-PT) (6)
				GRAY FINE SANDY SILT (ML) (5b)
25	5	5 6 7 9	16"	BRN. SILTY SAND, TR. GRAVEL (SM) (3b)
30	6	11 18 46 30	14"	BRN. SILT, TR. FINE SAND (ML) (5a)
35		11 15 15 16	14"	BRN. SILTY SAND, TR. GRAVEL (SM) (3a)
40	8	100/0" - -	14"	

REFUSAL 40'-0"

G.W.T. 9'-4"

B-7A

(EL.13.0'±) SIDEWALK GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
				CONCRETE 6"
1				DARK BRN.-BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (HAND AUGERED)
				BRN. SILTY SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (FILL) (HAND AUGERED)
5	1	3 3 2 2	12"	BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (7)
10	2	2 1 1 1	13"	BRN. SILTY SAND, TR. GRAVEL, CLAY (SM) (FILL) (7)
15	3	1 2 1 1	13"	GRAY BRN. SANDY SILT, TR. GRAVEL, CLAY (ML) (FILL) (7)
20	A	1 1		DARK BRN. PEAT (PT) (6)
	4	2	23"	
	B	2 3		GRAY CLAY (CL) (4b)
25	5	5 6 8 9	17"	BRN. SILTY SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (3b)
30	6	8 9 18 14	22"	BRN. SILT, TR. FINE SAND, ROCK FRAGMENTS (ML) (5a)

REFUSAL 34'-0"

G.W.T. 9'-8"

B-8A

(EL. 13.4'±) SIDEWALK GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
				CONCRETE 6"
1				DARK BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (HAND AUGERED)
				BRN.-DARK BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (HAND AUGERED)
5	1	1 1 1	17"	BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (7)
10	2	4 1 1	15"	BRN.-GRAY BRN. SILTY SAND, TR. GRAVEL, CLAY (SM) (FILL) (7)
15	3	1 1 1	13"	GRAY BRN.-DARK GRAY SILTY SAND, TR. GRAVEL (SM) (FILL) (7)
20	A	1		DARK BRN. PEAT (PT) (6)
	4	2	23"	
	B	2 3		GRAY SILTY CLAY, TR. ROOTS, FINE SAND (CL) (4c)
25	5	3 4 4 5	20"	BRN. SILTY FINE SAND (SM) (3b)
30	6	7 14 11 13	17"	BRN. SILTY SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (3a)

REFUSAL 34'-10"

G.W.T. 10'-0"

G.W.T. 10'-2"

UNIFIED SOIL CLASSIFICATION

SOIL GROUPS	TYPICAL NAMES AND SOIL SYMBOLS
1a THRU 1d	BED ROCK
GW	WELL GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GP	POORLY GRADED GRAVELS OR GRAVEL SAND MIXTURES. LITTLE OR NO FINES
GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURE
GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURE
SW	WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
SM	SILTY SANDS, SAND - SILT MIXTURES
SC	CLAYEY SANDS, SAND - CLAY MIXTURES
ML	INORGANIC SILTS, VERY FINE SANDS, CLAYEY SILTS, SLIGHT PLASTICITY
CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS SANDY CLAYS, SILTY CLAYS
OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS

ALLOWABLE SOIL BEARING PRESSURES, N.Y.C. BLDG. CODE TABLE 1804.1

CLASS OF MATERIALS (Notes 1 and 3) ★	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (TSF)	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (kPa)
1. BEDROCK (NOTES 2 and 7) ★		
1a HARD SOUND ROCK - GNEISS, DIABASE, SCHIST	60	5,746
1b MEDIUM HARD ROCK - MARBLE, SERPENTINE	40	3,830
1c INTERMEDIATE ROCK - SHALE, SANDSTONE	20	1,915
1d SOFT ROCK - WEATHERED ROCK	8	766
2. SANDY GRAVEL and GRAVEL (GW, GP) (NOTES 3, 4, 8, and 9) ★		
2a DENSE	10	958
2b MEDIUM	6	575
3. GRANULAR SOILS (GC, GM, SW, SP, SM, & SC)(NOTES 4, 5, 8, and 9) ★		
3a DENSE	6	575
3b MEDIUM	3	287
4. CLAYS (SC, CL, & CH)(NOTES 4, 6, 8, and 9)★		
4a HARD	5	479
4b STIFF	3	287
4c MEDIUM	2	192
5. SILTS & SILTY SOILS (ML and MH) (NOTES 4, 8, and 9) ★		
5a DENSE	3	287
5b MEDIUM	1.5	144
6. ORGANIC SILTS, ORGANIC CLAYS, PEATS, SOFT CLAYS, LOOSE GRANULAR SOILS and VARVED SILTS	SEE 1804.2.1 ★	SEE 1804.2.1 ★
7. CONTROLLED and UNCONTROLLED FILLS	SEE 1804.2.2 OR 1804.2.3 ★	SEE 1804.2.2 OR 1804.2.3 ★

★REFER TO SECTION 1804.2 OR NOTES FOLLOWING TABLE 1804.1 IN THE N.Y.C. BLDG. CODE FOR ADDITIONAL INFORMATION

COMPACTION RELATED TO SPOON BLOWS/FOOT

SAND & SILT		CLAY	
LOOSE	LESS THAN 10	SOFT	LESS THAN 4
MEDIUM	10 TO 30	MEDIUM	4 TO 8
DENSE	GREATER THAN 31	STIFF	GREATER THAN 8 TO 30
		HARD	GREATER THAN 30

"N" STANDARD PENETRATION TEST-ASTM 1586 (2" SPOON, 140lb. HAMMER, 30" FALL)

N=17 BLOWS PER FOOT

SPOON BLOW COUNT IS GENERALLY SHOWN IN 6" INCREMENTS FOR ZORVE TO OBTAIN BLOWS PER FOOT(N) USE 2ND & 3RD 6" INCREMENT

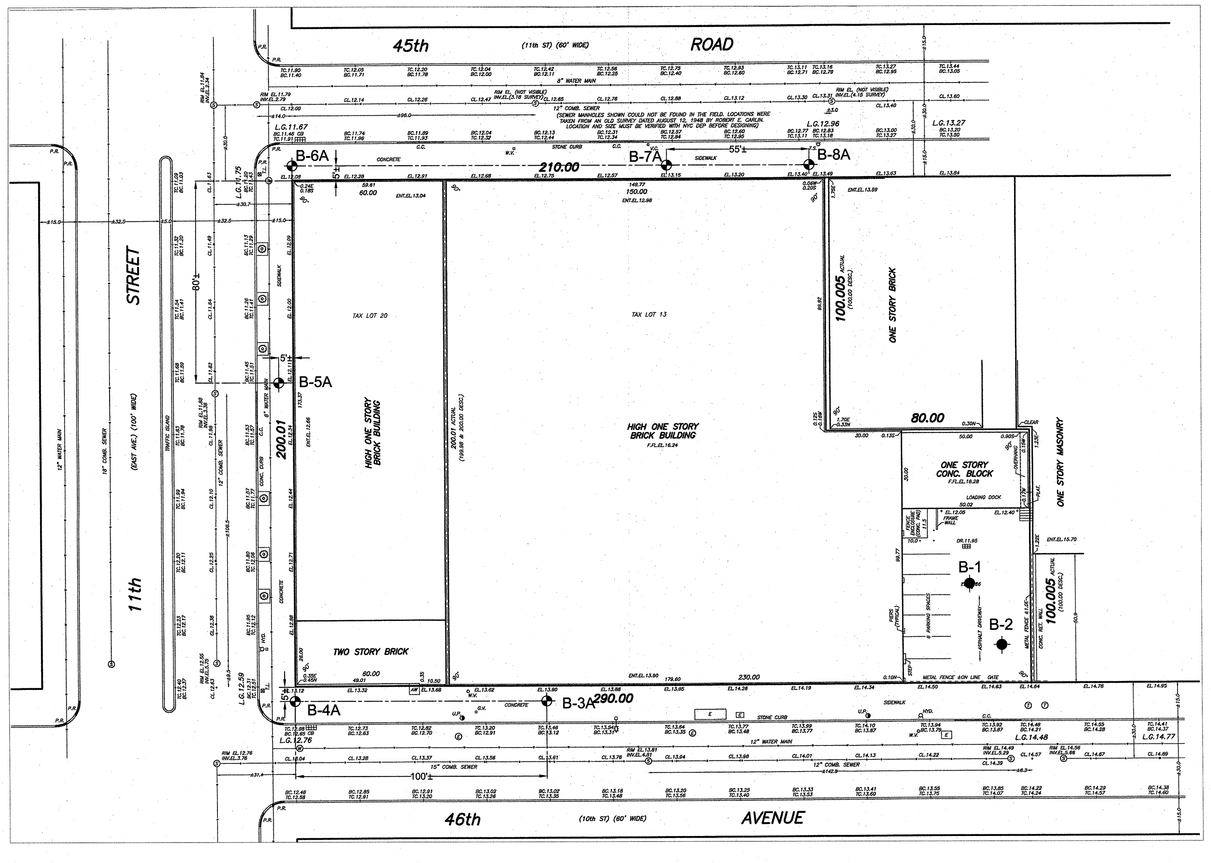
	ROTARY CASING	X-HEAVY CASING	SPOON
SIZE, INCHES	2.5		2.0
HAMMER WEIGHT, LBS.	——		140
HAMMER FALL, INCHES	——		30

CB - CASING BLOWS PER 1 FOOT DRIVE
SB - SPOON BLOWS PER 6 INCH DRIVE
P - PUSHED BY WEIGHT OF HAMMER
WOR - WEIGHT OF ROD

UD - UNDISTURBED SOIL SAMPLE
NO - SAMPLE NUMBER
FEET - DEPTH FROM GND.SUR. NOTED AT EACH 5'
WOH - WEIGHT OF HAMMER
REC - SOIL RECOVERY IN INCHES

NOTES

1. SOIL DESCRIPTIONS ARE BY VISUAL EXAMINATION OF SOIL SAMPLES RECOVERED DURING DRILLING OPERATIONS.
2. SOIL DESCRIPTIONS ARE IN ACCORD WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM.
3. GROUND WATER TABLE WAS MEASURED INSIDE THE DRILL CASING AT THE COMPLETION OF EACH BOREHOLE.
4. SOIL STRATIFICATIONS ARE ACCURATE TO WITHIN TWO FEET VERTICALLY.
5. SOIL SAMPLES WERE OBTAINED USING A CENTRAL MINE EQUIPMENT (CME) AUTOMATIC TRIP HAMMER.
6. SOIL TEST BORING GROUND SURFACE ELEVATIONS SHOWN ARE REFERENCED TO TOPOGRAPHIC SURVEY PROVIDED BY CLIENT.
7. SOIL TEST BORINGS DRILLED IN ACCORD WITH THE NEW YORK CITY BUILDING CODE
8. ✦ SOIL TEST BORINGS PREVIOUSLY DRILLED.



Z: 15LDWGS 15L014.6

PROJECT:
11st. St., 45th. Rd. & 46th. AVE.
LONG ISLAND CITY, NEW YORK

SOIL MECHANICS DRILLING CORP.
subsoil investigations
3770 MERRICK ROAD * SEAFORD, NEW YORK 11783 * 516 221 - 2333

SUBSURFACE INVESTIGATION
11th. St., 45th. Rd. & 46th. St.
LONG ISLAND CITY, NEW YORK

BORING PLAN
(Subsurface Investigation)

SEAL & SIGNATURE:

VERTICAL BORING SCALE:	1/2" = 1'-0" ±
DATES OF BORINGS:	FEB. 11 & 12, 2015
DRAWING DATE:	FEBRUARY 18, 2015
DRAWN BY:	NAR
CHECKED BY:	CV
REVISED DATE:	
DRAWING NUMBER	15L014.A6
SHEET	1 OF 1

DATE: FEB. 18, 2015
PROJECT No.: 15L014.A6
DRAWING BY: NAR
CHECKED BY: CV
DRG.No

B-001.00

CAD FILE No: Z: 15L014.A6

B-9B

(EL. 15.8'±) GROUND SURFACE

1	5/5/6/8	15"	CONCRETE 7" / BRN. SAND, TR. GRAVEL, ROCK FRAGMENTS, LITTLE SILT (SP-SM) (FILL) (7)
5	7/10/11/7	18"	BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (7)
10	1/1/1/1	13"	BRN. WITH GRAY SANDY CLAYEY SILT, TR. ROCK FRAGMENTS, CINDER (ML) (FILL) (7)
15	2/3/4/4	18"	CINDER, ASH, DARK GRAY-GRAY SAND, SILT (FILL) (7)
20	A 3/5 B 2/2	23"	DARK BRN. PEAT (PT) (6)
25	3/4/5/5	23"	BRN. FINE SANDY SILT, TR. THIN BRN. SILTY CLAY LENSES (ML) (5b)
30	5/7/8/10	23"	BRN.-GRAY BRN. SILT, ROCK FRAGMENTS, SAND (ML) (5b)
35	8 18/22/100/3"	12"	BRN. SILTY SAND, TR. ROCK FRAGMENTS (SM) (3a)

AUGER REFUSAL 36'-6"

G.W.T. 12'-5"

FEET	NO	SB	REC	CLASSIFICATION

B-10B

(EL. 15.7'±) GROUND SURFACE

1	1/2/2	18"	CONCRETE 6" / BRN. FINE MEDIUM SAND, TR. GRAVEL, SILT (SP) (FILL) (7)
5	1/2/4/18	6"	
5			BRN. SAND, SILT, GRAVEL, ROCK FRAGMENTS, COBBLE (FILL) (7)
10	1/3/100/-	2"	
15	1/4/3/4	13"	DARK GRAY SAND, SILT, ROCK FRAGMENTS, CINDER, ASH, MISC. (FILL) (7)
20	1/2/2/3	23"	DARK BRN. PEAT (PT) (6)
25	10/8/7/6	15"	BRN. FINE SANDY SILTY CLAY (CL) (4b)
	100/3"	1"	DECOMPOSED ROCK (1d)

AUGER REFUSAL 27'-9"

G.W.T. 12'-2"

FEET	NO	SB	REC	CLASSIFICATION

B-11B

(EL. 14.2'±) GROUND SURFACE

1	2/3/3	10"	CONCRETE 6" / DARK BRN. SILTY SAND, TR. GRAVEL, BRICK, GLASS (SM) (FILL) (7)
5	4/4/6/4	16"	BRN. SILTY SAND, TR. GRAVEL, BRICK (SM) (FILL) (7)
10	4/5/5/6	14"	GRAY BRN. SANDY CLAYEY SILT, TR. ROCK FRAGMENTS (ML) (FILL) (7)
15			GRAY BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (7)
20	A 3/3 B 3/3	17"	DARK BRN. PEAT (PT) (6)
25	A 3/3 B 3/3	22"	GRAY CLAYEY SILT, TR. FINE SAND (ML) (6)
	A 3/3 B 2/3	18"	DARK GRAY BRN. FINE SANDY CLAYEY SILT (ML) (6)
			BRN. FINE SANDY SILTY CLAY (CL) (4c)
30	8/18/54/29	22"	BRN. SILTY SAND, TR. GRAVEL, ROCK FRAGMENTS (SM) (3a)
35	8 100/1"	1"	DECOMPOSED ROCK (1d)

AUGER REFUSAL 36'-6"

G.W.T. 12'-5"

FEET	NO	SB	REC	CLASSIFICATION

B-12B

(EL. 14.4'±) GROUND SURFACE

1	3/5/5	16"	CONCRETE 6" / DARK BRN. SILTY SAND, TR. GRAVEL, BRICK, CINDER (SM) (FILL) (7)
5	3/4/3/2	10"	BRN.-DARK BRN. SILTY SAND, TR. GRAVEL, ASPHALT (SM) (FILL) (7)
10	4/3/4/4	12"	ASPHALT, CINDER, CONCRETE, DARK GRAY SAND, SILT, GRAVEL, MISC. (FILL) (7)
15	A 2/3 B 3/3	22"	BRN. SANDY CLAYEY SILT, TR. GRAVEL (ML) (FILL) (7)
20	1/2/4/10	20"	DARK BRN. PEAT (PT) (6)
25	A 8/9 B 10/100	20"	GRAY-DARK GRAY BRN. FINE SANDY SILT, ROCK FRAGMENTS (ML) (6)
			DARK BRN. SILTY SAND & DECOMPOSED ROCK (SM) (3b)
			DECOMPOSED ROCK (1d)

AUGER REFUSAL 28'-0"

G.W.T. 11'-1"

FEET	NO	SB	REC	CLASSIFICATION

B-13B

(EL. 14.3'±) GROUND SURFACE

1	4/7	2"	CONCRETE 6" / DARK BRN. SAND, GRAVEL, CONCRETE (FILL) (7)
5	3/5/5/13	5"	BRN. SAND, SILT, GRAVEL, BRICK, ROCK FRAGMENTS, MISC. (FILL) (7)
10	3/3/4/3	4"	DARK GRAY BRN. SAND, SILT, GRAVEL, CLAY, THIN FINE ROOTS, MISC. (FILL) (7)
15	A 3/4 B 3/3	18"	DARK BRN. PEAT (PT) (6)
20	A 3/5 B 12/36	22"	GRAY-BRN. SANDY SILT, TR. THIN GRAY BRN. SILTY SAND LENSES (ML) (5b)
25	25/100/5"		BRN.-DARK BRN. SILTY SAND & DECOMPOSED ROCK (SM) (3a)
	6	8"	DECOMPOSED ROCK (1d)

AUGER REFUSAL 28'-0"

G.W.T. 11'-1"

FEET	NO	SB	REC	CLASSIFICATION

B-14B

(EL. 15.9'±) GROUND SURFACE

1	3/4/3	5"	CONCRETE 6" / DARK BRN.-BRN. SAND, SILT, GRAVEL, CINDER, GLASS, MISC. (FILL) (7)
5	14/8/7/5	3"	
10	13/10/8/8	4"	GRAY BRN.-DARK BRN. SAND, SILT, GRAVEL, CLAY, ROCK FRAGMENTS, ROOTS (FILL) (7)
15	2/2/2/8	16"	
20	8/10/13/13	18"	WOOD, GRAY SAND, SILT (FILL) (7)
25	6 100/0"	0"	

AUGER REFUSAL 25'-0"

G.W.T. 12'-10"

FEET	NO	SB	REC	CLASSIFICATION

B-15B

(EL. 15.9'±) GROUND SURFACE

1	2/1/2	8"	CONCRETE 5" / BRN. SAND, SILT, GRAVEL, BRICK (FILL) (7)
5	10/9/7/7	16"	BRN. SILTY SAND, TR. GRAVEL (SM) (FILL) (7)
10	3 30/100/0"	4"	DARK BRN.-BRN. SAND, SILT, GRAVEL, COBBLE, MISC. (FILL) (7)
15	4/2/2/1	18"	BRN. SAND, TR. GRAVEL, LITTLE SILT (SP-SM) (FILL) (7)
20	A 3/3 B 3/3	23"	DARK BRN. PEAT (PT) (6)
			GRAY SANDY CLAYEY SILT, TR. ROOTS (ML) (6)

AUGER REFUSAL 24'-6"

G.W.T. 13'-1"

FEET	NO	SB	REC	CLASSIFICATION

B-16B

(EL. 15.7'±) GROUND SURFACE

1	4/6/10	14"	CONCRETE 6" / BRN. SAND, TR. GRAVEL, CINDER, LITTLE SILT (SP-SM) (FILL) (7)
5	4/8/10/10	18"	DARK BRN. SILTY SAND, SILT, TR. GRAVEL, BRICK, CONCRTETE, CINDER (SM) (FILL) (7)
10	4/8/15/16	3"	BRN. WITH GRAY SAND, SILT, CLAY, CINDER, ROCK FRAGMENTS, COBBLE, MISC. (FILL) (7)
15	6/6/10/10	16"	BRICK, DARK GRAY WITH BRN. SAND, SILT, GRAVEL, CINDER, MISC. (FILL) (7)
20	5 2/3/3/4	16"	DARK BRN. PEAT (PT) (6)

B-16B CONT.

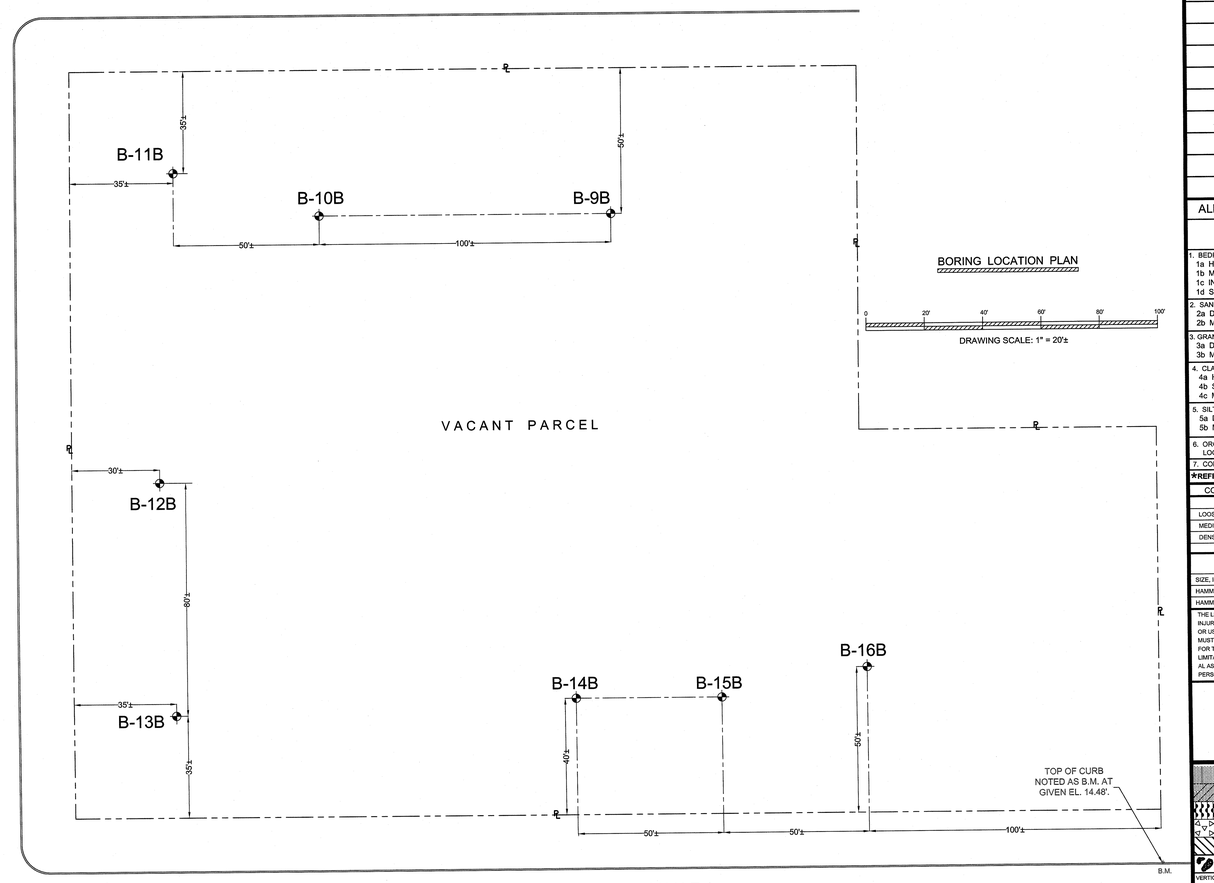
25	6 5/6/6/8	18"	GRAY WITH BRN. FINE SANDY SILT (ML) (5b)
30	7 8/10/14/16	23"	BRN. SILTY FINE MEDIUM SAND (SM) (3a)
35	8 14/18/22/100/5"	20"	BRN. SILTY SAND, TR. ROCK FRAGMENTS (SM) (3a)

AUGER REFUSAL 37'-0"

G.W.T. 12'-5"

FEET	NO	SB	REC	CLASSIFICATION

4 5th. ROAD



NOTES

1. SOIL DESCRIPTIONS ARE BY VISUAL EXAMINATION OF SOIL SAMPLES RECOVERED DURING DRILLING OPERATIONS.
2. SOIL DESCRIPTIONS ARE IN ACCORD WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM.
3. GROUND WATER TABLE WAS MEASURED INSIDE THE DRILL CASING AT THE COMPLETION OF EACH BOREHOLE.
4. SOIL STRATIFICATIONS ARE ACCURATE TO WITHIN TWO FEET VERTICALLY.
5. SOIL SAMPLES WERE OBTAINED USING A CENTRAL MINE EQUIPMENT (CME) AUTOMATIC TRIP HAMMER.
6. SOIL TEST BORING GROUND SURFACE ELEVATIONS SHOWN ARE REFERENCED TO TOPOGRAPHIC SURVEY PREPARED BY EMPIRE STATE-LAND SURVEYOR PC DATED JUNE 4, 2014 TIED TO NAVD88.
7. SOIL TEST BORINGS DRILLED IN ACCORD WITH THE NEW YORK CITY BUILDING CODE

Z: 15LDWGS 15L014.8B

UNIFIED SOIL CLASSIFICATION

SOIL GROUPS	TYPICAL NAMES AND SOIL SYMBOLS
1a THRU 1d	BED ROCK
GW	WELL GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GP	POORLY GRADED GRAVELS OR GRAVEL SAND MIXTURES. LITTLE OR NO FINES
GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURE
GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURE
SW	WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
SM	SILTY SANDS, SAND - SILT MIXTURES
SC	CLAYEY SANDS, SAND - CLAY MIXTURES
ML	INORGANIC SILTS, VERY FINE SANDS, CLAYEY SILTS, SLIGHT PLASTICITY
CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS SANDY CLAYS, SILTY CLAYS
OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS

ALLOWABLE SOIL BEARING PRESSURES, N.Y.C. BLDG. CODE TABLE 1804.1

CLASS OF MATERIALS (Notes 1 and 3) ★	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (TSF)	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (kPa)
1. BEDROCK (NOTES 2 and 7) ★		
1a HARD SOUND ROCK - GNEISS, DIABASE, SCHIST	60	5,746
1b MEDIUM HARD ROCK - MARBLE, SERPENTINE	40	3,830
1c INTERMEDIATE ROCK - SHALE, SANDSTONE	20	1,915
1d SOFT ROCK - WEATHERED ROCK	8	766
2. SANDY GRAVEL and GRAVEL (GW, GP) (NOTES 3, 4, 8, and 9) ★		
2a DENSE	10	958
2b MEDIUM	6	575
3. GRANULAR SOILS (GC, GM, SW, SP, SM, & SC)(NOTES 4, 5, 8, and 9) ★		
3a DENSE	6	575
3b MEDIUM	3	287
4. CLAYS (SC, CL, & CH)(NOTES 4, 6, 8, and 9)★		
4a HARD	5	479
4b STIFF	3	287
4c MEDIUM	2	192
5. SILTS & SILTY SOILS (ML and MH) (NOTES 4, 8, and 9) ★		
5a DENSE	3	287
5b MEDIUM	1.5	144
6. ORGANIC SILTS, ORGANIC CLAYS, PEATS, SOFT CLAYS, LOOSE GRANULAR SOILS and VARVED SILTS	SEE 1804.2.1 ★	SEE 1804.2.1 ★
7. CONTROLLED and UNCONTROLLED FILLS	SEE 1804.2.2 OR 1804.2.3 ★	SEE 1804.2.2 OR 1804.2.3 ★

★REFER TO SECTION 1804.2 OR NOTES FOLLOWING TABLE 1804.1 IN THE N.Y.C. BLDG. CODE FOR ADDITIONAL INFORMATION

COMPACTION RELATED TO SPOON BLOWS/FOOT

SAND & SILT		CLAY	
LOOSE	LESS THAN 10	SOFT	LESS THAN 4
MEDIUM	10 TO 30	MEDIUM	4 TO 8
DENSE	GREATER THAN 31	STIFF	GREATER THAN 8 TO 30
		HARD	GREATER THAN 30

"N" STANDARD PENETRATION TEST-ASTM 1586 (2" SPOON, 140lb. HAMMER, 30" FALL)

N=17 BLOWS PER FOOT

SPOON BLOW COUNT IS GENERALLY SHOWN IN 6" INCREMENTS FOR 2'DRIVE,TO OBTAIN BLOWS PER FOOT(N) USE 2ND & 3RD 6" INCREMENT

	ROTARY CASING	X-HEAVY CASING	SPOON
SIZE, INCHES	2.5		2.5
HAMMER WEIGHT, LBS.	——		140
HAMMER FALL, INCHES	——		30

CB - CASING BLOWS PER 1 FOOT DRIVE
SB - SPOON BLOWS PER 6 INCH DRIVE
P - PUSHED BY WEIGHT OF HAMMER
WOR - WEIGHT OF ROD
UD - UNDISTURBED SOIL SAMPLE
NO - SAMPLE NUMBER
FEET - DEPTH FROM GND.SUR. NOTED AT EACH 5'
WOH - WEIGHT OF HAMMER
REC - SOIL RECOVERY IN INCHES

THE LIABILITY OF SOIL MECHANICS DRILLING CORP.,ITS OFFICERS OR EMPLOYEES,FOR ERRORS,OMISSIONS OR NEGLIGENCE RESULTING IN PERSONAL INJURIES, PROPERTY DAMAGE OR ANY CONSEQUENTIAL DAMAGES, IS LIMITED TO THE AMOUNT OF THE FEE PAID FOR THIS REPORT. THE RETENTION OR USE OF ANY PART OF THIS REPORT WILL CONSTITUTE AN ACCEPTANCE OF THIS LIMITATION OF LIABILITY. IF THIS IS UNACCEPTABLE,THE CLIENT MUST NOTIFY SOIL MECHANICS DRILLING CORP. IN WRITING BY CERTIFIED MAIL,WITHIN SEVEN DAYS FROM THE DATE OF RECEIPT. THE FEE CHARGED FOR THIS REPORT IS BASED ON THIS LIMITATION OF LIABILITY WHICH IS THE ESSENCE OF THIS AGREEMENT. IF THE CLIENT WANTS A HIGHER LIMITATION OF LIABILITY, SOIL MECHANICS DRILLING CORP.,WILL NEGOTIATE ONE, BASED UPON A HIGHER FEE BEING CHARGED FOR THE ADDITIONAL ASSUMPTION OF LIABILITY. SOIL MECHANICS DRILLING CORP., ITS OFFICERS OR EMPLOYEES, HAVE NO LIABILITY OR RESPONSIBILITY TO PERSONS OTHER THAN THE CLIENT FOR WHOM THIS REPORT WAS PREPARED. ANYONE, OTHER THAN OUR CLIENT, RELIES ON THIS AT THEIR OWN RISK.

PROJECT:
PROPOSED 2 FAMILY HOMES
11th. ST. Between 46th. Ave. & 45th. Rd.
LONG ISLAND CITY, NEW YORK

SOIL MECHANICS DRILLING CORP.
subsoil investigations
3770 MERRICK ROAD • SEAFORD, NEW YORK 11783 • 516 221 - 2333

SUBSURFACE INVESTIGATION
PROPOSED 2 FAMILY HOMES
11th. ST. BETWEEN 46th. AVE. & 45th. RD.
LONG ISLAND CITY, NEW YORK

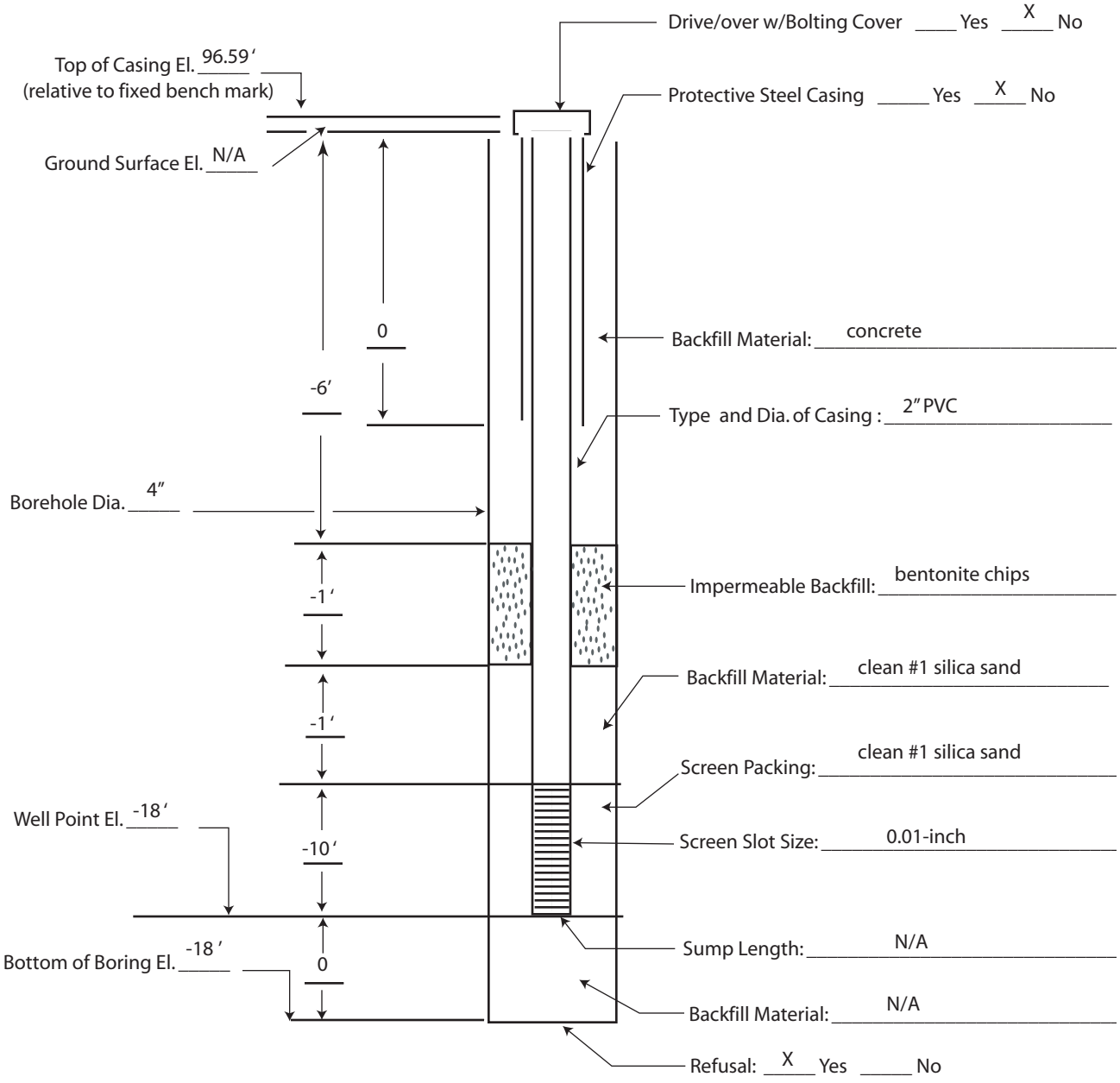
BORING PLAN
(Subsurface Investigation)

SEAL & SIGNATURE

STATE OF NEW YORK · VINCENT RAMUNNI · 13091 · LICENSED PROFESSIONAL ENGINEER

VERTICAL BORING SCALE: 1/2" = 1'-0" ±	DRAWING DATE: SEPTEMBER 30, 2015			DRAWING NUMBER 15L014.8B
DATES OF BORINGS: SEPT.11, 14 & 15, 2015	DRAWN BY: NAR	CHECKED BY: CV	REVISED DATE: OCT. 6, 2015	SHEET 1 OF 1

DATE: SEPT. 30, 2015
PROJECT No. 15L014.8B
DRAWING BY: NAR
CHECKED BY: CV
DWG No.
B-002.00
FILE No: Z: 15L014.8B



Materials Used:

Screen (PVC)	Bentonite Pellets	Locking Exp. Plug
Riser (PVC)	Asphalt	Lock
Plug (PVC)	Bentonite Chips	D/O
Slip Cap (PVC)	Concrete Mix	S/U
Silica Sand	Portland	
Powdered Bentonite		

Monitoring Well MW-4R Installation Detail

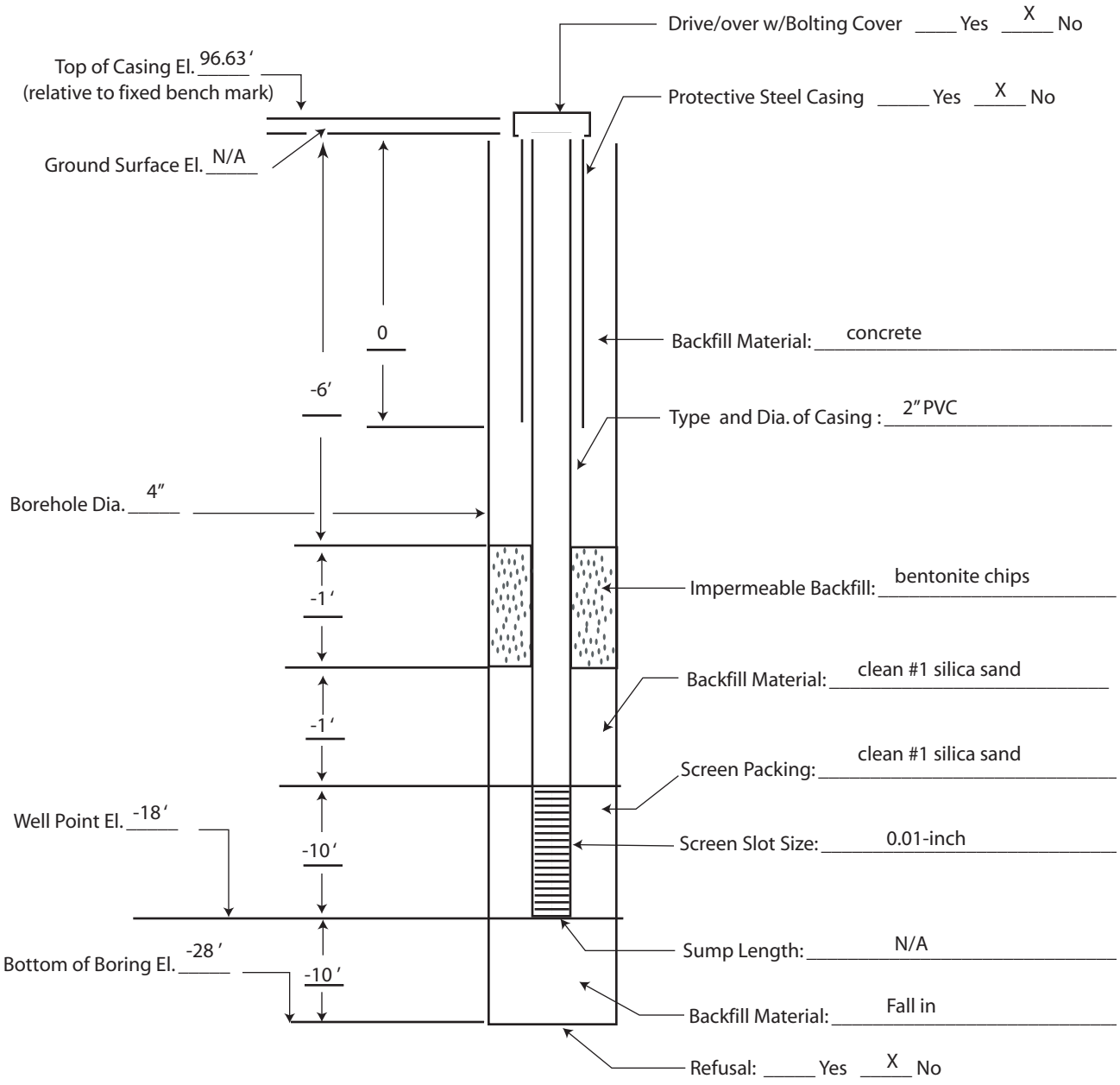
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

November 2015

Appendix D

Ecosystems Strategies, Inc.



Materials Used:

Screen (PVC)
Riser (PVC)
Plug (PVC)
Slip Cap (PVC)
Silica Sand
Powdered Bentonite

Bentonite Pellets
Asphalt
Bentonite Chips
Concrete Mix
Portland

Locking Exp. Plug
Lock
D/O
S/U

Monitoring Well MW-5R Installation Detail

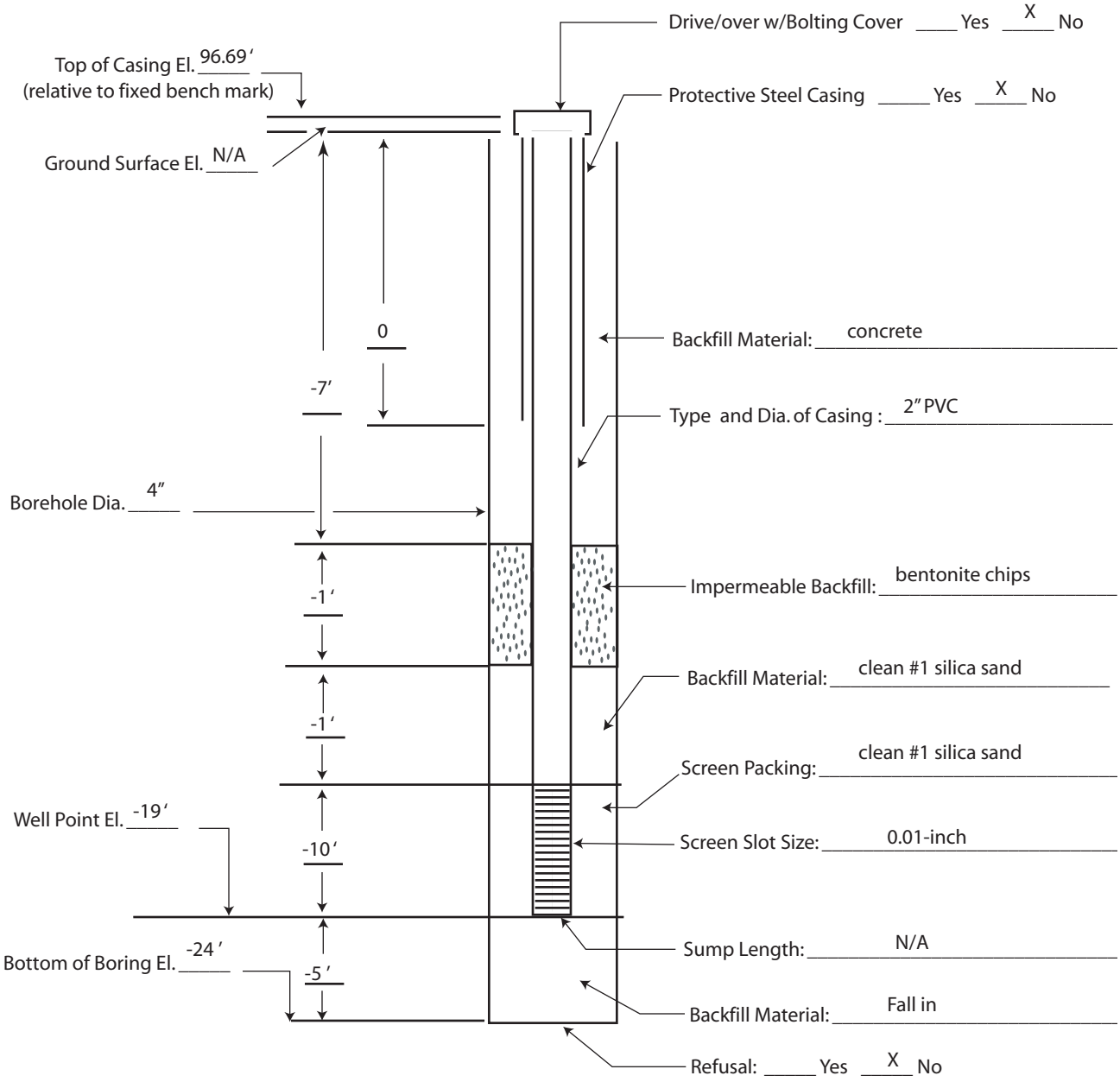
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

November 2015

Appendix D

Ecosystems Strategies, Inc.



Materials Used:

Screen (PVC)
Riser (PVC)
Plug (PVC)
Slip Cap (PVC)
Silica Sand
Powdered Bentonite

Bentonite Pellets
Asphalt
Bentonite Chips
Concrete Mix
Portland

Locking Exp. Plug
Lock
D/O
S/U

Monitoring Well MW-6R Installation Detail

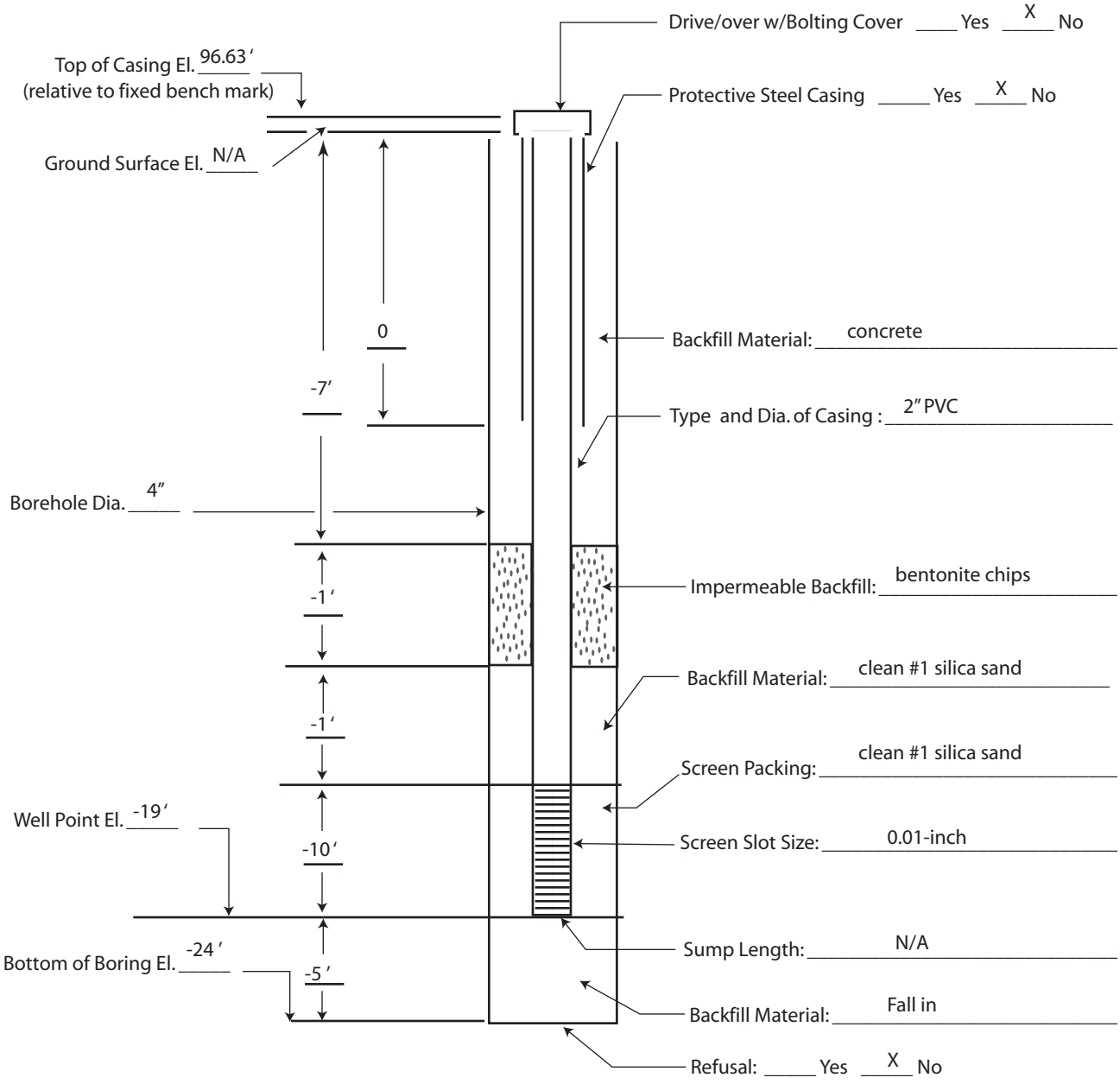
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

November 2015

Appendix D

Ecosystems Strategies, Inc.



Materials Used:

Screen (PVC)	Bentonite Pellets	Locking Exp. Plug
Riser (PVC)	Asphalt	Lock
Plug (PVC)	Bentonite Chips	D/O
Slip Cap (PVC)	Concrete Mix	S/U
Silica Sand	Portland	
Powdered Bentonite		

Monitoring Well MW-7 Installation Detail

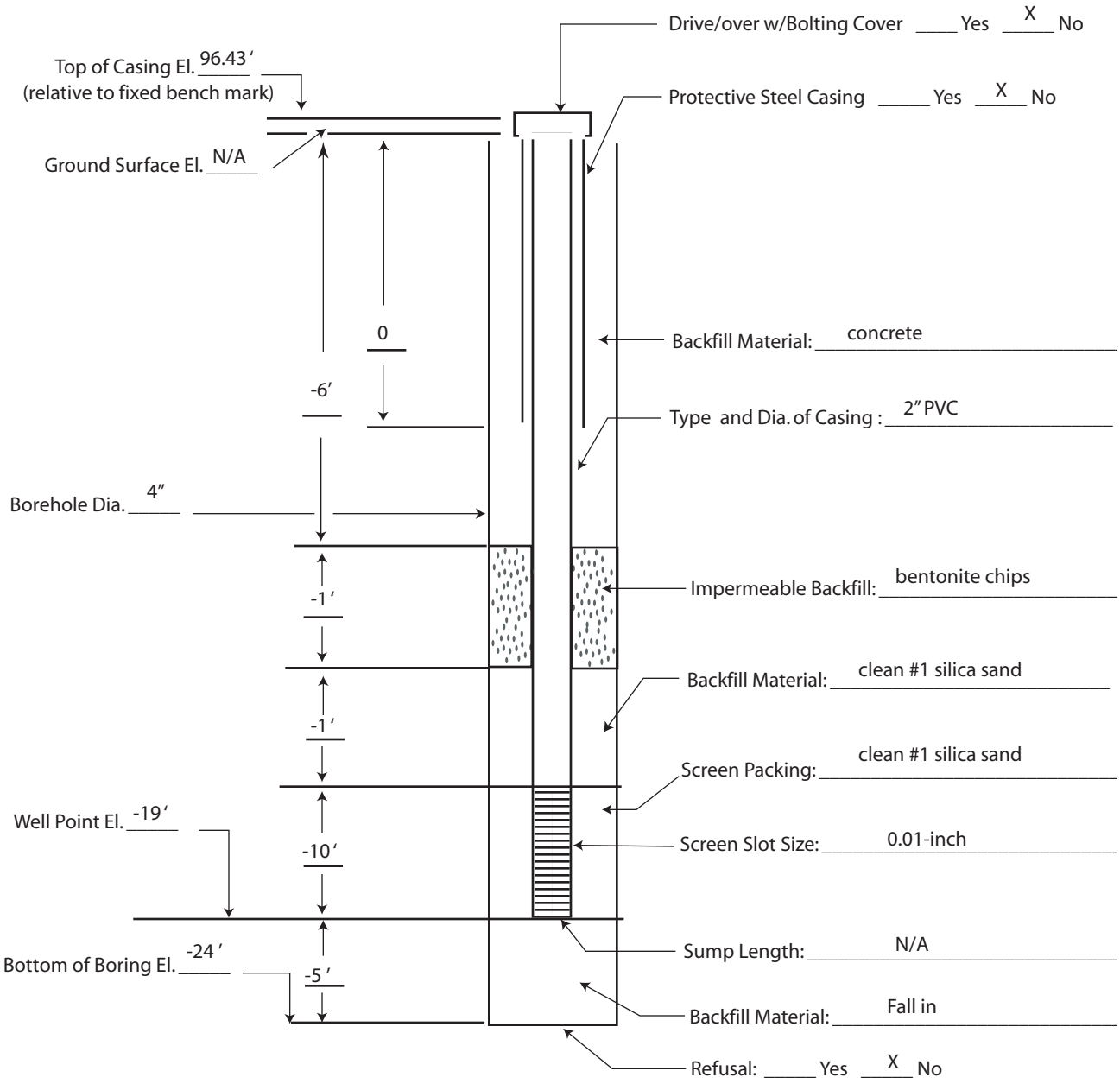
45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

November 2015

Appendix D

Ecosystems Strategies, Inc.



Materials Used:

Screen (PVC)
Riser (PVC)
Plug (PVC)
Slip Cap (PVC)
Silica Sand
Powdered Bentonite

Bentonite Pellets
Asphalt
Bentonite Chips
Concrete Mix
Portland

Locking Exp. Plug
Lock
D/O
S/U

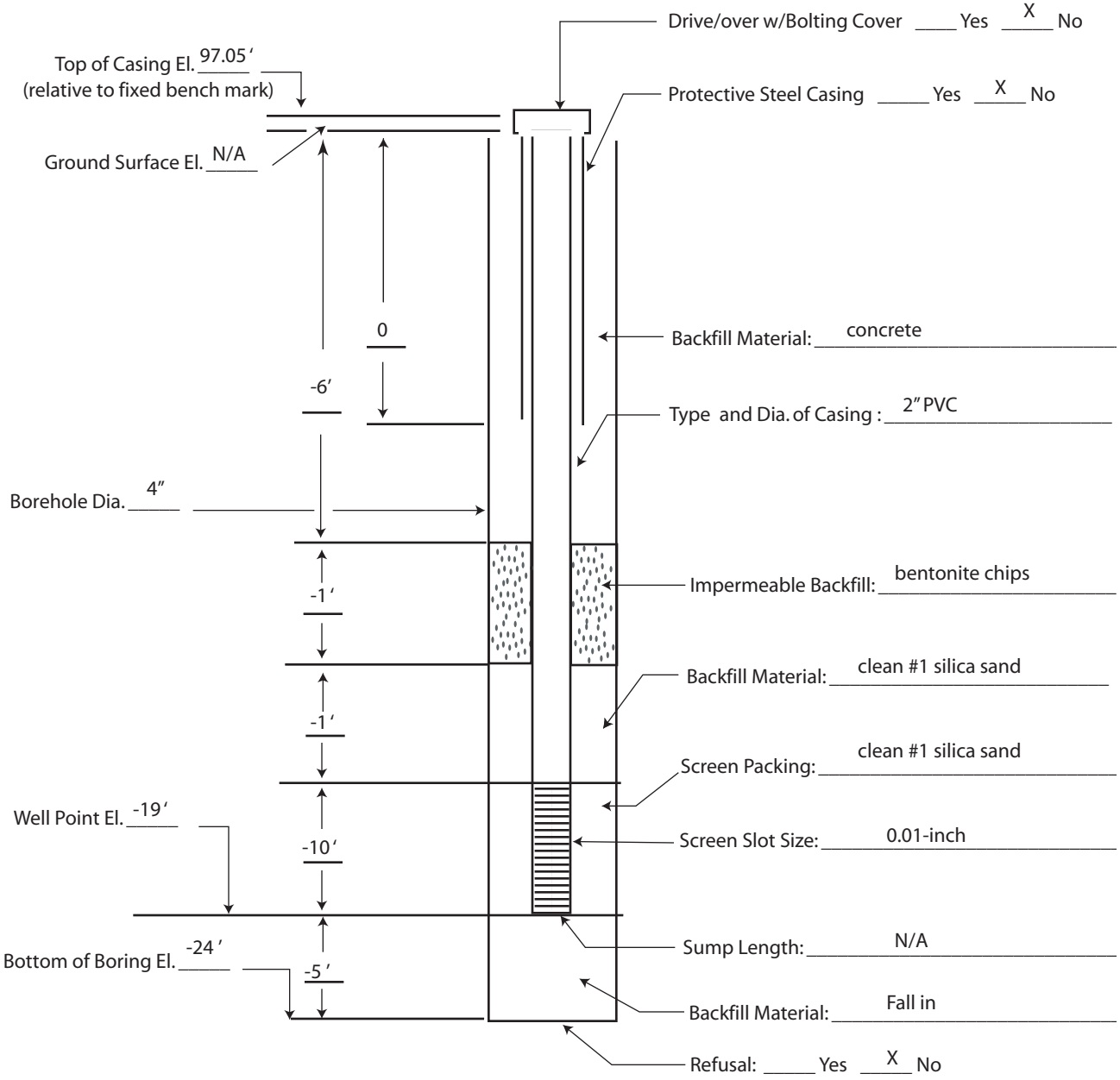
Monitoring Well MW-8 Installation Detail

45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

November 2015

Appendix D



Materials Used:

Screen (PVC)	Bentonite Pellets	Locking Exp. Plug
Riser (PVC)	Asphalt	Lock
Plug (PVC)	Bentonite Chips	D/O
Slip Cap (PVC)	Concrete Mix	S/U
Silica Sand	Portland	
Powdered Bentonite		

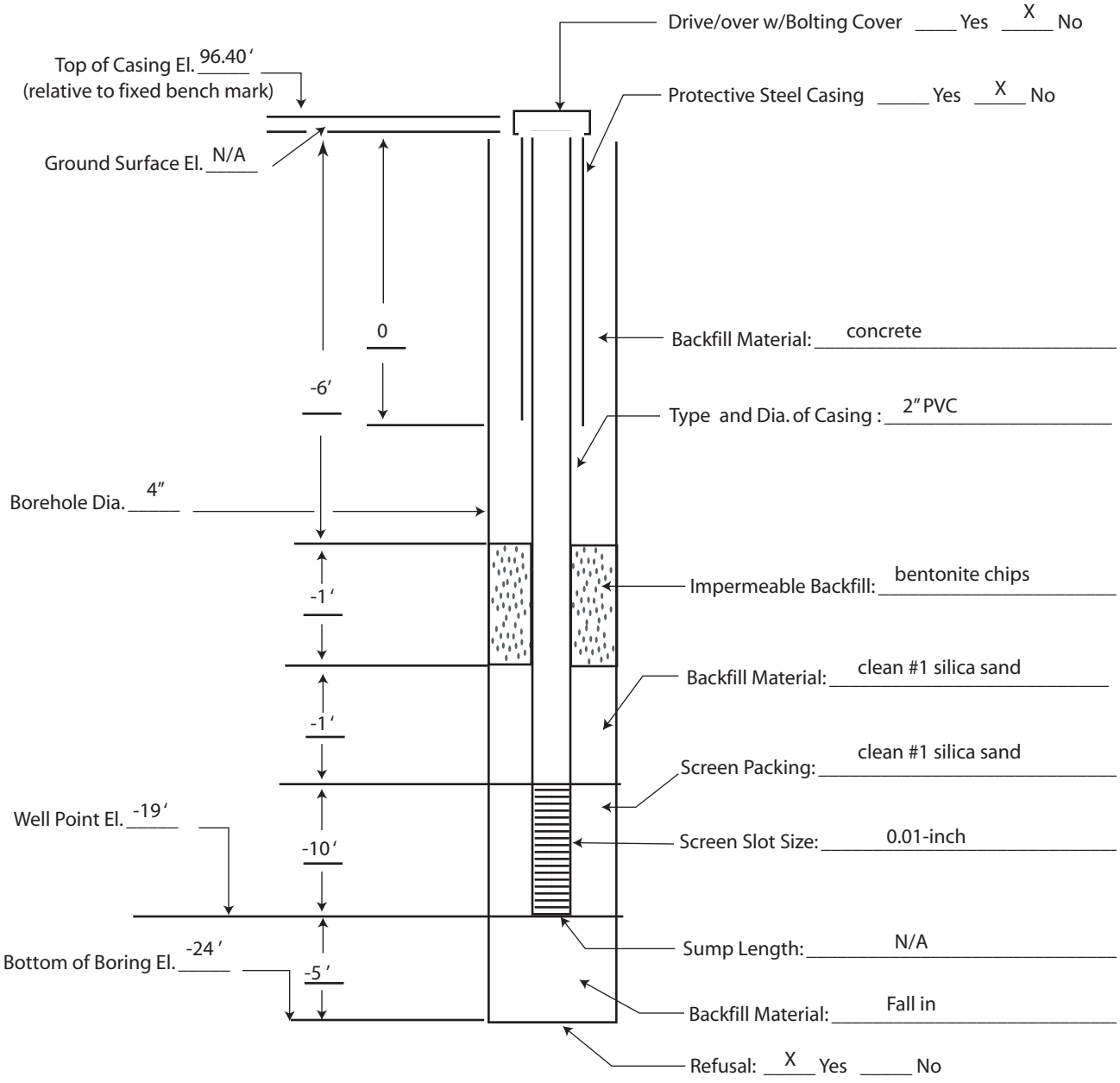
Monitoring Well MW-9 Installation Detail

45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

November 2015

Appendix D



Materials Used:

Screen (PVC)
Riser (PVC)
Plug (PVC)
Slip Cap (PVC)
Silica Sand
Powdered Bentonite

Bentonite Pellets
Asphalt
Bentonite Chips
Concrete Mix
Portland

Locking Exp. Plug
Lock
D/O
S/U

Monitoring Well MW-10 Installation Detail

45-35 11th Street and 11-22 45th Road
Queens, New York

ESI File: GQ14076.50

November 2015

Appendix D

APPENDIX D

Previous Environmental Reports

45-35 11TH STREET
LONG ISLAND CITY, NEW YORK

LIMITED
PHASE II ENVIRONMENTAL
SITE ASSESSMENT

PREPARED FOR:

Ms. Lisa Lee
Shine Electronics, Inc.
1115 46th Avenue
Long Island City, NY 11101

PREPARED BY:

P.W. Grosser Consulting, Inc.
630 Johnson Avenue, Suite 7
Bohemia, New York 11716
Phone: 631-589-6353
Fax: 631-589-8705

Frank Castellano, PG, Sr. Principal frankc@pwgrosser.com
Rocky Wenskus, Senior Hydrogeologist rockyw@pwgrosser.com

PWGC Project Number: SHI1401

MARCH 2013

45-35 11TH STREET, LONG ISLAND CITY, NEW YORK
PHASE II ENVIRONMENTAL SITE ASSESSMENT

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Table 7 Sediment Sample Analytical Data Summary – 8 RCRA Metals Compounds

APPENDICES

Appendix A Laboratory Analytical Report

1.0 INTRODUCTION

P.W. Grosser Consulting, Inc. (PWGC) has prepared this report to document the results of the limited Phase II Environmental Site Assessment (ESA) performed for the property located at 45-35 11th Street in Long Island City, New York. The scope of work for this proposal is based upon a Phase I Environmental Site Assessment (ESA) prepared for the site by Middleton Environmental, Inc. (MEI) dated June 10, 2008, and PWGCs walkthrough performed on January 27, 2014. The scope of work included the collection and analysis of soil and groundwater samples from the site.

1.1 Site Background

The subject site is located at 45-35 11th Street in Long Island City (Queens), New York. The property measures approximately 0.27 acres and is improved with one single-story commercial building with a partial basement. The building is currently occupied by Wayland Incorporated. A Site Plan is included as **Figure 1**.

1.2 Environmental History

The MEI Phase I ESA identified the following Recognized Environmental Conditions (RECs) with respect to the subject property:

- The presence of an abandoned 2,500-gallon fuel oil aboveground storage tank (AST) in the partial basement of the building. Based on review of the 2008 Phase I ESA, the tank was located behind a wall in the partial basement and could not be accessed at the time of the inspection. No documentation regarding the abandonment of the AST was available for review.
- The presence of a floor-drain in the loading dock on the main floor of the building. This floor-drain did not show evidence of staining, however, the discharge location of the drain could not be definitively determined.

Based on the findings of the Phase I ESA, MEI recommended a Phase II ESA for the site to evaluate the identified RECs. Based on review of the MEI Phase I ESA, PWGC proposed the following scope of work for the site:

- Collection and analysis of soil and/or groundwater samples from the AST location, and
- Investigation of the floor drain including a dye test and/or soil sampling.

2.0 FIELD ACTIVITIES

Based on review of the MEI Phase I ESA, PWGC performed the following scope of work for the site:

- Collection and analysis of soil and/or groundwater samples within the boiler room in the basement from the vicinity of the AST, and
- The inspection of the floor-drain in the loading dock of the building.

2.1 AST Area Sampling

On February 14, 2014, PWGC was on-site to perform the limited Phase II Environmental Site Assessment (ESA) at the site.

Soil borings were installed using a hand-driven Geoprobe® fitted with a two-foot large-bore sampler and disposable acetate liners. Non-dedicated sampling equipment was decontaminated with a laboratory grade detergent and clean water rinse. Soil samples were field screened for the presence of volatile organic compounds (VOCs) with a photo-ionization detector (PID). Groundwater was encountered at a depth of approximately one to two feet below the basement slab (estimated depth to groundwater beneath the site is approximately 10 feet below ground surface). Soil Boring locations are illustrated in **Figure 1**.

2.1.1 AST Area Subsurface soil sampling

Three soil borings (SB001 to SB003) were installed in the boiler room in the vicinity of the abandoned AST. At each boring location, soil samples were collected continuously from the basement slab grade to approximately five feet below the basement slab. Groundwater was encountered at approximately two feet below the basement slab.

Recovered soils consisted primarily of medium-grained and coarse-grained sand with silty sand and gravel throughout. A bog type layer, which typically contains organic material, was identified in each boring at a depth of approximately two feet below the basement slab. Elevated PID responses were not detected in soils collected from the borings. No evidence of impact (PID response, staining, odors) was detected in recovered soils. Based on field screening, samples were collected from the interval above the water table at each boring.

2.1.2 AST Area Groundwater Sampling

Upon collecting the soil samples from within the boiler room, PWGC collected two groundwater samples (GW001 and GW002) from two locations within the boiler room. These samples were collected from SB002 and SB003, respectively. Groundwater samples were collected by driving a stainless steel 0.050 mil-slot screen attached to Geoprobe™ rods to the depth corresponding with the water table observed during soil sample collection. Dedicated polyethylene tubing, fitted with a stainless steel check valve, was installed through the

Geoprobe[tm] rods and manually oscillated in order to purge the required three to five casing volumes of groundwater from the sample points.

2.1.3 Floor Drain

Prior to performing a dye test on the floor drain in the street level loading dock, PWGC identified that drain was too clogged to allow water to pass through. Additionally, PWGC identified a small crack in the drain through which a sample was able to be retrieved (FD001).

Recovered soils consisted primarily of medium-grained sand, with silty sand throughout. No evidence of impact (PID response, staining, odors) was detected in the sediments.

2.2 Sample Analysis

A total of four soil samples and two groundwater samples were collected for laboratory analysis. The samples were contained in pre-cleaned, preserved, laboratory supplied glassware, stored in a cooler with ice, and submitted to Alpha Analytical Laboratories, Inc. of Westboro, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP ID 11148).

AST area soil and groundwater samples were analyzed as follows:

- VOCs by USEPA Method 8260 (CP-51 List)
- SVOCs by USEPA Method 8270 (CP-51 List)

Floor drain sample was analyzed as follows:

- VOCs by USEPA Method 8260
- SVOCs by USEPA Method 8270
- RCRA Metals by USEPA Method 6010/7471

3.0 ANALYTICAL RESULTS

Soil sample analytical data were compared to the New York State Department of Environmental Conservation (NYSDEC) Unrestricted Use Soil Cleanup Objectives (SCO) specified in 6 NYCRR Part 375-6, Remediation Program Soil Cleanup Objectives (December 2006).

Groundwater analytical data were compared to the NYSDEC Ambient Water Quality Standards and Guidance Values (AWQS) for Class GA groundwater, as specified in Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards (AWQS) and Guidance Values on Groundwater Effluent Limitations, June 1998.

The sediment sample analytical data were compared to the United States Environmental Protection Agency (USEPA) Region 2 Cleanup Objectives.

Sample locations are illustrated in **Figure 1**; soil analytical data are summarized in **Table 1** and **Table 2**, groundwater analytical data are summarized in **Table 3** and **Table 4**, and sediment sample analytical data are summarized in **Table 5**, **Table 6** and **Table 7** A copy of the laboratory analytical report is included as **Appendix A**.

3.1.1 AST Area Soil Analytical Results

Three soil samples were collected from borings installed within the boiler room in the vicinity of the AST location (SB001, SB002, SB003).

As shown on **Table 1**, no VOCs were detected at concentrations exceeding their respective Unrestricted Use SCOs in the samples collected from within the boiler room in the vicinity of the AST.

As shown on **Table 2**, multiple SVOCs were detected at concentrations exceeding their respective Unrestricted Use SCO in the soil samples collected from soil borings SB001 (1 to 2 feet bgs) and SB002 (1 to 2 feet bgs). Elevated SVOCs detected in these samples included, but were not limited to benzo(a)anthracene, chrysene, fluoranthene. These compounds are indicative of the presence of a historic release from the AST.

3.1.2 AST Area Groundwater Analytical Results

Two groundwater samples were collected from two the soil borings (SB002 and SB003) installed in the boiler room adjacent to the abandoned AST (GW001 and GW002).

As shown on **Table 3**, one VOC compound, Naphthalene, was detected slightly above the NYSDEC ambient groundwater quality standard at GW001. Review of the data indicates that there was evidence of low levels of

Naphthalene in the soil sample (5.3 µg/kg) collected from this location (SB002) indicating that the soil may be contributing to the low levels of groundwater impacts identified in this location. Additionally, since Naphthalene was not identified in the groundwater sample collected from GW002, it appears that the low levels of this compound are confined to this area.

As shown on **Table 4**, no SVOC compounds were detected in excess of their respective NYSDEC ambient groundwater quality standard.

3.1.3 Floor Drain Analytical Results

One sediment sample (FD001) was collected from the base of the floor drain in the loading dock of the building.

Table 5 depicts the analytical results for VOCs collected from the floor-drain. One VOC compound, Acetone, was detected at concentrations exceeding its respective USEPA Clean-up Objective in the sample collected from FD001. Acetone is a typical lab contaminant as well as industrial cleaner. Based upon this information, an onsite source cannot be ruled out. However, during the January 2014 walkthrough as well as during this Phase II, acetone was not identified in other media.

As shown on **Table 6**, the reporting limits were elevated for SVOCs. This typically indicates interference from elevated compounds. Although detections above the laboratory reporting limits were identified, there were no signs of gross contamination in the collected soils.

As shown on **Table 7**, one metal compound, Chromium, was detected at concentrations exceeding its respective USEPA Clean-up Objective. Chromium is a typical plating compound used in electroplating. Although identified in the floor-drain, there was no evidence of chromium use on the subject site.

Based on analytical results, it does not appear that the use/presence of this floor drain has significantly impacted the subsurface.

4.0 CONCLUSIONS AND RECOMMENDAITONS

PWGC performed a limited Phase II ESA for the property located at 45-35 11th Street in Long Island City, New York. The scope of work for this proposal is based upon a Phase I Environmental Site Assessment (ESA) prepared for the site by Middleton Environmental, Inc. (MEI) dated June 10, 2008, and PWGCs walkthrough performed on January 27, 2014. The scope of work included the collection and analysis of soil and groundwater samples from the site.

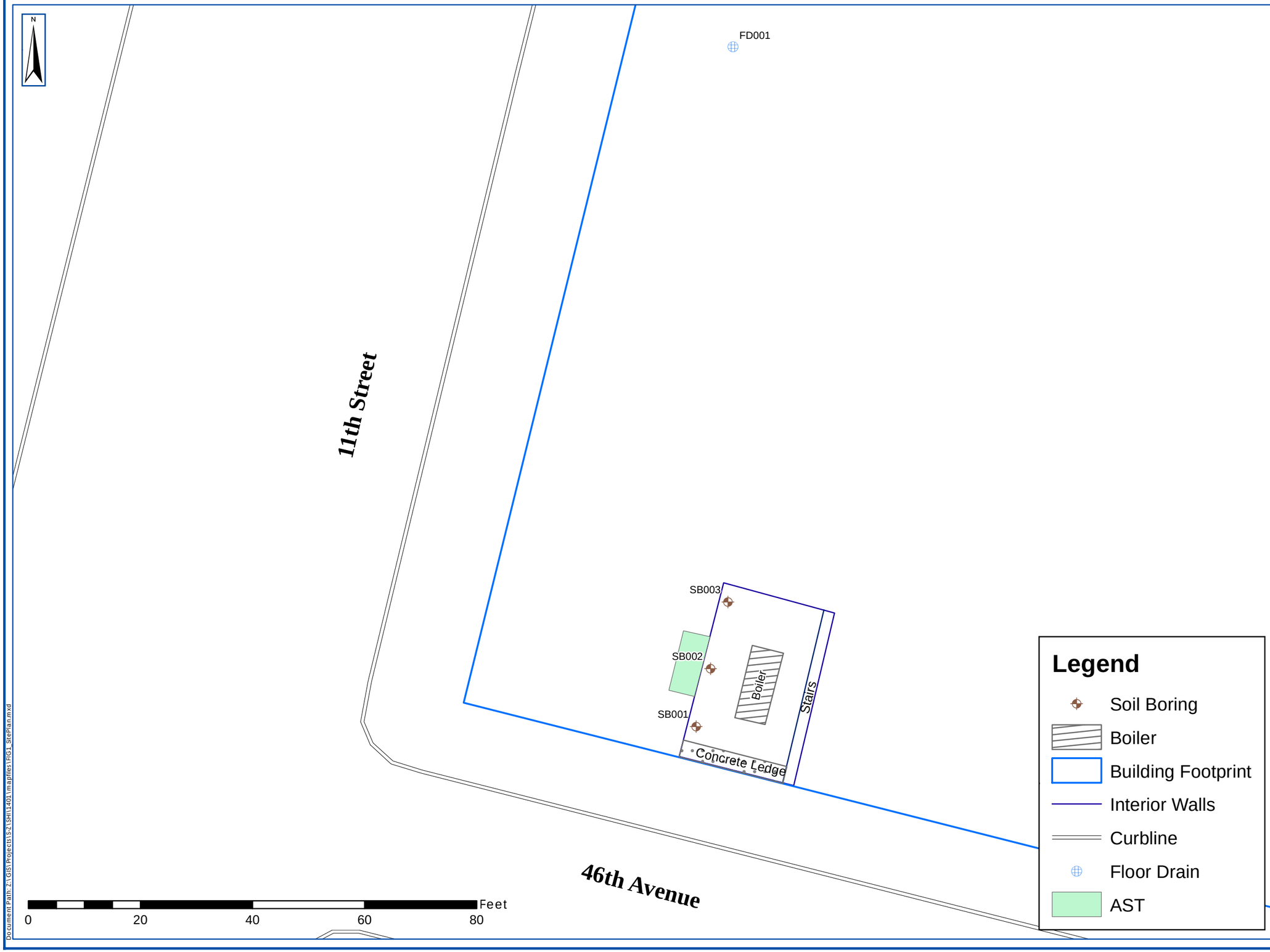
As part of the investigation, PWGC performed the following:

- Collection and analysis of soil and/or groundwater samples from within the boiler room in close proximity to the AST location, and
- An investigation of the floor-drain including sediment sampling.

Based on field observations and analytical results, it appears that soil and groundwater impacts are present beneath the site. These impacts could be the result of localized historic fill or a localized historic release from the AST on the subject property. Based upon the data, there was no significant impacts identified to groundwater, therefore there is unlikely to be a cleanup response from the New York State Department of Environmental Conservation (NYSDEC).

Additionally, based on field observations and analytical results, low level impact was identified in the floor-drain. It is recommended that the impacted sediment be removed from the drain and properly disposed of offsite. Additionally, the drain should be repaired so that it can properly be used or properly abandoned to prevent future potential impacts to the subsurface.

FIGURES



PWGC
Strategic Environmental and Engineering Solutions
P.W. GROSSER CONSULTING, INC.
630 Johnson Avenue. • Suite 7
Bohemia • NY • 11716-2618
Phone: (631) 589-6353 • Fax: (631) 589-8705
E-mail: INFO@PWGROSSER.COM

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DRAWING PREPARED FOR:

REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	SHI1401	Designed by:	RM
Date:	03/05/2014	Drawn by:	JCG
Scale:	AS SHOWN	Approved by:	RWW

SITE PLAN

45-35 11th STREET
LONG ISLAND CITY,
NY 11101

FIGURE NO:
1

SHEET:

Document Path: Z:\GIS\Projects\SZ\SHI\1401\mapfiles\FIG1_SitePlan.mxd

TABLES

Table 1
Soil Sample Analytical Results - VOCs by EPA Method 8260
45-35 11th Street, Long Island City, NY

Client Sample ID: Sample Depth: Sampling Date:	Unrestricted Use SCO[1]	SB001 0 to 2' 2/14/2014		SB002 0 to 2' 2/14/2014		SB003 0 to 2' 2/14/2014	
Volatile Organic Compounds - USEPA Method 8260 - ug/kg							
1,2,4-Trimethylbenzene	3,600	5.9	U	5.5	U	6.1	U
1,3,5-Trimethylbenzene	8,400	5.9	U	5.5	U	6.1	U
Benzene	60	1.2	U	1.1	U	1.2	U
Ethyl Benzene	1,000	1.2	U	1.1	U	1.2	U
Isopropylbenzene	2,300	1.2	U	1.1	U	1.2	U
Methyl tert butyl ether	930	2.4	U	2.2	U	2.4	U
n-Butylbenzene	12,000	1.2	U	1.1	U	1.2	U
n-Propylbenzene	3,900	1.2	U	1.1	U	1.2	U
Naphthalene	12,000	8.6		5.3	J	1.9	J
o Xylene	260	2.4	U	2.2	U	2.4	U
p/m-Xylene	260	2.4	U	2.2	U	2.4	U
p-Chlorotoluene	NS	1.2	U	1.1	U	1.2	U
p-Isopropyltoluene	10,000	2.4	U	2.2	U	2.4	U
sec-Butylbenzene	11,000	1.2	U	1.1	U	1.2	U
tert-Butylbenzene	5,900	5.9	U	5.5	U	6.1	U
Toluene	700	1.8	U	1.7	U	1.8	U

Notes:
All units are ug/kg (ppb)

1 - NYSDEC Soil Cleanup Objectives (SCO), 6 NYCRR Part 375 -Environmental Remediation Programs

NS - No standard established

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Bold values exceed the laboratory MDL

Highlighted values exceed NYSDEC Unrestricted Use SCO

Table 2

Soil Sample Analytical Results - SVOCs by EPA Method 8270

45-35 11th Street, Long Island City, NY

Client Sample ID: Sample Depth: Sampling Date:	Unrestricted Use SCO[1]	SB001 0 to 2' 2/14/2014	SB002 0 to 2' 2/14/2014	SB003 0 to 2' 2/14/2014	
Semi-Volatile Organic Compounds by 8270 - ug/kg					
Acenaphthene	20,000	**1,700**	**4,300**	160	U
Acenaphthylene	100,000[a]	**470**	**860**	160	U
Anthracene	100,000[a]	**2,600**	**6,100**	53	J
Benzo(a)anthracene	1,000[c]	**4,200**	**9,500**	83	J
Benzo(a)pyrene	1,000[c]	**3,700**	**8,200**	70	J
Benzo(b)fluoranthene	1,000[c]	**4,500**	**10,000**	96	J
Benzo(ghi)perylene	100,000	1,900	4,400	50	J
Benzo(k)fluoranthene	800[c]	**1,800**	**3,600**	120	U
Chrysene	1,000[c]	**4,600**	**10,000**	80	J
Dibenzo(a,h)anthracene	330[b]	**540**	**1,100**	120	U
Fluoranthene	100,000[a]	11,000	26,000	200	
Fluorene	30,000	1,800	3,600	200	U
Indeno(1,2,3-cd)pyrene	500[c]	**2,100**	**4,800**	52	J
Naphthalene	12,000	1,600	2,500	200	U
Phenanthrene	100,000	14,000	32,000	110	J
Pyrene	100,000	9,200	22,000	200	

Notes:

All units are ug/kg (ppb)

1 - NYSDEC Soil Cleanup Objectives (SCO), 6 NYCRR Part 375 -Environmental Remediation Programs

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Bold values exceed the laboratory MDL

Highlighted values exceed NYSDEC Unrestricted Use SCO

Table 3

Groundwater Sample Analytical Results - VOCs by EPA Method 8260

45-35 11th Street, Long Island City, NY

Client Sample ID: Sample Depth: Sampling Date:	NYSDEC AWQS[1]	GW001 1-3' 2/14/2014		GW002 1-3' 2/14/2014	
Volatile Organic Compounds - USEPA Method 8260 - ug/kg					
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U
Benzene	1	0.5	U	0.5	U
Ethylbenzene	5	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U
Naphthalene	10	**11**		1.5	J
o-Xylene	5	2.5	U	2.5	U
p-Isopropyltoluene	5	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U
Toluene	5	2.5	U	2.5	U

Notes:

All concentrations are ug/L (ppb)

1 : Class GA Ambient Water Quality Standard (AWQS), NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998

NS : No standard established

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Bold values exceed the laboratory MDL

Highlighted values indicate exceedance of AWQS

Table 4
Groundwater Sample Analytical Results - SVOCs by EPA Method 8270
45-35 11th Street, Long Island City, NY

Client Sample ID: Sample Depth: Sampling Date:	NYSDEC AWQS[1]	GW001 1-3' 2/14/2014		GW002 1-3' 2/14/2014	
Semi-Volatile Organic Compounds by 8270 - ug/kg					
Acenaphthene	20	**5.4**		**2.6**	
Acenaphthylene	20	0.2	U	0.4	U
Anthracene	50*	**0.4**		0.24	J
Benzo(a)anthracene	0.002	0.09	J	0.11	J
Benzo(a)pyrene	0.002	0.2	U	0.4	U
Benzo(b)fluoranthene	0.002	0.07	J	0.4	U
Benzo(ghi)perylene	NS	0.2	U	0.4	U
Benzo(k)fluoranthene	0.002	0.2	U	0.4	U
Chrysene	0.002	0.1	J	0.1	J
Dibenzo(a,h)anthracene	50	0.2	U	0.4	U
Fluoranthene	50	**0.62**		**0.96**	
Fluorene	50	**0.84**		**0.66**	
Indeno(1,2,3-cd)pyrene	0.002	0.2	U	0.4	U
Naphthalene(sv)	10	**1.6**		0.21	J
Phenanthrene	50	**1.4**		**0.97**	
Pyrene	50	**0.43**		**0.67**	

Notes:

All concentrations are ug/L (ppb)

Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998

NS : No standard established

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Bold values exceed the laboratory MDL

Highlighted values indicate exceedance of AWQS

Table 5
Sediment Sample Analytical Results - VOCs by EPA Method 8260
45-35 11th Street, Long Island City, NY

Client Sample ID: Sample Depth: Sampling Date:	USEPA Clean-up Objectives[1]	FD001 0 to 2' 2/14/2014	
Volatile Organic Compounds - USEPA Method 8260 - ug/kg			
1,1,1,2-Tetrachloroethane	NS	1.6	U
1,1,1-Trichloroethane	680	1.6	U
1,1,2,2-Tetrachloroethane	600	1.6	U
1,1,2 Trichloroethane	NS	2.5	U
1,1 Dichloroethane	270	2.5	U
1,1 Dichloroethene	NS	1.6	U
1,1-Dichloropropene	NS	8.2	U
1,2,3-Trichlorobenzene	NS	8.2	U
1,2,3-Trichloropropane	340	16	U
1,2,4,5-Tetramethylbenzene	NS	6.6	U
1,2,4-Trichlorobenzene	3,400	8.2	U
1,2,4-Trimethylbenzene	3,600	8.2	U
1,2 Dibromo 3 chloropropane	NS	8.2	U
1,2 Dibromoethane	NS	6.6	U
1,2 Dichlorobenzene	1,100	8.2	U
1,2 Dichloroethane	20	1.6	U
1,2 Dichloropropane	NS	5.8	U
1,3,5-Trimethylbenzene	8,400	8.2	U
1,3 Dichlorobenzene	2,400	8.2	U
1,3-Dichloropropane	300	8.2	U
1,4 Dichlorobenzene	1,800	8.2	U
1,4-Diethylbezene	NS	6.6	U
2,2-Dichloropropane	NS	8.2	U
2-Butanone / Methyl Ethyl Ketone	300	12	J
2-Hexanone	NS	16	U
4-Ethyltoluene	NS	6.6	U
4-Methyl-2-pentanone	1,000	16	U
Acetone	50	**140**	
Acrylonitrile	NS	16	U
Benzene	60	1.6	U
Bromobenzene	NS	8.2	U
Bromochloromethane	NS	8.2	U
Bromodichloromethane	NS	1.6	U
Bromoform	NS	6.6	U
Bromomethane	NS	3.3	U
Carbon Disulfide	2,700	16	U
Carbon Tetrachloride	760	1.6	U
Chlorobenzene	1,100	1.6	U
Chloroethane	1,900	3.3	U
Chloroform	370	2.5	U
Chloromethane	NS	8.2	U
c-1,2-Dichloroethene	250	1.6	U
c-1,3-Dichloropropene	NS	1.6	U
Dibromochloromethane	NS	1.6	U
Dibromoethane	NS	16	U
Dichlordifluoromethane	NS	16	U
Diethy ether	NS	8.2	U
Ethyl Benzene	1,000	1.6	U
Hexachlorobutadiene	NS	8.2	U
Isopropylbenzene	2,300	1.6	U
Methyl tert butyl ether	930	3.3	U
Methylene Chloride	50	16	U
n-Butylbenzene	NS	1.6	U
n-Propylbenzene	3,900	1.6	U
Naphthalene	NS	8.2	U
o-Chlorotoluene	NS	8.2	U
o Xylene	1,600	3.3	U
p/m-Xylene	1,600	8.2	U
p-Chlorotoluene	NS	1.6	U
p-Isopropyltoluene	10,000	3.3	U
sec-Butylbenzene	11,000	1.6	U
Styrene	NS	3.3	U
tert-Butylbenzene	5,900	8.2	U
Tetrachloroethene	1,300	1.6	U
Toluene	700	2.5	U
t-1,2-Dichloroethene	190	2.5	U
t-1,3-Dichloropropene	NS	1.6	U
trans-1,4-Dichloro-2-butene	NS	8.2	U
Trichloroethene	470	1.6	U
Trichlorofluoromethane	NS	8.2	U
Vinyl acetate	NS	16	U
Vinyl Chloride	20	3.3	U

Notes:
NS - No Standard
All units are ug/kg (ppb)

(1) USEPA Region 2 UIC Cleanup Objectives; based upon the Protection of Groundwater Soil Cleanup Objectives in NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8(b) and NYSDEC CP-51

NS - No standard established

J : Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U : Indicates the analyte was analyzed for but not detected.

Bold values exceed the laboratory MDL

Highlighted values exceed NYSDEC Unrestricted Use SCO

Table 6
Sediment Sample Analytical Results - SVOCs by EPA Method 8270
45-35 11th Street, Long Island City, NY

Client Sample ID: Sample Depth: Sampling Date:	USEPA Clean-up Objectives[1]	FD001 0 to 2' 2/14/2014	
Semi-Volatile Organic Compounds by 8270 - ug/kg			
1,2,4-Trichlorobenzene	NS	2,700	U
1,2-Dichlorobenzene	NS	2,700	U
1,3-Dichlorobenzene	NS	2,700	U
1,4-Dichlorobenzene	NS	2,700	U
2,4,5-Trichlorophenol	100	2,700	U
2,4,6-Trichlorophenol	NS	1,600	U
2,4,Dichlorophenol	400	2,400	U
2,4-Dimethylphenol	NS	2,700	U
2,4-Dinitrophenol	200	13,000	U
2,4-Dinitrotoluene	NS	2,700	U
2,6-Dinitrotoluene	1,000	2,700	U
2-Chloronaphthalene	NS	2,700	U
2-Chlorophenol	NS	2,700	U
2-Methylnaphthalene	36,400	3,300	U
2-Methylphenol	NS	2,700	U
2-Nitroaniline	400	2,700	U
2-Nitrophenol	300	5,900	U
3,3'-Dichlorobenzidine	NS	2,700	U
3+4-Methylphenol	NS	3,900	U
3-Nitroaniline	500	2,700	U
4-Bromophenyl phenyl ether	NS	2,700	U
4-Chloroaniline	220	2,700	U
4-Chlorophenyl phenyl ether	NS	2,700	U
4-Nitroaniline	NS	2,700	U
4-Nitrophenol	100	3,800	U
Acenaphthene	98,000	2,200	U
Acenaphthylene	107,000	2,200	U
Anthracene	1,000,000	1,600	U
Benzo(a)anthracene	1,000	1,600	U
Benzo(a)pyrene	22,000	2,200	U
Benzo(b)fluoranthene	1,700	1,600	U
Benzo(ghi)perylene	1,000,000	2,200	U
Benzo(k)fluoranthene	1,700	1,600	U
Benzoic Acid	2,700	8,800	U
Benzyl alcohol	NS	2,700	U
bis(2-Chloroethoxy)methane	NS	2,900	U
bis(2-Chloroethyl)ether	NS	2,400	U
bis(2-Chloroisopropyl)ether	NS	3,300	U
bis(2-Ethylhexyl)phthalate	435,000	1,900	J
BenzylButylPhthalate	122,000	2,700	U
Carbazole	NS	2,700	U
Chrysene	1,000	1,600	U
Di-n-Butyl Phthalate	8,100	2,700	U
Di-n-octyl Phthalate	120,000	2,700	U
Dibenzo(a,h)anthracene	1,000,000	1,600	U
Dibenzofuran	NS	2,700	U
Diethyl Phthalate	7,100	2,700	U
Dimethyl Phthalate	27,000	2,700	U
Fluoranthene	1,000,000	1,600	U
Fluorene	386,000	2,700	U
Hexachlorobenzene	1,400	1,600	U
Hexachlorobutadiene	NS	2,700	U
Hexachlorocyclopentadiene	NS	7,800	U
Hexachloroethane	NS	2,200	U
Indeno(1,2,3-cd)pyrene	8,200	2,200	U
Isophorone	4,400	2,400	U
N-Nitrosodi-n-propylamine	NS	2,700	U
Naphthalene	12,000	2,700	U
Nitrobenzene	170	2,400	U
Pentachlorophenol	800	2,200	U
Phenanthrene	1,000,000	1,600	U
Phenol	330	2,700	U
Pyrene	1,000,000	1,600	U

Notes:

Notes:

units are in µg/kg

(1) USEPA Region 2 UIC Cleanup Objectives; based upon the Protection of Groundwater Soil Cleanup Objectives in NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8(b) and NYSDEC CP-51

Table 7

Sediment Sample Analytical Results - 8RCRA Metals VOCs by EPA Method 6010/7471

45-35 11th Street, Long Island City, NY

Client Sample ID: Sample Depth: Sampling Date:	USEPA Clean-up Objectives[1]	FD001 0 to 2' 2/14/2014	
Metals by 6010 - mg/kg			
Arsenic as As	16	**12**	
Barium as Ba	820	**120**	
Cadmium as Cd	7.5	**1.3**	
Chromium as Cr	30	**93**	
Lead as Pb	450	**270**	
Mercury as Hg	0.73	**0.31**	
Selenium as Se	3.9	1.2	U
Silver as Ag	8.3	2.6	

All units are mg/kg (ppm)

(1) USEPA Region 2 UIC Cleanup Objectives; based upon the Protection of Groundwater Soil Cleanup Objectives in NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestriced Use of Soil Cleanup Objective Table 375-6.8(b) and NYSDEC CP-51

U : Indicates the analyte was analyzed for but not detected.

Bold values exceed the laboratory MDL

Highlighted values exceed NYSDEC Unrestricted Use SCO

APPENDIX A
LABORATORY ANALYTICAL REPORT

ANALYTICAL REPORT

Lab Number:	L1403540
Client:	P. W. Grosser 630 Johnson Avenue Suite 7 Bohemia, NY 11716
ATTN:	Rocky Wenskus
Phone:	(631) 589-6353
Project Name:	45-35 11TH ST
Project Number:	SHI1401
Report Date:	02/21/14

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1403540-01	SB001 (0-2)	LONG IS. CITY, NY	02/14/14 12:30
L1403540-02	SB002 (0-2)	LONG IS. CITY, NY	02/14/14 10:15
L1403540-03	SB003 0-2	LONG IS. CITY, NY	02/14/14 10:40
L1403540-04	FD001	LONG IS. CITY, NY	02/14/14 13:30
L1403540-05	GW001 (1-3')	LONG IS. CITY, NY	02/14/14 12:50
L1403540-06	GW002 (1-3')	LONG IS. CITY, NY	02/14/14 10:50

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

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 all of the requirements of NELAC, for all NELAC accredited parameters. 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. 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. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for 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: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

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

L1403540-01 through -04: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Semivolatile Organics

L1403540-04 and -06 have elevated detection limits due to the dilutions required by the sample matrices.

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: Michelle M. Morris

Title: Technical Director/Representative Date: 02/21/14

ORGANICS

VOLATILES

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-01	Date Collected:	02/14/14 12:30
Client ID:	SB001 (0-2)	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	02/19/14 11:26		
Analyst:	BN		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.13	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.12	1
p/m-Xylene	ND		ug/kg	2.4	0.38	1
o-Xylene	ND		ug/kg	2.4	0.32	1
n-Butylbenzene	ND		ug/kg	1.2	0.23	1
sec-Butylbenzene	ND		ug/kg	1.2	0.24	1
tert-Butylbenzene	ND		ug/kg	5.9	0.66	1
Isopropylbenzene	ND		ug/kg	1.2	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.22	1
Naphthalene	8.6		ug/kg	5.9	0.90	1
n-Propylbenzene	ND		ug/kg	1.2	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.9	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.9	0.67	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	77		70-130

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-02	Date Collected:	02/14/14 10:15
Client ID:	SB002 (0-2)	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	02/19/14 11:55		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.12	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.12	1
p/m-Xylene	ND		ug/kg	2.2	0.36	1
o-Xylene	ND		ug/kg	2.2	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.22	1
sec-Butylbenzene	ND		ug/kg	1.1	0.23	1
tert-Butylbenzene	ND		ug/kg	5.5	0.62	1
Isopropylbenzene	ND		ug/kg	1.1	0.19	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.21	1
Naphthalene	5.3	J	ug/kg	5.5	0.85	1
n-Propylbenzene	ND		ug/kg	1.1	0.14	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.5	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.5	0.64	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	98		70-130

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-03	Date Collected:	02/14/14 10:40
Client ID:	SB003 0-2	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	02/19/14 12:23		
Analyst:	BN		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.14	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.13	1
p/m-Xylene	ND		ug/kg	2.4	0.40	1
o-Xylene	ND		ug/kg	2.4	0.33	1
n-Butylbenzene	ND		ug/kg	1.2	0.24	1
sec-Butylbenzene	ND		ug/kg	1.2	0.25	1
tert-Butylbenzene	ND		ug/kg	6.1	0.69	1
Isopropylbenzene	ND		ug/kg	1.2	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.23	1
Naphthalene	1.9	J	ug/kg	6.1	0.94	1
n-Propylbenzene	ND		ug/kg	1.2	0.15	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	101		70-130

Project Name: 45-35 11TH ST
Project Number: SHI1401
Lab Number: L1403540
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-04
Client ID: FD001
Sample Location: LONG IS. CITY, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 02/19/14 12:51
Analyst: BN
Percent Solids: 61%

Date Collected: 02/14/14 13:30
Date Received: 02/14/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16	3.3	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.29	1
Chloroform	ND		ug/kg	2.5	0.61	1
Carbon tetrachloride	ND		ug/kg	1.6	0.35	1
1,2-Dichloropropane	ND		ug/kg	5.8	0.38	1
Dibromochloromethane	ND		ug/kg	1.6	0.51	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.50	1
Tetrachloroethene	ND		ug/kg	1.6	0.23	1
Chlorobenzene	ND		ug/kg	1.6	0.57	1
Trichlorofluoromethane	ND		ug/kg	8.2	0.20	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.38	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.21	1
1,1-Dichloropropene	ND		ug/kg	8.2	0.75	1
Bromoform	ND		ug/kg	6.6	0.68	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.28	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.5	0.18	1
Ethylbenzene	ND		ug/kg	1.6	0.24	1
Chloromethane	ND		ug/kg	8.2	1.3	1
Bromomethane	ND		ug/kg	3.3	0.56	1
Vinyl chloride	ND		ug/kg	3.3	0.23	1
Chloroethane	ND		ug/kg	3.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.35	1
Trichloroethene	ND		ug/kg	1.6	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	8.2	0.30	1
1,3-Dichlorobenzene	ND		ug/kg	8.2	0.30	1
1,4-Dichlorobenzene	ND		ug/kg	8.2	0.40	1

Project Name: 45-35 11TH ST **Lab Number:** L1403540

Project Number: SHI1401 **Report Date:** 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-04 Date Collected: 02/14/14 13:30

Client ID: FD001 Date Received: 02/14/14

Sample Location: LONG IS. CITY, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.3	0.17	1
p/m-Xylene	ND		ug/kg	3.3	0.53	1
o-Xylene	ND		ug/kg	3.3	0.45	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.25	1
Dibromomethane	ND		ug/kg	16	0.27	1
Styrene	ND		ug/kg	3.3	0.51	1
Dichlorodifluoromethane	ND		ug/kg	16	0.36	1
Acetone	140		ug/kg	16	5.1	1
Carbon disulfide	ND		ug/kg	16	3.3	1
2-Butanone	12	J	ug/kg	16	0.59	1
Vinyl acetate	ND		ug/kg	16	0.79	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.40	1
1,2,3-Trichloropropane	ND		ug/kg	16	0.37	1
2-Hexanone	ND		ug/kg	16	0.31	1
Bromochloromethane	ND		ug/kg	8.2	0.32	1
2,2-Dichloropropane	ND		ug/kg	8.2	0.37	1
1,2-Dibromoethane	ND		ug/kg	6.6	0.29	1
1,3-Dichloropropane	ND		ug/kg	8.2	0.28	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.6	0.52	1
Bromobenzene	ND		ug/kg	8.2	0.34	1
n-Butylbenzene	ND		ug/kg	1.6	0.33	1
sec-Butylbenzene	ND		ug/kg	1.6	0.34	1
tert-Butylbenzene	ND		ug/kg	8.2	0.92	1
o-Chlorotoluene	ND		ug/kg	8.2	0.26	1
p-Chlorotoluene	ND		ug/kg	8.2	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.2	1.3	1
Hexachlorobutadiene	ND		ug/kg	8.2	0.70	1
Isopropylbenzene	ND		ug/kg	1.6	0.28	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.32	1
Naphthalene	ND		ug/kg	8.2	1.3	1
Acrylonitrile	ND		ug/kg	16	0.39	1
n-Propylbenzene	ND		ug/kg	1.6	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.2	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.2	1.3	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.2	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	8.2	0.94	1
1,4-Dioxane	ND		ug/kg	160	29.	1
1,4-Diethylbenzene	ND		ug/kg	6.6	0.26	1
4-Ethyltoluene	ND		ug/kg	6.6	0.19	1

Project Name: 45-35 11TH ST **Lab Number:** L1403540

Project Number: SHI1401 **Report Date:** 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-04 Date Collected: 02/14/14 13:30

Client ID: FD001 Date Received: 02/14/14

Sample Location: LONG IS. CITY, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.6	0.21	1
Ethyl ether	ND		ug/kg	8.2	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	8.2	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	99		70-130

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-05	Date Collected:	02/14/14 12:50
Client ID:	GW001 (1-3')	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	02/19/14 00:41		
Analyst:	MS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	11		ug/l	2.5	0.70	1
n-Propylbenzene	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-06	Date Collected:	02/14/14 10:50
Client ID:	GW002 (1-3')	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	02/19/14 01:16		
Analyst:	MS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
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
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
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
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.5	J	ug/l	2.5	0.70	1
n-Propylbenzene	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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	100		70-130

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/19/14 07:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG671144-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
1,1-Dichloropropene	ND		ug/kg	5.0	0.46
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/19/14 07:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG671144-3					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
Vinyl acetate	ND		ug/kg	10	0.48
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.22
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
2,2-Dichloropropane	ND		ug/kg	5.0	0.22
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
1,3-Dichloropropane	ND		ug/kg	5.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
tert-Butylbenzene	ND		ug/kg	5.0	0.56
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.15
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Hexachlorobutadiene	ND		ug/kg	5.0	0.42
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
Naphthalene	ND		ug/kg	5.0	0.77

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/19/14 07:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG671144-3					
Acrylonitrile	ND		ug/kg	10	0.24
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	0.91
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	0.49	J	ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Ethyl Acetate	ND		ug/kg	20	0.82
Acrolein	ND		ug/kg	25	9.2
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	0.38
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.45
Methyl cyclohexane	ND		ug/kg	4.0	1.3
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.42
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.58

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/19/14 07:40
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG671144-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/18/14 20:03
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG671145-3					
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	0.13
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
1,1-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	0.14
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	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
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

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/18/14 20:03
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG671145-3					
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
cis-1,2-Dichloroethene	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	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
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
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

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/18/14 20:03
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-06 Batch: WG671145-3					
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	41.
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
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	108		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG671144-1 WG671144-2								
Methylene chloride	101		100		70-130	1		30
1,1-Dichloroethane	103		100		70-130	3		30
Chloroform	103		99		70-130	4		30
Carbon tetrachloride	107		100		70-130	7		30
1,2-Dichloropropane	104		103		70-130	1		30
Dibromochloromethane	93		93		70-130	0		30
2-Chloroethylvinyl ether	104		103		70-130	1		30
1,1,2-Trichloroethane	100		100		70-130	0		30
Tetrachloroethene	99		93		70-130	6		30
Chlorobenzene	100		96		70-130	4		30
Trichlorofluoromethane	111		104		70-139	7		30
1,2-Dichloroethane	102		104		70-130	2		30
1,1,1-Trichloroethane	103		97		70-130	6		30
Bromodichloromethane	102		100		70-130	2		30
trans-1,3-Dichloropropene	96		96		70-130	0		30
cis-1,3-Dichloropropene	99		99		70-130	0		30
1,1-Dichloropropene	108		100		70-130	8		30
Bromoform	88		88		70-130	0		30
1,1,2,2-Tetrachloroethane	102		103		70-130	1		30
Benzene	100		98		70-130	2		30
Toluene	98		94		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG671144-1 WG671144-2								
Ethylbenzene	102		97		70-130	5		30
Chloromethane	83		79		52-130	5		30
Bromomethane	125		117		57-147	7		30
Vinyl chloride	93		86		67-130	8		30
Chloroethane	101		97		50-151	4		30
1,1-Dichloroethene	100		95		65-135	5		30
trans-1,2-Dichloroethene	100		97		70-130	3		30
Trichloroethene	104		100		70-130	4		30
1,2-Dichlorobenzene	102		100		70-130	2		30
1,3-Dichlorobenzene	104		100		70-130	4		30
1,4-Dichlorobenzene	106		102		70-130	4		30
Methyl tert butyl ether	90		91		66-130	1		30
p/m-Xylene	101		96		70-130	5		30
o-Xylene	98		95		70-130	3		30
cis-1,2-Dichloroethene	99		95		70-130	4		30
Dibromomethane	98		99		70-130	1		30
Styrene	99		96		70-130	3		30
Dichlorodifluoromethane	69		66		30-146	4		30
Acetone	99		100		54-140	1		30
Carbon disulfide	96		91		59-130	5		30
2-Butanone	92		97		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG671144-1 WG671144-2								
Vinyl acetate	90		91		70-130	1		30
4-Methyl-2-pentanone	90		94		70-130	4		30
1,2,3-Trichloropropane	103		103		68-130	0		30
2-Hexanone	78		81		70-130	4		30
Bromochloromethane	95		97		70-130	2		30
2,2-Dichloropropane	101		95		70-130	6		30
1,2-Dibromoethane	92		93		70-130	1		30
1,3-Dichloropropane	97		98		69-130	1		30
1,1,1,2-Tetrachloroethane	98		95		70-130	3		30
Bromobenzene	96		93		70-130	3		30
n-Butylbenzene	119		112		70-130	6		30
sec-Butylbenzene	110		104		70-130	6		30
tert-Butylbenzene	105		100		70-130	5		30
o-Chlorotoluene	115		110		70-130	4		30
p-Chlorotoluene	108		105		70-130	3		30
1,2-Dibromo-3-chloropropane	90		93		68-130	3		30
Hexachlorobutadiene	103		97		67-130	6		30
Isopropylbenzene	104		99		70-130	5		30
p-Isopropyltoluene	109		103		70-130	6		30
Naphthalene	93		97		70-130	4		30
Acrylonitrile	96		98		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG671144-1 WG671144-2								
Isopropyl Ether	98		97		66-130	1		30
tert-Butyl Alcohol	86		93		70-130	8		30
n-Propylbenzene	109		104		70-130	5		30
1,2,3-Trichlorobenzene	98		99		70-130	1		30
1,2,4-Trichlorobenzene	105		104		70-130	1		30
1,3,5-Trimethylbenzene	106		101		70-130	5		30
1,2,4-Trimethylbenzene	106		102		70-130	4		30
Methyl Acetate	89		92		51-146	3		30
Ethyl Acetate	82		86		70-130	5		30
Acrolein	86		89		70-130	3		30
Cyclohexane	113		106		59-142	6		30
1,4-Dioxane	100		104		65-136	4		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	114		106		50-139	7		30
1,4-Diethylbenzene	112		106		70-130	6		30
4-Ethyltoluene	108		103		70-130	5		30
1,2,4,5-Tetramethylbenzene	104		102		70-130	2		30
Tetrahydrofuran	85		87		66-130	2		30
Ethyl ether	90		92		67-130	2		30
trans-1,4-Dichloro-2-butene	105		107		70-130	2		30
Methyl cyclohexane	112		105		70-130	6		30
Ethyl-Tert-Butyl-Ether	94		95		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 45-35 11TH ST

Project Number: SHI1401

Lab Number: L1403540

Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG671144-1 WG671144-2								
Tertiary-Amyl Methyl Ether	91		91		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		104		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	101		101		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 45-35 11TH ST

Project Number: SHI1401

Lab Number: L1403540

Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG671145-1 WG671145-2								
Methylene chloride	122		124		70-130	2		20
1,1-Dichloroethane	113		116		70-130	3		20
Chloroform	113		115		70-130	2		20
Carbon tetrachloride	115		116		63-132	1		20
1,2-Dichloropropane	113		116		70-130	3		20
Dibromochloromethane	114		118		63-130	3		20
1,1,2-Trichloroethane	114		123		70-130	8		20
Tetrachloroethene	112		113		70-130	1		20
Chlorobenzene	110		113		75-130	3		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	118		122		70-130	3		20
1,1,1-Trichloroethane	115		118		67-130	3		20
Bromodichloromethane	114		116		67-130	2		20
trans-1,3-Dichloropropene	114		119		70-130	4		20
cis-1,3-Dichloropropene	117		120		70-130	3		20
1,1-Dichloropropene	116		119		70-130	3		20
Bromoform	107		112		54-136	5		20
1,1,2,2-Tetrachloroethane	115		120		67-130	4		20
Benzene	111		114		70-130	3		20
Toluene	110		111		70-130	1		20
Ethylbenzene	112		115		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG671145-1 WG671145-2								
Chloromethane	111		118		64-130	6		20
Bromomethane	92		104		39-139	12		20
Vinyl chloride	129		135		55-140	5		20
Chloroethane	109		118		55-138	8		20
1,1-Dichloroethene	115		119		61-145	3		20
trans-1,2-Dichloroethene	114		115		70-130	1		20
Trichloroethene	113		118		70-130	4		20
1,2-Dichlorobenzene	112		113		70-130	1		20
1,3-Dichlorobenzene	113		112		70-130	1		20
1,4-Dichlorobenzene	111		112		70-130	1		20
Methyl tert butyl ether	118		123		63-130	4		20
p/m-Xylene	114		115		70-130	1		20
o-Xylene	114		115		70-130	1		20
cis-1,2-Dichloroethene	115		115		70-130	0		20
Dibromomethane	121		128		70-130	6		20
1,2,3-Trichloropropane	109		117		64-130	7		20
Acrylonitrile	127		130		70-130	2		20
Styrene	117		118		70-130	1		20
Dichlorodifluoromethane	111		114		36-147	3		20
Acetone	119		123		58-148	3		20
Carbon disulfide	115		122		51-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG671145-1 WG671145-2								
2-Butanone	118		128		63-138	8		20
Vinyl acetate	115		126		70-130	9		20
4-Methyl-2-pentanone	113		120		59-130	6		20
2-Hexanone	106		113		57-130	6		20
Bromochloromethane	119		120		70-130	1		20
2,2-Dichloropropane	119		119		63-133	0		20
1,2-Dibromoethane	115		121		70-130	5		20
1,3-Dichloropropane	115		118		70-130	3		20
1,1,1,2-Tetrachloroethane	113		112		64-130	1		20
Bromobenzene	110		112		70-130	2		20
n-Butylbenzene	115		114		53-136	1		20
sec-Butylbenzene	115		116		70-130	1		20
tert-Butylbenzene	112		113		70-130	1		20
o-Chlorotoluene	112		111		70-130	1		20
p-Chlorotoluene	112		112		70-130	0		20
1,2-Dibromo-3-chloropropane	109		119		41-144	9		20
Hexachlorobutadiene	110		111		63-130	1		20
Isopropylbenzene	108		109		70-130	1		20
p-Isopropyltoluene	114		114		70-130	0		20
Naphthalene	118		129		70-130	9		20
n-Propylbenzene	110		112		69-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 45-35 11TH ST

Project Number: SHI1401

Lab Number: L1403540

Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-06 Batch: WG671145-1 WG671145-2								
1,2,3-Trichlorobenzene	116		125		70-130	7		20
1,2,4-Trichlorobenzene	117		120		70-130	3		20
1,3,5-Trimethylbenzene	112		112		64-130	0		20
1,2,4-Trimethylbenzene	114		114		70-130	0		20
1,4-Dioxane	142		148		56-162	4		20
1,4-Diethylbenzene	114		114		70-130	0		20
4-Ethyltoluene	112		111		70-130	1		20
1,2,4,5-Tetramethylbenzene	112		112		70-130	0		20
Ethyl ether	117		122		59-134	4		20
trans-1,4-Dichloro-2-butene	111		116		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		106		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	103		104		70-130

SEMIVOLATILES

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-01 D	Date Collected:	02/14/14 12:30
Client ID:	SB001 (0-2)	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	02/15/14 10:50
Analytical Date:	02/20/14 01:47		
Analyst:	JB		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1700		ug/kg	300	78.	2
Fluoranthene	11000		ug/kg	230	70.	2
Naphthalene	1600		ug/kg	380	130	2
Benzo(a)anthracene	4200		ug/kg	230	75.	2
Benzo(a)pyrene	3700		ug/kg	300	93.	2
Benzo(b)fluoranthene	4500		ug/kg	230	77.	2
Benzo(k)fluoranthene	1800		ug/kg	230	73.	2
Chrysene	4600		ug/kg	230	75.	2
Acenaphthylene	470		ug/kg	300	71.	2
Anthracene	2600		ug/kg	230	63.	2
Benzo(ghi)perylene	1900		ug/kg	300	79.	2
Fluorene	1800		ug/kg	380	110	2
Phenanthrene	14000		ug/kg	230	74.	2
Dibenzo(a,h)anthracene	540		ug/kg	230	74.	2
Indeno(1,2,3-cd)Pyrene	2100		ug/kg	300	85.	2
Pyrene	9200		ug/kg	230	74.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	75		30-120
4-Terphenyl-d14	64		18-120

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-02	D2	Date Collected:	02/14/14 10:15
Client ID:	SB002 (0-2)		Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY		Field Prep:	Not Specified
Matrix:	Soil		Extraction Method:	EPA 3546
Analytical Method:	1,8270D		Extraction Date:	02/15/14 10:50
Analytical Date:	02/20/14 17:55			
Analyst:	JB			
Percent Solids:	90%			

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	26000		ug/kg	1100	330	10
Phenanthrene	32000		ug/kg	1100	360	10
Pyrene	22000		ug/kg	1100	350	10

Project Name: 45-35 11TH ST **Lab Number:** L1403540

Project Number: SHI1401 **Report Date:** 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-02 D	Date Collected:	02/14/14 10:15
Client ID:	SB002 (0-2)	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	02/15/14 10:50
Analytical Date:	02/20/14 02:13		
Analyst:	JB		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4300		ug/kg	290	75.	2
Fluoranthene	26000	E	ug/kg	220	67.	2
Naphthalene	2500		ug/kg	360	120	2
Benzo(a)anthracene	9500		ug/kg	220	71.	2
Benzo(a)pyrene	8200		ug/kg	290	89.	2
Benzo(b)fluoranthene	10000		ug/kg	220	74.	2
Benzo(k)fluoranthene	3600		ug/kg	220	70.	2
Chrysene	10000		ug/kg	220	72.	2
Acenaphthylene	860		ug/kg	290	68.	2
Anthracene	6100		ug/kg	220	61.	2
Benzo(ghi)perylene	4400		ug/kg	290	76.	2
Fluorene	3600		ug/kg	360	100	2
Phenanthrene	32000	E	ug/kg	220	71.	2
Dibenzo(a,h)anthracene	1100		ug/kg	220	70.	2
Indeno(1,2,3-cd)Pyrene	4800		ug/kg	290	81.	2
Pyrene	22000	E	ug/kg	220	71.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	74		30-120
4-Terphenyl-d14	71		18-120

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-03	Date Collected:	02/14/14 10:40
Client ID:	SB003 0-2	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	02/15/14 10:50
Analytical Date:	02/20/14 02:38		
Analyst:	JB		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	41.	1
Fluoranthene	200		ug/kg	120	37.	1
Naphthalene	ND		ug/kg	200	66.	1
Benzo(a)anthracene	83	J	ug/kg	120	39.	1
Benzo(a)pyrene	70	J	ug/kg	160	49.	1
Benzo(b)fluoranthene	96	J	ug/kg	120	40.	1
Benzo(k)fluoranthene	ND		ug/kg	120	38.	1
Chrysene	80	J	ug/kg	120	39.	1
Acenaphthylene	ND		ug/kg	160	37.	1
Anthracene	53	J	ug/kg	120	33.	1
Benzo(ghi)perylene	50	J	ug/kg	160	41.	1
Fluorene	ND		ug/kg	200	57.	1
Phenanthrene	110	J	ug/kg	120	39.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	39.	1
Indeno(1,2,3-cd)Pyrene	52	J	ug/kg	160	44.	1
Pyrene	200		ug/kg	120	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	68		30-120
4-Terphenyl-d14	59		18-120

Project Name: 45-35 11TH ST **Lab Number:** L1403540

Project Number: SHI1401 **Report Date:** 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-04 D	Date Collected:	02/14/14 13:30
Client ID:	FD001	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	02/15/14 10:50
Analytical Date:	02/20/14 01:22		
Analyst:	JB		
Percent Solids:	61%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	2200	560	10
1,2,4-Trichlorobenzene	ND		ug/kg	2700	890	10
Hexachlorobenzene	ND		ug/kg	1600	510	10
Bis(2-chloroethyl)ether	ND		ug/kg	2400	760	10
2-Chloronaphthalene	ND		ug/kg	2700	890	10
1,2-Dichlorobenzene	ND		ug/kg	2700	900	10
1,3-Dichlorobenzene	ND		ug/kg	2700	860	10
1,4-Dichlorobenzene	ND		ug/kg	2700	830	10
3,3'-Dichlorobenzidine	ND		ug/kg	2700	730	10
2,4-Dinitrotoluene	ND		ug/kg	2700	590	10
2,6-Dinitrotoluene	ND		ug/kg	2700	700	10
Fluoranthene	ND		ug/kg	1600	500	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2700	830	10
4-Bromophenyl phenyl ether	ND		ug/kg	2700	630	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	3300	960	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2900	830	10
Hexachlorobutadiene	ND		ug/kg	2700	770	10
Hexachlorocyclopentadiene	ND		ug/kg	7800	1800	10
Hexachloroethane	ND		ug/kg	2200	500	10
Isophorone	ND		ug/kg	2400	730	10
Naphthalene	ND		ug/kg	2700	910	10
Nitrobenzene	ND		ug/kg	2400	650	10
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	2200	570	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2700	810	10
Bis(2-Ethylhexyl)phthalate	1900	J	ug/kg	2700	720	10
Butyl benzyl phthalate	ND		ug/kg	2700	530	10
Di-n-butylphthalate	ND		ug/kg	2700	530	10
Di-n-octylphthalate	ND		ug/kg	2700	670	10
Diethyl phthalate	ND		ug/kg	2700	580	10
Dimethyl phthalate	ND		ug/kg	2700	690	10
Benzo(a)anthracene	ND		ug/kg	1600	530	10

Project Name: 45-35 11TH ST **Lab Number:** L1403540

Project Number: SHI1401 **Report Date:** 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-04 D Date Collected: 02/14/14 13:30

Client ID: FD001 Date Received: 02/14/14

Sample Location: LONG IS. CITY, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)pyrene	ND		ug/kg	2200	670	10
Benzo(b)fluoranthene	ND		ug/kg	1600	550	10
Benzo(k)fluoranthene	ND		ug/kg	1600	520	10
Chrysene	ND		ug/kg	1600	540	10
Acenaphthylene	ND		ug/kg	2200	510	10
Anthracene	ND		ug/kg	1600	450	10
Benzo(ghi)perylene	ND		ug/kg	2200	570	10
Fluorene	ND		ug/kg	2700	780	10
Phenanthrene	ND		ug/kg	1600	530	10
Dibenzo(a,h)anthracene	ND		ug/kg	1600	530	10
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	2200	610	10
Pyrene	ND		ug/kg	1600	530	10
Biphenyl	ND		ug/kg	6200	900	10
4-Chloroaniline	ND		ug/kg	2700	720	10
2-Nitroaniline	ND		ug/kg	2700	770	10
3-Nitroaniline	ND		ug/kg	2700	750	10
4-Nitroaniline	ND		ug/kg	2700	740	10
Dibenzofuran	ND		ug/kg	2700	910	10
2-Methylnaphthalene	ND		ug/kg	3300	870	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2700	840	10
Acetophenone	ND		ug/kg	2700	850	10
2,4,6-Trichlorophenol	ND		ug/kg	1600	510	10
P-Chloro-M-Cresol	ND		ug/kg	2700	790	10
2-Chlorophenol	ND		ug/kg	2700	820	10
2,4-Dichlorophenol	ND		ug/kg	2400	880	10
2,4-Dimethylphenol	ND		ug/kg	2700	810	10
2-Nitrophenol	ND		ug/kg	5900	850	10
4-Nitrophenol	ND		ug/kg	3800	880	10
2,4-Dinitrophenol	ND		ug/kg	13000	3700	10
4,6-Dinitro-o-cresol	ND		ug/kg	7100	1000	10
Pentachlorophenol	ND		ug/kg	2200	580	10
Phenol	ND		ug/kg	2700	810	10
2-Methylphenol	ND		ug/kg	2700	880	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	3900	900	10
2,4,5-Trichlorophenol	ND		ug/kg	2700	880	10
Benzoic Acid	ND		ug/kg	8800	2800	10
Benzyl Alcohol	ND		ug/kg	2700	840	10
Carbazole	ND		ug/kg	2700	590	10

Project Name: 45-35 11TH ST **Lab Number:** L1403540

Project Number: SHI1401 **Report Date:** 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-04 D Date Collected: 02/14/14 13:30

Client ID: FD001 Date Received: 02/14/14

Sample Location: LONG IS. CITY, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	61		0-136
4-Terphenyl-d14	43		18-120

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-05	Date Collected:	02/14/14 12:50
Client ID:	GW001 (1-3')	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	02/18/14 10:16
Analytical Date:	02/19/14 13:52		
Analyst:	MW		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	5.4		ug/l	0.20	0.06	1
Fluoranthene	0.62		ug/l	0.20	0.04	1
Naphthalene	1.6		ug/l	0.20	0.06	1
Benzo(a)anthracene	0.09	J	ug/l	0.20	0.06	1
Benzo(a)pyrene	ND		ug/l	0.20	0.07	1
Benzo(b)fluoranthene	0.07	J	ug/l	0.20	0.07	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07	1
Chrysene	0.10	J	ug/l	0.20	0.05	1
Acenaphthylene	ND		ug/l	0.20	0.05	1
Anthracene	0.40		ug/l	0.20	0.06	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.07	1
Fluorene	0.84		ug/l	0.20	0.06	1
Phenanthrene	1.4		ug/l	0.20	0.06	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08	1
Pyrene	0.43		ug/l	0.20	0.06	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	57		15-120
4-Terphenyl-d14	66		41-149

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID:	L1403540-06 D	Date Collected:	02/14/14 10:50
Client ID:	GW002 (1-3')	Date Received:	02/14/14
Sample Location:	LONG IS. CITY, NY	Field Prep:	Not Specified
Matrix:	Water	Extraction Method:	EPA 3510C
Analytical Method:	1,8270D-SIM	Extraction Date:	02/18/14 10:16
Analytical Date:	02/19/14 15:13		
Analyst:	MW		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	2.6		ug/l	0.40	0.13	2
Fluoranthene	0.96		ug/l	0.40	0.09	2
Naphthalene	0.21	J	ug/l	0.40	0.13	2
Benzo(a)anthracene	0.11	J	ug/l	0.40	0.11	2
Benzo(a)pyrene	ND		ug/l	0.40	0.14	2
Benzo(b)fluoranthene	ND		ug/l	0.40	0.14	2
Benzo(k)fluoranthene	ND		ug/l	0.40	0.14	2
Chrysene	0.10	J	ug/l	0.40	0.10	2
Acenaphthylene	ND		ug/l	0.40	0.10	2
Anthracene	0.24	J	ug/l	0.40	0.13	2
Benzo(ghi)perylene	ND		ug/l	0.40	0.14	2
Fluorene	0.66		ug/l	0.40	0.11	2
Phenanthrene	0.97		ug/l	0.40	0.13	2
Dibenzo(a,h)anthracene	ND		ug/l	0.40	0.15	2
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.40	0.16	2
Pyrene	0.67		ug/l	0.40	0.11	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	88		15-120
4-Terphenyl-d14	117		41-149

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/17/14 11:20
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 02/15/14 10:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG670616-1					
Acenaphthene	ND		ug/kg	130	34.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	98	32.

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/17/14 11:20
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 02/15/14 10:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG670616-1					
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	60.
Pentachlorophenol	ND		ug/kg	130	35.

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/17/14 11:20
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 02/15/14 10:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG670616-1					
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	96		0-136
4-Terphenyl-d14	92		18-120

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 02/19/14 11:25
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 02/18/14 10:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-06 Batch: WG670952-1					
Acenaphthene	ND		ug/l	0.20	0.06
2-Chloronaphthalene	ND		ug/l	0.20	0.07
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.07
Naphthalene	ND		ug/l	0.20	0.06
Benzo(a)anthracene	ND		ug/l	0.20	0.06
Benzo(a)pyrene	ND		ug/l	0.20	0.07
Benzo(b)fluoranthene	ND		ug/l	0.20	0.07
Benzo(k)fluoranthene	ND		ug/l	0.20	0.07
Chrysene	ND		ug/l	0.20	0.05
Acenaphthylene	ND		ug/l	0.20	0.05
Anthracene	ND		ug/l	0.20	0.06
Benzo(ghi)perylene	ND		ug/l	0.20	0.07
Fluorene	ND		ug/l	0.20	0.06
Phenanthrene	ND		ug/l	0.20	0.06
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.07
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.08
Pyrene	ND		ug/l	0.20	0.06
2-Methylnaphthalene	ND		ug/l	0.20	0.06
Pentachlorophenol	ND		ug/l	0.80	0.19
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.07

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 02/19/14 11:25
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 02/18/14 10:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-06 Batch: WG670952-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	65		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG670616-2 WG670616-3								
Acenaphthene	85		80		31-137	6		50
1,2,4-Trichlorobenzene	85		78		38-107	9		50
Hexachlorobenzene	97		90		40-140	7		50
Bis(2-chloroethyl)ether	80		71		40-140	12		50
2-Chloronaphthalene	90		81		40-140	11		50
1,2-Dichlorobenzene	86		75		40-140	14		50
1,3-Dichlorobenzene	85		75		40-140	13		50
1,4-Dichlorobenzene	82		75		28-104	9		50
3,3'-Dichlorobenzidine	47		42		40-140	11		50
2,4-Dinitrotoluene	88		**90**	Q	28-89	2		50
2,6-Dinitrotoluene	98		86		40-140	13		50
Fluoranthene	92		81		40-140	13		50
4-Chlorophenyl phenyl ether	86		82		40-140	5		50
4-Bromophenyl phenyl ether	94		87		40-140	8		50
Bis(2-chloroisopropyl)ether	74		65		40-140	13		50
Bis(2-chloroethoxy)methane	88		79		40-117	11		50
Hexachlorobutadiene	84		76		40-140	10		50
Hexachlorocyclopentadiene	79		67		40-140	16		50
Hexachloroethane	84		72		40-140	15		50
Isophorone	89		79		40-140	12		50
Naphthalene	83		76		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG670616-2 WG670616-3								
Nitrobenzene	82		70		40-140	16		50
NitrosoDiPhenylAmine(NDPA)/DPA	91		87			4		50
n-Nitrosodi-n-propylamine	88		79		32-121	11		50
Bis(2-Ethylhexyl)phthalate	92		85		40-140	8		50
Butyl benzyl phthalate	91		80		40-140	13		50
Di-n-butylphthalate	90		78		40-140	14		50
Di-n-octylphthalate	92		80		40-140	14		50
Diethyl phthalate	86		82		40-140	5		50
Dimethyl phthalate	88		80		40-140	10		50
Benzo(a)anthracene	88		81		40-140	8		50
Benzo(a)pyrene	90		81		40-140	11		50
Benzo(b)fluoranthene	89		81		40-140	9		50
Benzo(k)fluoranthene	84		79		40-140	6		50
Chrysene	88		79		40-140	11		50
Acenaphthylene	92		81		40-140	13		50
Anthracene	87		78		40-140	11		50
Benzo(ghi)perylene	87		81		40-140	7		50
Fluorene	88		83		40-140	6		50
Phenanthrene	85		79		40-140	7		50
Dibenzo(a,h)anthracene	93		82		40-140	13		50
Indeno(1,2,3-cd)Pyrene	93		83		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG670616-2 WG670616-3								
Pyrene	86		78		35-142	10		50
Biphenyl	86		79			8		50
4-Chloroaniline	**31**	Q	**27**	Q	40-140	14		50
2-Nitroaniline	98		84		47-134	15		50
3-Nitroaniline	40		36		26-129	11		50
4-Nitroaniline	88		85		41-125	3		50
Dibenzofuran	84		83		40-140	1		50
2-Methylnaphthalene	89		81		40-140	9		50
1,2,4,5-Tetrachlorobenzene	88		80		40-117	10		50
Acetophenone	92		82		14-144	11		50
2,4,6-Trichlorophenol	100		87		30-130	14		50
P-Chloro-M-Cresol	95		85		26-103	11		50
2-Chlorophenol	92		81		25-102	13		50
2,4-Dichlorophenol	96		83		30-130	15		50
2,4-Dimethylphenol	87		78		30-130	11		50
2-Nitrophenol	95		83		30-130	13		50
4-Nitrophenol	100		93		11-114	7		50
2,4-Dinitrophenol	84		81		4-130	4		50
4,6-Dinitro-o-cresol	91		85		10-130	7		50
Pentachlorophenol	95		85		17-109	11		50
Phenol	85		74		26-90	14		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 45-35 11TH ST

Project Number: SHI1401

Lab Number: L1403540

Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG670616-2 WG670616-3								
2-Methylphenol	93		81		30-130.	14		50
3-Methylphenol/4-Methylphenol	96		83		30-130	15		50
2,4,5-Trichlorophenol	102		87		30-130	16		50
Benzoic Acid	93		79			16		50
Benzyl Alcohol	90		81		40-140	11		50
Carbazole	90		80		54-128	12		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	90		79		25-120
Phenol-d6	91		83		10-120
Nitrobenzene-d5	86		76		23-120
2-Fluorobiphenyl	90		81		30-120
2,4,6-Tribromophenol	93		83		0-136
4-Terphenyl-d14	87		81		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-06 Batch: WG670952-2 WG670952-3								
Acenaphthene	65		66		37-111	2		40
2-Chloronaphthalene	58		60		40-140	3		40
Fluoranthene	65		69		40-140	6		40
Hexachlorobutadiene	54		53		40-140	2		40
Naphthalene	60		59		40-140	2		40
Benzo(a)anthracene	65		71		40-140	9		40
Benzo(a)pyrene	67		70		40-140	4		40
Benzo(b)fluoranthene	66		67		40-140	2		40
Benzo(k)fluoranthene	72		75		40-140	4		40
Chrysene	68		73		40-140	7		40
Acenaphthylene	67		67		40-140	0		40
Anthracene	57		62		40-140	8		40
Benzo(ghi)perylene	66		66		40-140	0		40
Fluorene	66		68		40-140	3		40
Phenanthrene	57		56		40-140	2		40
Dibenzo(a,h)anthracene	69		69		40-140	0		40
Indeno(1,2,3-cd)Pyrene	69		69		40-140	0		40
Pyrene	63		68		26-127	8		40
2-Methylnaphthalene	63		62		40-140	2		40
Pentachlorophenol	83		87		9-103	5		40
Hexachlorobenzene	61		66		40-140	8		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 45-35 11TH ST

Project Number: SHI1401

Lab Number: L1403540

Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-06 Batch: WG670952-2 WG670952-3								
Hexachloroethane	60		61		40-140	2		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		46		21-120
Phenol-d6	33		33		10-120
Nitrobenzene-d5	69		68		23-120
2-Fluorobiphenyl	64		64		15-120
2,4,6-Tribromophenol	70		74		10-120
4-Terphenyl-d14	77		83		41-149

METALS

Project Name: 45-35 11TH ST
Lab Number: L1403540
Project Number: SHI1401
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-04
Client ID: FD001
Sample Location: LONG IS. CITY, NY
Matrix: Soil
Percent Solids: 61%

Date Collected: 02/14/14 13:30
Date Received: 02/14/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	12		mg/kg	0.62	0.12	1	02/17/14 11:51	02/17/14 18:34	EPA 3050B	1,6010C	MG
Barium, Total	120		mg/kg	0.62	0.18	1	02/17/14 11:51	02/17/14 18:34	EPA 3050B	1,6010C	MG
Cadmium, Total	1.3		mg/kg	0.62	0.04	1	02/17/14 11:51	02/17/14 18:34	EPA 3050B	1,6010C	MG
Chromium, Total	93		mg/kg	0.62	0.12	1	02/17/14 11:51	02/17/14 18:34	EPA 3050B	1,6010C	MG
Lead, Total	270		mg/kg	3.1	0.12	1	02/17/14 11:51	02/17/14 18:34	EPA 3050B	1,6010C	MG
Mercury, Total	0.31		mg/kg	0.10	0.02	1	02/18/14 13:18	02/18/14 15:47	EPA 7471B	1,7471B	MC
Selenium, Total	ND		mg/kg	1.2	0.18	1	02/17/14 11:51	02/17/14 18:34	EPA 3050B	1,6010C	MG
Silver, Total	2.6		mg/kg	0.62	0.12	1	02/17/14 11:51	02/17/14 18:34	EPA 3050B	1,6010C	MG

Project Name: 45-35 11TH ST
Project Number: SHI1401
Lab Number: L1403540
Report Date: 02/21/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 04 Batch: WG670761-1										
Arsenic, Total	ND		mg/kg	0.40	0.08	1	02/17/14 11:51	02/17/14 17:03	1,6010C	MG
Barium, Total	ND		mg/kg	0.40	0.12	1	02/17/14 11:51	02/17/14 17:03	1,6010C	MG
Cadmium, Total	ND		mg/kg	0.40	0.03	1	02/17/14 11:51	02/17/14 17:03	1,6010C	MG
Chromium, Total	ND		mg/kg	0.40	0.08	1	02/17/14 11:51	02/17/14 17:03	1,6010C	MG
Lead, Total	ND		mg/kg	2.0	0.08	1	02/17/14 11:51	02/17/14 17:03	1,6010C	MG
Selenium, Total	ND		mg/kg	0.80	0.12	1	02/17/14 11:51	02/17/14 17:03	1,6010C	MG
Silver, Total	ND		mg/kg	0.40	0.08	1	02/17/14 11:51	02/17/14 17:03	1,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 04 Batch: WG670927-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	02/18/14 13:18	02/18/14 15:11	1,7471B	MC

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 45-35 11TH ST

Project Number: SHI1401

Lab Number: L1403540

Report Date: 02/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 Batch: WG670761-2 SRM Lot Number: 0518-10-02								
Arsenic, Total	94		-		81-119	-		
Barium, Total	92		-		83-118	-		
Cadmium, Total	89		-		82-117	-		
Chromium, Total	92		-		80-119	-		
Lead, Total	92		-		80-120	-		
Selenium, Total	95		-		80-120	-		
Silver, Total	94		-		66-134	-		
Total Metals - Westborough Lab Associated sample(s): 04 Batch: WG670927-2 SRM Lot Number: 0518-10-02								
Mercury, Total	124		-		67-133	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG670761-4 QC Sample: L1403554-01 Client ID: MS Sample												
Arsenic, Total	1.9	10.8	12	93		-	-		75-125	-		35
Barium, Total	26.	181	190	91		-	-		75-125	-		35
Cadmium, Total	ND	4.61	4.0	87		-	-		75-125	-		35
Chromium, Total	7.3	18.1	24	92		-	-		75-125	-		35
Lead, Total	20.	46.1	54	**74**	Q	-	-		75-125	-		35
Selenium, Total	ND	10.8	9.2	85		-	-		75-125	-		35
Silver, Total	ND	27.1	24	88		-	-		75-125	-		35
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG670927-4 QC Sample: L1403463-02 Client ID: MS Sample												
Mercury, Total	0.17	0.184	0.39	120		-	-		80-120	-		35

Lab Duplicate Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG670761-3 QC Sample: L1403554-01 Client ID: DUP Sample						
Arsenic, Total	1.9	1.4	mg/kg	30		35
Barium, Total	26.	22	mg/kg	17		35
Cadmium, Total	ND	ND	mg/kg	NC		35
Chromium, Total	7.3	6.5	mg/kg	12		35
Lead, Total	20.	10	mg/kg	**67**	Q	35
Selenium, Total	ND	ND	mg/kg	NC		35
Silver, Total	ND	ND	mg/kg	NC		35
Total Metals - Westborough Lab Associated sample(s): 04 QC Batch ID: WG670927-3 QC Sample: L1403463-02 Client ID: DUP Sample						
Mercury, Total	0.17	0.15	mg/kg	13		35

INORGANICS
&
MISCELLANEOUS

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-01
Client ID: SB001 (0-2)
Sample Location: LONG IS. CITY, NY
Matrix: Soil

Date Collected: 02/14/14 12:30
Date Received: 02/14/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.0		%	0.100	NA	1	-	02/17/14 19:21	30,2540G	RT

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-02
Client ID: SB002 (0-2)
Sample Location: LONG IS. CITY, NY
Matrix: Soil

Date Collected: 02/14/14 10:15
Date Received: 02/14/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.1		%	0.100	NA	1	-	02/17/14 19:21	30,2540G	RT

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-03
Client ID: SB003 0-2
Sample Location: LONG IS. CITY, NY
Matrix: Soil

Date Collected: 02/14/14 10:40
Date Received: 02/14/14
Field Prep: Not Specified

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	-	02/17/14 19:21	30,2540G	RT

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

SAMPLE RESULTS

Lab ID: L1403540-04
Client ID: FD001
Sample Location: LONG IS. CITY, NY
Matrix: Soil

Date Collected: 02/14/14 13:30
Date Received: 02/14/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.6		%	0.100	NA	1	-	02/17/14 19:21	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG670842-1 QC Sample: L1403524-01 Client ID: DUP Sample						
Solids, Total	79.4	78.1	%	2		20

Project Name: 45-35 11TH ST
Project Number: SHI1401

Lab Number: L1403540
Report Date: 02/21/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1403540-01A	Vial Large Septa unpreserved	A	N/A	4.9	Y	Absent	NYTCL-8270(14),TS(7)
L1403540-01B	Vial Large unpreserved split	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-02A	Vial Large Septa unpreserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-02B	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	NYTCL-8270(14),TS(7)
L1403540-03A	Vial Large Septa unpreserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-03B	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	NYTCL-8270(14),TS(7)
L1403540-04A	Vial Large Septa unpreserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-04B	Amber 250ml unpreserved	A	N/A	4.9	Y	Absent	NYTCL-8270(14),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TS(7),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1403540-05A	Vial HCl preserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-05B	Vial HCl preserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-05C	Vial HCl preserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-05D	Amber 1000ml unpreserved	A	7	4.9	Y	Absent	NYTCL-8270-SIM(7)
L1403540-06A	Vial HCl preserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-06B	Vial HCl preserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-06C	Vial HCl preserved	A	N/A	4.9	Y	Absent	NYTCL-8260(14)
L1403540-06D	Amber 1000ml unpreserved	A	7	4.9	Y	Absent	NYTCL-8270-SIM(7)
L1403540-06E	Amber 1000ml unpreserved	A	7	4.9	Y	Absent	NYTCL-8270-SIM(7)

Container Comments

L1403540-01B

L1403540-02A

L1403540-03A

L1403540-04A

*Values in parentheses indicate holding time in days

Project Name:	45-35 11TH ST	**Lab Number:**	L1403540
Project Number:	SHI1401	**Report Date:**	02/21/14

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.

NI - Not Ignitable.

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.

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.

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 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.

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	45-35 11TH ST	**Lab Number:**	L1403540
Project Number:	SHI1401	**Report Date:**	02/21/14

Data Qualifiers

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:	45-35 11TH ST	**Lab Number:**	L1403540
Project Number:	SHI1401	**Report Date:**	02/21/14

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

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

Last revised December 11, 2013

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, 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, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 2/14/14

ALPHA Job #: L1403590

Client Information

Client: PW Grosser Consulting
Address: 630 Johnson Ave
Bohemia, NY 11716
Phone: 631-589-6353
Fax:
Email: RockyW@pwgrosser.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 45-35 11th St
Project Location: Long Is. City, NY
Project #: SHI1401
Project Manager: Rocky Wenskus
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 2/21/14 Time:

Report Information - Data Deliverables

☐ FAX ☑ EMAIL
☐ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: VOC (CP-51) | SVOC (CP-51) | VOC | SVOC | RCRA Metals

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC (CP-51)	SVOC (CP-51)	VOC	SVOC	RCRA Metals	Sample Specific Comments	TOTAL # BOTTLES
03540.01	SB001 (0-2)	2/14/14	12:30	S	JM	X	X					1
.02	SB002 (0-2)		10:15			X	X					2
.03	SB003 0-2		10:40			X	X					2
.04	FD001		13:30					X	X	X		2
.05	GW001 (1-3')		12:50	GW		X	X					4
.06	GW002 (1-3')		10:50			X	X					5

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
Tom Tolan	2/14/14 16:00		2-14-14 16:00
	2-14-14 1937	Tom Tolan	2-14-14 1937
Tom Tolan	2-14-14 23:20		2/14/14 23:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

PHASE I

ENVIRONMENTAL

SITE ASSESSMENT

June 16, 2014

Site Identification:	**45-35 11th Street Queens, New York City, New York**
Tax Lot Identification:	**Block 54, Lot 20**
Property Description:	**0.3-acre property containing one, one- and two-story commercial building**

ESI File: GQ14076.10

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, NY 12603
phone 845.452.1658 | fax 845.485.7083 | ecosystemsstrategies.com

Ecosystems Strategies, Inc.

PHASE I

ENVIRONMENTAL

SITE ASSESSMENT

June 16, 2014

ESI File: GQ14076.10

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

GDC Properties
245 Saw Mill River Road
Hawthorne, New York 10532

Phase I Environmental Site Assessment services performed by Ecosystems Strategies, Inc. have been conducted in accordance with ASTM Method E 1527-13.

The undersigned has reviewed this Phase I Environmental Site Assessment and certifies to GDC Properties that the information provided in this document is accurate as of the date of issuance by this office.

Paul H. Ciminello
President

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D City Directory Abstracts
E Previous Environmental Reports
F Regulatory Review Database Report
G Qualifications of Environmental Professional(s)
H Scope of Services

EXECUTIVE SUMMARY

Ecosystems Strategies, Inc. (ESI) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527-13 on the property located at 45-35 12th Street, Long Island City, Borough of Queens, New York City, New York.

The goal of a Phase I ESA is to identify Recognized Environmental Conditions (RECs), including Controlled RECs and Historical RECs (see Section 1.4 for definitions of important terms). In addition to RECs, ESI has attempted to identify:

1. Conditions that do not meet the threshold to be considered a REC but nonetheless represent a significant existing and/or likely environmental liability; and,
2. De minimis conditions that generally do not present a significant threat and would not be the subject of an enforcement action if brought to the attention of regulatory authorities.

ESI's findings, conclusions and recommendations are presented in Section 4.0 of this Phase I ESA and are summarized below.

Subject Property Description and History

The subject property is an approximately 0.3-acre commercial parcel located in an urban setting, which may have been developed as early as the 1920s. The current on-site building, constructed circa 1948, has been used as a warehouse and manufacturing facility, and is designated as an "E" restricted site, due to the potential for soil, soil gas, and groundwater contamination. Elevated concentrations of SVOCs and metals in soil, and low-level impacts from naphthalene in groundwater, were documented during a previous limited subsurface investigation in 2013 (SVOCs were found near an abandoned-in-place vaulted AST and metals were found near an inactive floor drain). Although current commercial use of the property is not likely to represent a significant environmental threat, these findings suggest that previous manufacturing activities may have impacted the property. The AST does not appear to be registered with the NYSDEC and there is no documentation of proper tank closure.

Recognized Environmental Conditions

RECs Identified in Connection with the Subject Property	Recommendations
Potential for petroleum releases at an abandoned fuel-oil aboveground storage tank (AST) and documented soil contamination in the vicinity of the AST and a closed floor drain	Documented contamination near the AST and floor drain should be further delineated during future environmental investigations conducted to satisfy requirements associated with the E designation.

HRECs and Significant Existing or Potential Environmental Liabilities

ESI has identified no HRECS or other conditions indicating significant existing or potential environmental liabilities

De Minimis Conditions

Identified or Suspect Condition	Recommendations
Storage of small quantities of paints and chemicals	Properly store containers; maintain appropriate absorbent materials in all areas where releases could potentially occur
Asbestos-containing materials (ACM) and lead-based paint (LBP)	Test suspect material encountered during maintenance, renovation, or demolition for ACM and/or LBP; handle all known or suspect materials in accordance with applicable regulations
Hydraulic machinery may contain PCBs	Test suspect material encountered during maintenance, renovation, or demolition for PCBs; handle all known or suspect materials in accordance with applicable regulations

1.0 INTRODUCTION

1.1 Purpose of the Investigation

This Phase I Environmental Site Assessment (Phase I ESA) identifies recognized environmental conditions (RECs) and/or other significant environmental liabilities resulting from or associated with the storage, use, transport, or disposal of hazardous or regulated materials on the property located at 45-35 11th Street, Queens, New York City, New York (property descriptions are presented in Sections 2.1 and 3.3.2).

1.2 Methodology

This Phase I ESA has been prepared in conformance with guidelines set forth by the American Society for Testing and Materials (ASTM) Method E1527-13 (with the exception that the basement could not be fully inspected due to the presence of water). The detailed Scope of Services adhered to in this investigation is provided as Appendix H. This environmental site assessment was performed under the direct supervision and responsible charge of a qualified environmental professional (see Appendix G), following the requirements for "all appropriate inquiry" as defined in 40 CFR Part 312.

Ecosystems Strategies, Inc. (ESI) performed the following work:

1. Investigation of the subject property's history and characteristics through the analysis of available historical maps, local and regional maps, local governmental and/or Tribal records, and information provided by subject property representatives and other knowledgeable individuals (see Section 5.0 for references).
2. Review of Federal, State, and/or Tribal regulatory-agency computer databases and printed records for documentation of potential environmental liabilities relevant to the property, consistent with (or exceeding) applicable ASTM requirements.
3. Inspection of the property by Jerry Bernau of ESI on June 3, 2014 (Paul J. Yuras, the real estate agent, was present during the site inspection).

1.3 Limitations

This Phase I ESA is an evaluation of the property described in Section 2.1 below and is not valid for any other property or location. It is a representation of the property analyzed as of the dates that services were provided. This Phase I ESA cannot be held accountable for activities or events resulting in environmental liability after the respective dates of the site inspection or historical and regulatory research.

This Phase I ESA is based in part on certain information provided in writing or verbally by federal, state, and local officials (including public records) and other parties referenced herein. The accuracy or completeness of this information was not independently verified. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgment.

1.4 Key Definitions

Definitions of some common terms found in ASTM Standard 1527-13, as used in this Phase I ESA, are provided below.

Practically Reviewable

Information that is provided by a source in a manner and in a form that yields information relevant to the property without the need for extraordinary analysis of irrelevant data is Practically Reviewable. Records must be for a limited geographic area. Records arranged chronologically, lacking adequate address information to be located geographically, in large databases that are not sorted by zip code, or are so numerous to be unmanageable are not generally practically reviewable (i.e. data cannot be feasibly reviewed for its impact on the property).

Reasonably Ascertainable

Information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable is Reasonably Ascertainable.

Recognized Environmental Condition (REC)

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

A material threat is a physically observable or obvious threat which is reasonably likely to lead to a release that is threatening and might result in impact to public health or the environment.

The term includes hazardous substances or petroleum products even under conditions in compliance with laws.

De minimis conditions (i.e. conditions that generally do not present a threat to human health or the environment and would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies) are not RECs.

Controlled Recognized Environmental Condition (CREC)

A REC resulting from a past release that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (legal or physical restrictions or limitations on the use of, or access to, a site or facility to reduce or eliminate potential exposure to remaining contaminants, or to prevent activities that could interfere with the effectiveness of a response action).

Historical Recognized Environmental Condition (HREC)

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).

2.0 SITE LOCATION AND DESCRIPTION

2.1 Description of the Subject Property

The subject property as defined in this Phase I ESA consists of the approximately 0.3-acre property located at 45-35 11th Street, Queens, New York (identified as Borough of Queens tax lot parcel: Block 54, Lot 20). A Site Location Map is provided on Page 7.

The property is a rectangular-shaped parcel located on eastern side of 11th Street, southern side of 45th Road, and northern side of 46th Avenue, containing one, one- and two-story commercial building. A map illustrating the layout of the property is provided on Page 8 and photographs of the property are provided in Appendix A.

2.1.1 Site Topography

Information on the subject property's topography was obtained from the review of the United States Geological Survey Topographic Map of the Brooklyn, New York Quadrangle (a copy of the relevant portion of this map, with the subject property indicated, is provided in Appendix B).

The property is located within an area with gentle downward slopes to the west, towards the East River. The property is shown with a surface elevation of 10 feet above mean sea level. No on-site structures are depicted on the map (the property is located in an urban area where only selected landmark buildings are depicted). The map did not indicate the presence of any soil/gravel mining operations or unusual topographic patterns indicative of landfilling activities on the subject property.

Observations made during the site inspection are in general agreement with conditions depicted on the topographic map.

2.1.2 Site Geology

A review of the Geologic Map of New York and the Surficial Geologic Map of New York (lower Hudson sheets) indicates that soils on the subject property are likely to be derived from glacial till which overlies hard crystalline bedrock. Soil maps presented in the New York City Reconnaissance Soil Survey (Soil Survey), issued by the New York City Soil and Water Conservation District, indicate that the Pavement & Buildings, wet substratum-LaGuardia-Ebbets complex, 0 to 8 percent slopes soil series is present at the subject property. These soils consist of urbanized land with a mix of natural soil and fill materials constructed over swamp, tidal march, or water, with up to 80 percent impervious structures covering the surface. [Note: the Soil Survey provides only a general guide to soil patterns across the city.] The presence of an on-site structure suggests that soils located on the property may have been altered by cutting, regrading and/or filling activities.

The Soil Survey does not provide information regarding depth to bedrock for these soils. No bedrock was observed on the property.

A Limited Phase II Environmental Site Assessment issued for the subject property in March 2013 (see Section 3.1.7, Previous Environmental Reports) documented subsurface material beneath the basement floor consisting of variable texture sand with silt and gravel, overlying a boggy organic layer at 2' bsg.

No other information regarding site-specific investigations of the subsurface (e.g., test pits or borings) was found in readily available records or was provided by subject property representatives.

2.1.3 Subsurface Hydrogeology

The Soil Survey does not specifically indicate groundwater depth information for on-site soils. A previous Phase II investigation (see Section 3.1.7, Previous Environmental Reports) documented that groundwater is present at 2 feet below the basement floor (approximately 10 feet below surface grade [bsg]). No other data documenting groundwater depth, or site-specific investigation of groundwater direction of flow, has been reviewed by this office. Shallow groundwater flow in the vicinity of the property is likely to follow overall surficial topography and be to the west, toward the East River (located approximately 0.2 mile from the property).

2.1.4 Surface Hydrology and Wetlands

Information regarding on-site surface hydrology was obtained from the review of applicable maps, including the New York State Department of Environmental Conservation (NYSDEC) Freshwater Wetlands Map and the United States Department of the Interior National Wetlands Inventory Map, and from observations made during the site inspection. According to these sources, there are no surface waterbodies, wet areas, or regulated wetlands on or near the property. Relevant portions of the state and federal wetlands maps are included in Appendix B.

Flood Plains

According to the National Flood Insurance Program Flood Insurance Rate Map (FIRM) for New York City, New York, community-panel number 3604970202F, the subject property is located in a 500-year flood plain.

2.1.5 Sensitive Environmental Receptors

Sensitive Environmental Receptors (SERs) are valued physical, biological and/or man-made features that may be adversely impacted by environmental contamination, and where a discharge or release could pose a greater threat than a discharge or release to other less valued areas. SERs include (but are not limited to) potable supply wells, wetlands, and protected wildlife habitat.

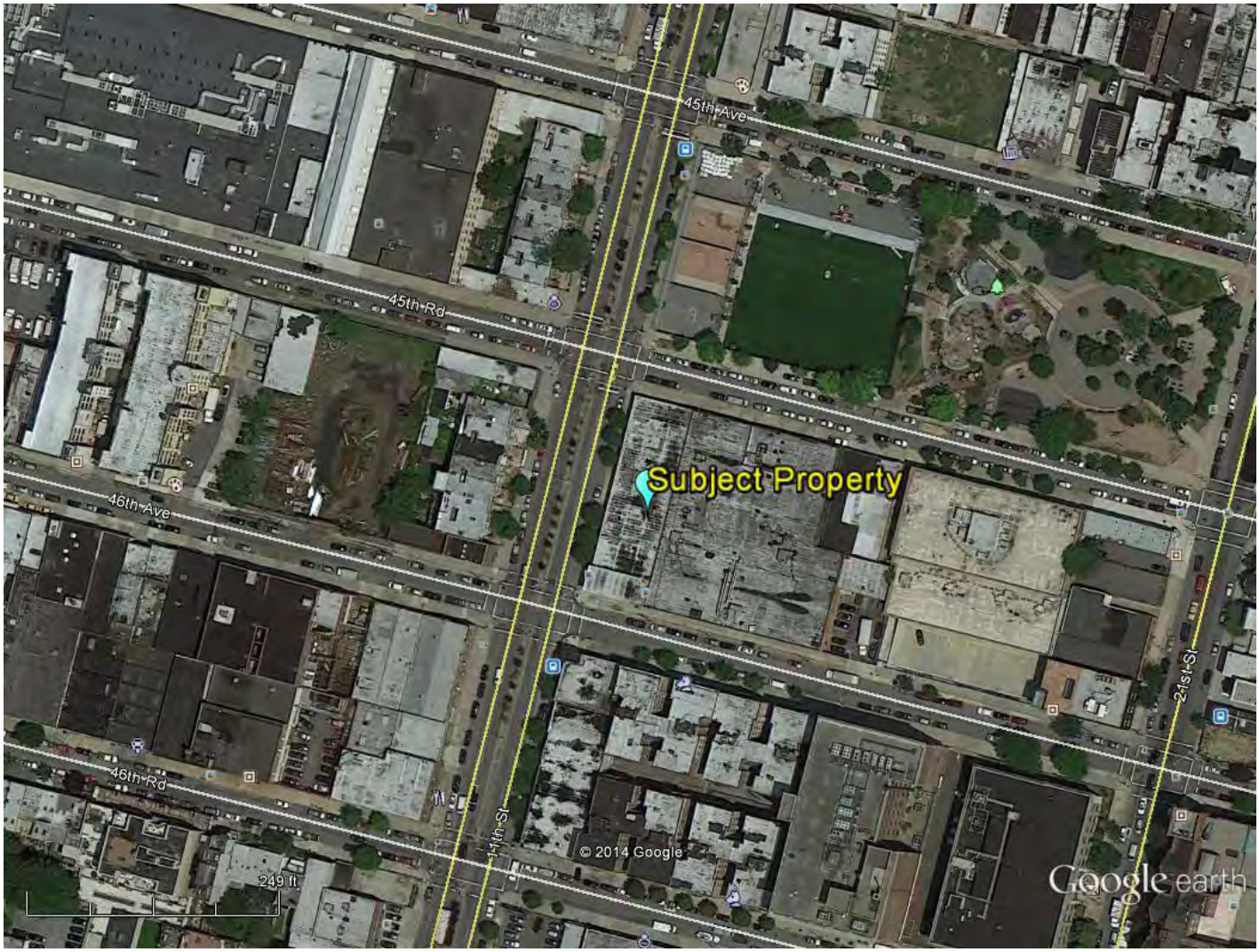
The review of maps and observations made during the site inspection indicate that no SERs are located on or in the immediate vicinity of the subject property.

2.2 Description of Adjoining and Surrounding Area Properties

The subject property is located in an urban area comprised primarily of multi-family residential and commercial properties. A description of the adjoining and nearby properties is provided in Table 1, below.

Table 1: Land Uses in the Vicinity of the Subject Property

Direction	Adjoining Use(s)	Vicinity Use(s)
North	• John F. Murray Playground	• Commercial • Residential
East	• Shine Electronics, manufacturing	• Commercial
South	• Multi-family residential	• Commercial • Residential
West	• Multi-family residential	• Commercial • Residential

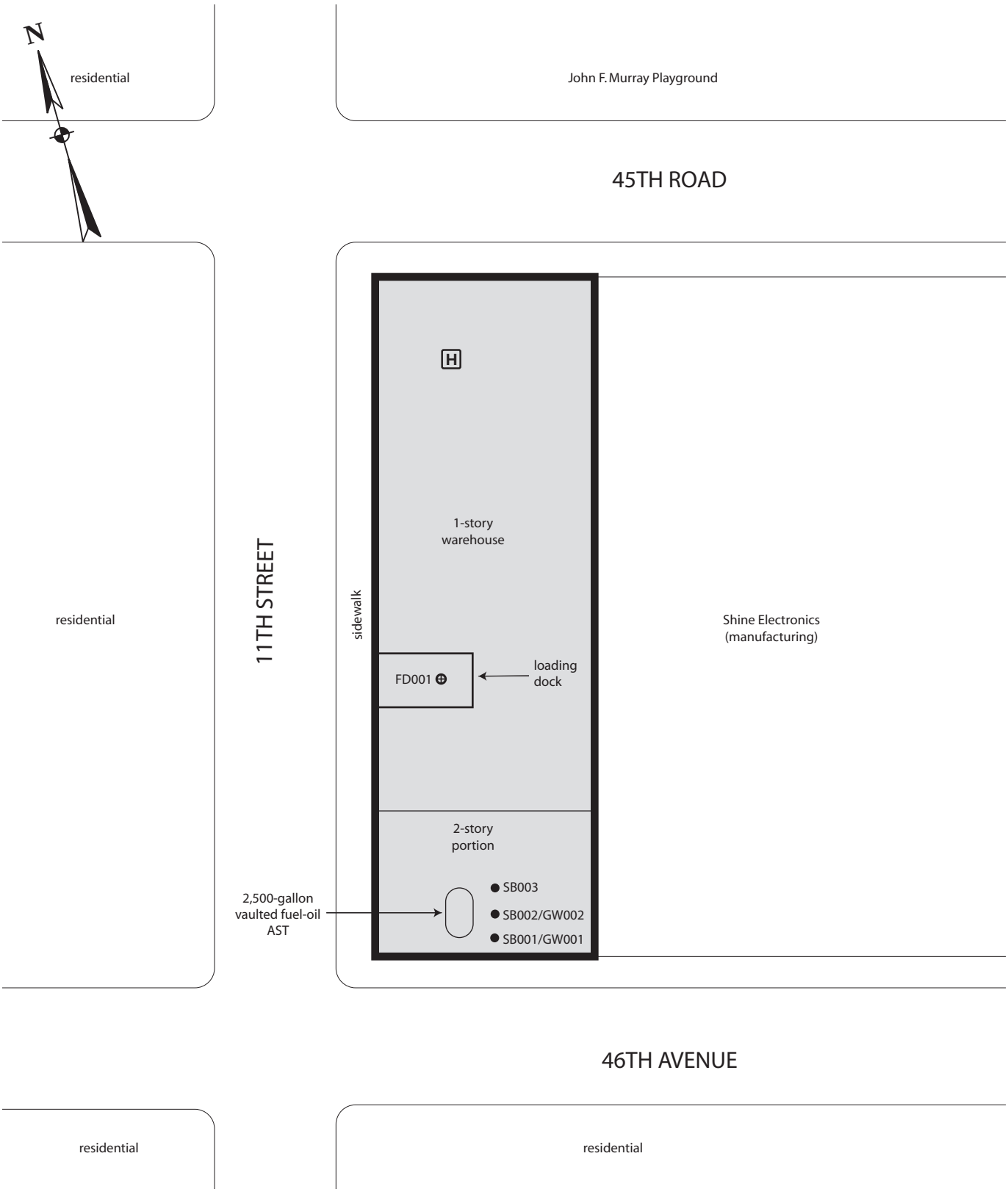


Site Location Map
45-35 11TH Street
Long Island City
Queens County, New York

N

ESI File: GQ14076.10

June 2014



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

Selected Site Features Map

45-35 11th Street
Long Island City, New York

Legend:

- subject property border
- H — hydraulic equipment
- floor drain and previous (PWG) boring location
- previous (PWG) boring/groundwater sampling locations

ESI File: GQ14076.10

June 2014

Scale: 1" = 40' approximately

3.0 INVESTIGATION

3.1 Site History

The history of the subject property was researched using interviews with knowledgeable individuals, and reviews of ownership records, historical maps, and local records. This review included both standard ASTM environmental record sources and additional sources (if such sources were judged to be reasonably ascertainable and sufficiently useful, accurate, and complete in light of the objective of the records review). Refer to Sections 3.1.3, 3.1.4 and 3.3.2.1 for Site Ownership and Site Use information.

ASTM Practice E 1527-13 requires that all obvious uses of the property must be identified from the present back to the property's first developed use (inclusive of agricultural activities), or back to 1940, whichever is earlier. This requires reviewing only as many historical sources as are necessary and both reasonably ascertainable and likely to be useful. As an example, if the property was not developed until 1960, it would still be necessary to attempt to confirm that it was undeveloped back to 1940.

Reasonably ascertainable historical records document that the subject property may have been developed as early as the 1920s and that the current structure was built circa 1948 [see Sections 3.1.1 through 3.1.7, below, for details regarding site history].

3.1.1 User-Reported Information

ASTM Practice E 1527-13, Section 6, requires that the User (the party seeking to complete the environmental site assessment of the property) provide specific information to the Environmental Professional in order to meet the requirements for "all appropriate inquiry."

Michael Orlandi, representing GDC Properties (the User), has responded to a questionnaire provided by ESI, which requested information regarding the subject property as specified in Section 6. Mr. Orlandi indicated that he was aware of previous environmental reports prepared for the subject property in March 2013 and March 2014 and provided a copy of them for review (see section 3.1.7, Previous Environmental Reports). Mr. Orlandi had no other specialized knowledge or experience, actual knowledge, or knowledge of commonly known or reasonably ascertainable information regarding: 1) information material to recognized environmental conditions or other environmental liabilities in connection with the property; 2) the results of a review of title and/or judicial records for environmental liens/AULs; or, 3) reason(s) for a purchase price that does not reasonably reflect fair market value because of known or suspected contamination.

Mr. Orlandi did not state the reason why GDC Properties wanted to have the Phase I Environmental Site Assessment performed, and ESI therefore assumes that the reason is to qualify for one or more Landowner Liability Protections (LLPs) to CERCLA liability.

3.1.2 Interview with Key Site Manager and Occupants

Paul Yuras (real estate agent) was identified as a Key Site Manager for the subject property. Mr. Yuras was interviewed by ESI personnel regarding the topics detailed in the User Questionnaire (see Section 3.1.1, above), and was additionally asked to provide specific information regarding property features, site history and use, and commonly known information related to the property. Mr. Yuras provided ESI personnel with information regarding on-site utilities as well as the recent history of the property. Mr. Yuras had no other specialized knowledge or experience, actual knowledge, or knowledge of commonly known or reasonably ascertainable information regarding potential environmental conditions and/or liabilities in connection with the property. No other commonly known or reasonably ascertainable

information has been obtained which documents the nature of any previously known or unknown environmental conditions and/or liabilities in connection with the property.

Michael Sheldon (commercial tenant, Wayland Industries) was identified as an occupant of the subject property and was additionally interviewed by ESI personnel regarding property features and site history and use. Mr. Sheldon indicated that Wayland Industries uses the property as a wire spool warehouse and distribution depot**.** Pertinent information from this interview is provided in relevant report sections, where appropriate.

3.1.3 Ownership Records

Property ownership information, based on a review of a title search provided by Michael Orlandi and New York City computerized City Register records, is presented in Table 2, below.

Table 2: Ownership Information

Parcel ID	Owner	Date of Conveyance
Block 54, Lot 20	Paul Horwitz	8/29/2013
	Karen Horwitz	4/8/1981
	11th Street Realty, Corporation/ Saul and Pauline Goldsmith	Unknown

3.1.4 Sanborn Fire Insurance Maps

A summary of the information obtained from the review of historical Sanborn Fire Insurance Company Maps dated 1898, 1915, 1936, 1947, 1950, 1970, 1977, 1979, 1980, 1985, 1986, 1988 to 1996, 1999, and 2001 to 2006 is provided below. Copies of relevant Sanborn maps (with the subject property indicated) are provided in Appendix C.

1898: Municipal water is available to the property. No petroleum or chemical bulk storage tanks are noted on the subject property, adjoining properties, or in the surrounding area. The subject property and adjoining properties consist of vacant lots. The surrounding area is moderately developed with residential structures.

1915: There are no significant changes on the subject property. The adjoining properties to the west are now developed with several two-story residential structures (likely to be existing buildings observed during the site inspection). The surrounding area is increasingly well developed with residential structures, with some commercial and manufacturing uses.

1936: There are no significant changes on the subject property. The adjoining property to the southeast contains a four-story residential structure (likely to be the existing building observed during the site inspection). The adjoining properties to the west and the adjoining property to the northwest now contain several automobile garages. The adjoining property to the southwest now contains a building with manufacturing uses and office space. The surrounding area is well developed with residential, commercial, and manufacturing sites.

1947: There are no significant changes on the subject property. The adjoining property to the northwest is now used for “chemical research”. There are no other significant changes noted on adjoining properties, or the surrounding area.

1950: There are no significant changes on the subject property or adjoining properties. The surrounding area is increasingly well developed with manufacturing uses.

1970: The subject property now contains one, one and two-story structure, likely commercial. This structure matches the current structure in shape and location. The adjoining property to the north is designated as the "John F. Murray Playground." The adjoining property to the east contains a single story structure with clothing manufacturing, paper coating, and storage uses (likely to be the existing building observed during the site inspection). The adjoining property south now contains a single story structure, likely for manufacturing or commercial use. The surrounding area is now very well developed with residential, commercial, and manufacturing use.

1977-1979: There are no significant changes on the subject property. The adjoining property to the south is noted with manufacturing use. There are no other significant changes on adjoining properties or the surrounding area.

1980: There are no significant changes on the subject property. The adjoining property to the north is now noted as "John F. Murray Playground". There are no other significant changes on adjoining properties, or the surrounding area.

1985-2006: There are no significant changes on the subject property, adjoining properties, or the surrounding area.

3.1.5 City Directory Abstracts

A review of city directory abstracts for 1934, 1939, 1945, 1950, 1962, 1967, 1970, 1976, 1983, 1991, 1996, 2000, 2005, 2008, and 2013 indicate the subject property as the location of the following organizations:

- Wayland Industries, Inc. in 2000, 2005, 2008, and 2013;
- Assembly Process Co. Inc. in 2008.

The city directory abstracts indicate the adjoining properties to the south and east as past and present manufacturing and industrial sites. The adjoining properties to the southeast and west are noted as past and present residential sites.

No other information pertinent to the environmental integrity of the subject property was present in these records. A copy of the City Directory Abstracts is provided in Appendix D.

3.1.6 Municipal and Regulatory Agency Records

City Register Records

New York City Register computerized ownership records for the subject property were reviewed on May 28, 2014. No information pertinent to the environmental integrity of the subject property was contained in these records. A summary of the readily available property ownership information is provided in Table 2.

Assessor's Office Records

New York City Assessor's Office computerized data for the subject property were accessed on May 28, 2014 using the Center for Urban Research's Open Accessible Space Information System (OASIS). According to these records, the subject property contains a single story industrial structure built in 1948.

No other information pertinent to the environmental integrity of the subject property was present in these records.

Building Department Records

Block and Lot Records

New York City computerized Building Department Block and Lot records for the subject property were reviewed on May 28, 2014. Permits for a new building were issued in 1923 and 1954, alteration permits were issued in 1921, 1927 and 1966. A certificate of occupancy was issued for on-site warehouse and office use in 1956. A certificate of occupancy was issued for on-site warehouse, manufacturing, and office use in 1966. No other pertinent records were noted.

The subject property has an "E" restriction for Hazardous Materials and Air.

Environmental Control Board (ECB) Violations

A review of computerized Building Department records indicates there are no open ECB violations relating to the environmental integrity of the subject property.

Local Agency Interviews

Health Department

A request was made on May 28, 2014 to search available New York City Department of Health and Mental Hygiene records for information regarding the subject property. No response from this agency has been received by this office as of the date of this Phase I ESA.

3.1.7 Previous Environmental Reports

ESI was provided with copies of a Limited Phase II Environmental Site Assessment prepared for property by P.W. Grosser Consulting, Inc. in March 2013 (PWG Phase II) and a Phase I Environmental Site Assessment prepared for the property by Middleton Environmental, Inc. in March 2014 (MEI Phase I).

The PWG Phase II documented subsurface soils beneath the basement floor consisting of variable texture sand with silt and gravel, overlying a boggy organic layer at 2' below the basement floor. Groundwater was noted at 2 feet below the basement floor. No signs of gross soil contamination were noted.

Three soil borings were extended in the vicinity of a vaulted aboveground storage tank (AST) located in the basement of the on-site structure and the collection of soil from the base of an abandoned floor drain located in the loading dock. Soils in the vicinity of the AST were tested for volatile and semi-volatile organic compounds (VOCs/SVOCs), NYSDEC CP-51 petroleum list. Floor drain soils were tested for the full VOC/SVOC list and RCRA metals. Soil borings were extended approximately 5 feet below the basement slab, with samples collected from 0 to 2 feet. Two of the soil borings in the vicinity of the AST were completed as temporary monitoring wells. Groundwater samples were collected and analyzed for VOCs and SVOCs, NYSDEC CP-51 petroleum list.

Laboratory testing of soil and groundwater samples indicated the presence of subsurface contamination in the vicinity of the AST. Trace concentrations of one VOC, naphthalene, were detected in all three soil samples. Elevated concentrations of SVOCs were detected at soil samples SB001 and SB002, with peak concentrations at SB002. Slightly elevated concentrations of naphthalene were detected in groundwater sample SB001 and trace SVOCs were detected in both groundwater samples SB001 and SB002.

The sample collected from the floor drain sample contained elevated concentrations of one VOC, acetone, and elevated concentrations of metals (chromium, lead, mercury, and silver). Cadmium was also detected, but at a level below NYSDEC "unrestricted use" soil cleanup objectives.

The MEI Phase I noted the following in the basement of the building: a "petro-meter" associated with a 2,500-gallon fuel-oil AST located behind a concrete wall, and a sump drain reportedly discharging to the municipal wastewater system. The report indicated that the AST was abandoned in-place several years ago. Potential asbestos-containing pipe wrap (approximately 50 feet) was noted in the warehouse portion of the structure.

Relevant information from these documents is cited in this Phase I ESA as appropriate.

Copies of these reports are provided in Appendix E.

3.2 Review of Federal and State Agency Records

Federal and state computer databases and printed records were reviewed for documentation of environmental conditions and/or liabilities relevant to the property.

3.2.1 Methodology

The following ASTM Standard Environmental Record Sources (as available for the subject property's locality) were reviewed (search distances are consistent with, or exceed, ASTM requirements).

Federal National Priority List (1.0 mile) and delisted National Priority List sites (0.5 mile)
Federal CERCLIS list and CERCLIS NFRAP site list (0.5 mile)
Federal RCRA CORRACTS facilities list (1.0 mile)
Federal RCRA non-CORRACTS TSD facilities list (0.5 mile)
Federal RCRA generators list (subject/adjoining properties)
Federal ERNS list (subject property)
Federal, State, and Tribal Institutional Control / Engineering Control registries (subject property)
State- and Tribal-equivalent NPL (1.0 mile)
State- and Tribal-equivalent CERCLIS (0.5 mile)
State and Tribal Brownfield and voluntary cleanup sites (0.5 mile)
State and Tribal leaking storage tank lists (0.5 mile)
State (including locally administered) and Tribal registered storage tank lists (subject/adjoining)
State and Tribal landfill and/or solid waste disposal site lists (0.5 mile)

The following Additional Environmental Record Sources (as available for the subject property's locality) were reviewed in order to enhance and supplement the review of standard sources:

State spill file records (0.125 mile)
State MOSF list (0.5 mile)
State radon data (by local municipality as available)
Federal and State wastewater discharge permits (subject/adjoining properties)

A copy of relevant portions of a database search conducted by Environmental Data Resources, Inc. (EDR) for ESI is provided in Appendix F. Not all of the sites contained in the attached database search may be referenced below; some sites may have been excluded based on either ASTM requirements, ESI's scope of services or professional opinion, and/or information obtained during the review of historical records and the site inspection. Some information may have been deemed to not be practically reviewable (e.g., records lack adequate address information). Sites or additional information not included in the database search may also be referenced based on ESI's knowledge of the subject property area.

Where sites have been identified within the specified approximate minimum search distances, ESI's opinion is presented as to any possible impacts that might result in RECs in connection with the subject property, arising from the migration of contaminated soil, soil vapor and/or groundwater. Evaluation of potential impacts to the subject property is based on: distance and direction to the identified site; type of regulated materials and other relevant information found in available records; presence of intervening roadways and/or other physical conduits; local physical setting (topography, soil conditions, geology, hydrology, etc.); and other information known to ESI. Potential vapor encroachment conditions, if any, have been evaluated (as warranted) following the methodology provided in ASTM Standard E2600-10, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.

3.2.2 Findings of Regulatory Records Review

Federal Hazardous Waste-Contaminated Sites

The subject property is not identified on the United States Environmental Protection Agency's (USEPA): National Priority List (NPL) of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions; CERCLIS list of sites that are proposed to the NPL or that are in the screening and assessment phase for possible proposal to the NPL; or CERCLIS No Further Remedial Action Planned (NFRAP) list, which are former CERCLIS sites that were delisted because no significant hazardous waste contamination was found, or because the site has been remediated.

The subject property is not identified on readily available USEPA Institutional Control/Engineering Control registries.

The "Matheson Lead Co." site (USEPA ID: NYS980531610) is a NFRAP site located 0.14 mile west of the subject property. This is an archive site, which is located down-gradient of the subject property. Based on ESI's review of reported information, this site is not likely to significantly impact the subject property.

No NPL sites are located within one mile of the property and no CERCLIS sites or other delisted NPL sites are located within a half mile of the property.

State Sites

Inactive Hazardous Waste Disposal Sites

The subject property is not identified on the NYSDEC's Registry of Inactive Hazardous Waste Disposal (IHWD) sites (a state equivalent to the federal NPL), and has not been listed as a site under investigation for inclusion in the IHWDS Registry (a state equivalent to the federal CERCLIS List).

There are eight sites listed within a mile of the subject property. Four sites are active or potential IHWD sites. No action is required at the remaining four sites. The four active sites are likely located down- or cross-gradient and are over 0.75 mile from the subject property.

Based on ESI's review of reported information these sites are not likely to significantly impact the subject property.

Voluntary Cleanup, Brownfields Cleanup, and Environmental Restoration Programs

The subject property is not identified as participating in the NYSDEC's Voluntary Cleanup (VCP), Brownfields Cleanup (BCP), or Environmental Restoration (ERP) programs, which are designed to provide NYSDEC oversight of significantly contaminated properties.

Seven BCP and/or VCP sites were identified within 0.5 mile of the subject property.

The "Off-Site Paragon Paint and Varnish Corp." BCP site (Site IDs: 383000, 420294), located 0.16 mile west and down-gradient of the subject property, presents a significant threat to public health and the environment. Based on distance and/or likely groundwater flow, this site, as well as the other identified sites, are not likely to impact the subject property.

Registry of Institutional and Engineering Controls in New York State

The subject property is not identified on the NYSDEC's Registry of Institutional and Engineering Controls in New York State.

Federal Hazardous Waste Handlers

The USEPA Resource Conservation and Recovery Information System (RCRIS) database details facilities that report treatment, storage or disposal of hazardous waste (TSD facilities) or generation or transportation of hazardous waste. Facilities that have been notified by the USEPA to take corrective action with regard to their handling of hazardous waste are classified as CORRACTS facilities.

CORRACTS and/or TSD Facilities

The subject property is not registered with the USEPA as a CORRACTS and/or TSD facility for hazardous waste or materials.

Two CORRACTS facilities are located within one mile of the property.

The "Kosan Industrial Corporation" facility (USEPA ID: NYD061949228) is located 0.16 mile west of the subject property. This paint manufacturing facility has been assigned a low corrective action priority and is located down-gradient of the subject property.

The other CORRACTS facility was identified over 0.75 mile from the subject property, and is located cross-gradient of the subject property.

Based on ESI's review of reported information, these facilities are not likely to significantly impact the subject property.

No other CORRACTS sites are located within one mile of the property and no other TSD sites are located within a half mile of the property.

Generators or Transporters (Non-CORRACTS)

The subject property is not registered with the USEPA as a generator or transporter of hazardous waste.

Two adjoining properties are registered as generators or transporters of hazardous waste.

The "Shine Electronic Co. Inc." site (USEPA ID: NYR000149799), which adjoins the property to the east, is listed as a historical generator of managed waste material that includes lead, selenium, methyl ethyl ketone, non-halogenated solvents, still bottoms, and spent solvent mixtures.

The "Big City Graph-X" site, which adjoins the subject property to the south, is listed as a handler of hazardous waste.

Based on ESI's review of reported information these sites are not likely to significantly impact the subject property.

Landfills and Solid Waste Disposal Facilities

The NYSDEC's Facility Register does not list the subject property as an active or inactive landfill or solid waste disposal facility.

Two construction and demolition processing facilities have been identified within 0.5 mile of the subject property. The "C&H Sand and Stone Corporation/ United Waste Removal" site (Site IDs: 41W87, 41T67) is located 0.17-mile southeast of the subject property. The facility is also registered as a transfer station. The "Berlin Wrecking Ltd." site (Site ID: 41W73) is located 0.37 mile south of the subject property.

Based on ESI's review of reported information these sites are not likely to significantly impact the subject property.

Chemical Bulk Storage (CBS)

A review of NYSDEC records indicates that the subject property and adjoining properties are not registered as CBS facilities. Observations made during the site inspection did not indicate the presence of chemical bulk storage on the subject property or at adjoining properties.

Petroleum Bulk Storage

Subject Property

A review of the NYSDEC PBS database indicates that the subject property is not registered as a PBS facility. Observations made during the site inspection indicated the presence of a 2,500-gallon vaulted AST located in the basement of the subject property. According to a previous environmental report (see Section 3.1.7, Previous Environmental Reports) this tank was abandoned in-place several years ago (no tank closure documentation has been reviewed by ESI).

State PBS Regulations

NYSDEC Petroleum Bulk Storage regulations (6 NYCRR Parts 612-614) apply to facilities with a combined storage capacity greater than 1,100 gallons, properties with underground storage tanks (USTs) greater than 110 gallons and/or properties with waste-oil USTs and/or ASTs regardless of capacity (storage capacity excludes tanks of 1,100 gallons or less used to store oil or kerosene for on-site heating, and includes out-of-service regulated tanks that have not been permanently closed). Based on the likely capacity of the on-site tank, and uncertain status regarding permanent closure, the property is subject to these PBS regulations.

Federal PBS Regulations

Federal regulation 40 CFR Part 112 applies to facilities storing greater than 1,320 gallons of petroleum product aboveground (inclusive of all containers with a capacity of 55-gallons or more), where there is a reasonable potential for a discharge to reach navigable waters. Given that the tank has been abandoned and is unlikely to be used in the future, the property is unlikely to be subject to these regulations.

Adjoining Properties

A review of the NYSDEC PBS database indicates that two adjoining properties are identified as PBS facilities.

The property at 11-14 46th Avenue, which adjoins the subject property to the southeast, is a PBS facility (PBS Number: 2-197246) containing a 3,000-gallon, #2 fuel-oil AST, which was installed in 1985.

The property at 46-09 11th Street, which adjoins the subject property to the south, is an unregulated PBS facility (PBS Number: 2-610180) which contained a 2,000-gallon #2 fuel-oil AST in a concrete vault. This tank was installed 1957 and removed in 2006.

No open NYSDEC spill events are reported for these adjoining properties

Fill ports and vent pipes were observed at adjoining residential properties to the south. These fill ports and vent pipes likely service ASTs located in the basements of these structures. These adjoining sites are not likely to impact the environmental integrity of the subject property.

Major Oil Storage Facilities

The subject property is not listed with the NYSDEC as a major oil storage facility (MOSF).

One MOSF has been identified within 0.5 mile of the property. The "Ditmas Oil—Long Island City" site (MOSF ID: 2-2020) is located 0.45 mile south of the property at 53-02 11th Street. Records indicate that all reported tanks on this property are currently empty.

Based on ESI's review of reported information this site is not likely to significantly impact the subject property.

Federal Chemical and Petroleum Spills

The USEPA Emergency Response Notification System (ERNS) database details initial reports of releases of oil and hazardous substances as reported to federal authorities. There are currently no chemical or petroleum spills on record for the subject property.

State Chemical and Petroleum Spill and Leaking Underground Storage Tank Events

NYSDEC database records were reviewed to determine possible impacts from leaking tanks and other reported releases within a quarter mile of the subject property. No spill events are known to have occurred at the subject property. The following spill events are reported for adjoining properties:

Spill File ID and Status	Location	Material Spilled	Spill Date (Closure Date)	Spill Details
0201928 – closed	11-15 46th Ave. (adjoining property to the east)*	fuel oil, quantity unknown	May 23, 2002 (January 31, 2006)	sidewalk and basement spill from fuel line leak
0510695 – closed	46-09 11th Street (adjoining property to the south)	#2 fuel oil, 15 gallons	December 13, 2005 (December 16, 2008)	leaking tank, floor washed, tank replaced, no testing

Spill number 0201928 was reported for the property to the adjoining property to the east; however, the database indicates that the release was in a basement (the adjoining property has no such structure) and it appears likely that this spill is associated with a residential structure to the southeast. It is unlikely that these or any other reported spill events have impacted the subject property.

Air Discharges

No NYSDEC permits for air discharges from the subject property are known to exist. No operations likely to require a NYSDEC air discharge permit were noted on the subject property.

Wastewater Discharges

No USEPA National or NYSDEC State Pollutant Discharge Elimination System (NPDES or SPDES) permit was identified for the subject property. No operations likely to require a NPDES or SPDES permit were noted on the subject property. According to observations made during the site inspection, the subject property is connected to the municipal wastewater system. No adjoining properties are registered as NPDES or SPDES facilities.

Radon

Information on radon levels was obtained from New York State Department of Health (NYSDOH) documents. No regulatory standards for radon levels currently exist in New York State. The USEPA has established a guidance value (the level where mitigation measures may be appropriate) for radon concentrations of 4.0 or greater picoCuries/liter (pCi/l). Other regulatory authorities (e.g., OSHA) have established guidance levels that are directly related to specific site activities (a determination as to applicable radon guidance levels is beyond the scope of this Phase I Environmental Site Assessment). A summary of available radon information for the subject property's vicinity is provided below in Table 3.

Table 3: Basement Radon Levels in Vicinity of Subject Property
All radon levels provided in picoCuries/liter (pCi/l)

NYSDOH Radon Information	Borough of Queens	New York City
Number of Homes Tested	513	1,364
Average Radon Level	0.77	0.9
Percent of Homes >4.0 pCi/l	3.5	6.4

These average radon levels are below the USEPA's guidance value of 4.0 pCi/l and less than 10% of the homes tested in the subject property's vicinity had levels in excess of this guidance value. These data support the conclusion that elevated radon levels are not likely to be present on the subject property.

3.3 Site Inspection

3.3.1 Protocol

The site inspection was conducted on June 3, 2014 in order to address any potential concerns raised during the investigation of the site's history (Section 3.1) and the regulatory agency records review (Section 3.2), and to identify any additional indications of contamination from the use, storage, or disposal of hazardous or regulated materials. To the extent possible, site structures, vegetation, topography, surface waters, and other relevant site features were examined for any obvious evidence of existing or previous contamination or unusual patterns (e.g., vegetative stress, soil staining, surface water sheen, or the physical presence of contaminants), which would indicate that the environmental integrity had been or could be impacted.

Section 3.3.2 describes the physical characteristics of the subject property. Section 3.3.3 is divided into topics on specific environmental conditions or concerns, actual or potential, noted on the subject property during the site inspection. Section 3.3.4 describes the physical characteristics of adjoining properties as they concern the potential or actual environmental condition of the subject property.

A Selected Site Features Map illustrating the general layout of the subject property and the locations of specific areas of concern (if any) is provided on Page 8. Photographs of the subject property are provided in Appendix A.

3.3.2 Physical Characteristics of the Subject Property

Note: Access to the boiler room was limited by the presence of water in the basement (the boiler room was visually inspected from the entranceway).

3.3.2.1 Property

The subject property is an rectangular-shaped, approximately 0.3-acre parcel, which has 200 feet of frontage on the eastern side of 11th Street, 60 feet of frontage on the southern side of 45th Road, and 60 feet of frontage on the northern side of 46th Avenue. One, one and two-story masonry building with a warehouse occupies the property. The on-site structure occupies the entirety of the property.

3.3.2.2 Structures

The on-site structure is a one- and two-story masonry building with a partial basement (beneath the two-story portion) and a flat roof. Exterior siding is brick and the roof is covered by asphaltic materials (note: the roof was not accessible during the site inspection). New York City Assessor's Office records indicate the building was constructed in 1948. The building contains one large warehouse space, offices and maintenance rooms. Interior floors are covered with 9" by 9" and 12" by 12" vinyl floor tiles, carpeting, and unfinished concrete. Walls and ceilings are generally covered with wallboard.

Potable Water Supply

According to available information, the subject property is serviced by the municipal water system. No water supply wells were noted on the subject property during the site inspection and no on-site uses of groundwater are known to exist for the subject property.

Sewage Disposal System

According to available information, the on-site structure is connected to the municipal sewer system.

Heating/Cooling

The on-site structure is heated with hot air generated by natural-gas heating units located in the warehouse and offices. Cooling is provided by roof-mounted air conditioning units. An electric water heater is located near the boiler located in the basement.

3.3.3 Specific On-Site Environmental Conditions

Debris Areas

No significant quantities of debris were noted on the subject property.

Petroleum Storage

An inactive 2,500-gallon fuel-oil AST is located in a vault in the basement of the on-site structure. The fill port and vent pipe for the AST are located on the eastern exterior wall of the building and an access way is located on the ground floor within the building. The tank has reportedly been abandoned in place. No staining was noted on or near the fill port and vent pipe. Several small containers of petroleum products (lubricants, etc.) are located in the warehouse, and associated storage spaces. No staining or other evidence of a release from these containers was observed. No other small quantities of petroleum products, aboveground storage tanks or indications of underground petroleum storage tanks (e.g., fill ports or vent pipes) were observed on the subject property.

Chemical Storage

Several small containers of common cleaning and maintenance products were observed in a storage room. No staining or other evidence of a release from these containers was observed during the site inspection. No other small quantities of chemical products, aboveground chemical storage tanks or indications of underground chemical storage tanks (e.g., fill ports or vent pipes) were observed on the subject property.

Asbestos-Containing Materials

Asbestos-containing materials (ACM) are those materials containing over 1% of any type of asbestos. The presence or absence of asbestos within a material can only be determined through the physical analysis of material samples.

Asbestos has been incorporated into a wide variety of building products based on its thermal and resilient qualities, including insulation, flooring, siding, roofing, plaster/joint compounds, caulking, ceiling tiles, textured paints and pipewrap. Although ACM are no longer used as extensively as they were prior to the 1970s (when the federal government began regulating and/or prohibiting the use of ACM in specific applications), asbestos may still be found in common building products used today, such as cement products, roofing and vinyl floor tile.

According to Paul Yuras, no asbestos survey of the subject property has been conducted. Suspect ACM noted during the site inspection included 9" by 9" and 12" by 12" vinyl floor tiles, asphalt roofing materials, window caulking, and dropped acoustic ceiling tiles. All materials appeared to be in fair condition. Other building construction materials not readily observable during the site inspection (e.g., mastics, pipe insulation present within walls, etc.)

Lead-Based Paint

The presence or absence of lead-based paint (paint containing 0.5% lead by weight) can only be determined through the material analysis of paint samples. However, given that the manufacture of lead-based paint (LBP) has been regulated since 1978, a building's date of construction is often used to help assess the likelihood that LBP was used during initial construction and/or subsequent maintenance work. The presence of deteriorated paint is indicative of a potential health risk in that paint dust and chips containing lead could be inhaled and/or ingested.

According to Paul Yuras, a lead-based paint survey of the subject property's structures has not been conducted. The date of construction of the on-site building indicates that LBP is likely to have been used; however, in the absence of a LBP survey, no definitive statement can be made by this office regarding the presence or absence of LBP on the subject property.

All of the painted surfaces in the areas inspected by this office were in fair condition at the time of the site visit.

Wastewater Discharges

The term "wastewater" indicates water that: (1) is or has been used in an industrial or manufacturing process; (2) or is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant; (3) or conveys or has conveyed sewage (water originating on or passing through or adjacent to a site, such as stormwater flows, is not generally considered to be wastewater). No evidence of wastewater discharges into drains, ditches, or streams on or adjacent to the property was observed on the subject property.

Interior Floor Drains/Sumps/Conduits

A stormwater drain is located in the loading bay. No staining, odors, or other evidence of contamination was noted in or near the drain. According to the PWG Phase II, the stormwater drain is inactive. (Note: the basement of the on-site structure was flooded and could not be fully inspected for the presence or absence of floor drains). According to the MEI Phase I, the basement contains a sump which leads to the municipal sewer system.

Stormwater Management and Exterior Drains/Sumps/Conduits

No exterior stormwater catch basins, drains, sumps, or other potential significant conduits to the subsurface, or indications of liquid discharges into drains, ditches, or streams on or adjacent to the property, were observed on the subject property.

Staining/Corrosion/Leaks

No evidence of corrosion, leaks, or staining (indicative of an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products onto the subject property, including the on-site structure and paved areas) was observed during the site inspection.

Topographic Irregularities

No overt topographic irregularities (e.g., sinkholes or berms) indicative of the presence of non-natural materials (including debris) in the subsurface were observed on the subject property.

Vegetative Features

No overt areas of stressed or dying vegetation indicative of the presence of contaminants in surface or subsurface soils were observed on the subject property.

Pits, Ponds, or Lagoons

No pits, ponds, or lagoons exhibiting evidence (e.g., discolored water, distressed vegetation, obvious wastewater discharge) of holding liquids or sludge containing hazardous substances or petroleum products were observed on the subject property.

Surface Waters

No surface water bodies are located on the subject property.

Odors

No unusual odors indicative of the presence of contamination were noted.

Polychlorinated Biphenyls

An inspection for the presence of equipment likely to contain polychlorinated biphenyls (PCBs) was conducted by this office. PCBs were widely used in equipment such as transformers, capacitors, and hydraulic equipment until 1979 when the USEPA regulated their use in this capacity. A large piece of hydraulic equipment, which may contain PCBs, was noted in the warehouse.

3.3.4 Environmental Concerns at Adjoining and Nearby Properties

Adjoining and nearby properties were observed from the subject property and from public thoroughfares for the purpose of identifying any recognized environmental conditions or other potential environmental concerns. No significant environmental conditions were noted on adjoining or nearby properties.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Ecosystems Strategies, Inc. (ESI) has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the property located at 45-35 11th Street, Queens, New York City, New York. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report.

This assessment has revealed evidence of the following recognized environmental conditions (RECs) in connection with the property:

- Potential for petroleum releases at an abandoned fuel-oil aboveground storage tank (AST)
- Documented soil contamination in the vicinity of the AST and a closed floor drain

ESI's conclusions and recommendations (in **bold**) regarding these RECs and any other potential environmental liabilities associated with the property are presented below. Cost estimates for any proposed investigations and/or remedial actions are provided in *italics* where appropriate.

1. The subject property is an approximately 0.3-acre commercial parcel located in an urban setting. Historical records indicate that the property may have been developed as early as the 1920s, and that the current on-site building, constructed circa 1948, has been used as warehouse, manufacturing facility, and for office space. Debris from former structures could potentially be present in the subsurface.

   The subject property is designated as an "E" restricted site, due to the potential for soil, soil gas, and groundwater contamination. Elevated concentrations of metals documented in soil at an inactive floor drain may be indicative of contamination resulting from releases of industrial wastewater. Elevated concentrations of SVOCs in soil, identified near an on-site vaulted AST (see Paragraph 2, below) may indicate low-grade petroleum contamination, impacts from industrial activities, or the presence of poor quality fill materials. Groundwater collected near the AST exhibits low-level impacts from naphthalene. Although current commercial use of the property is not likely to represent a significant environmental threat, these findings suggest that previous manufacturing activities may have impacted the property.

   No further investigation of historical records is recommended. Documented contamination near the AST and floor drain should be further delineated during future environmental investigations conducted to satisfy requirements associated with the E designation. Any future development activities at the property should be conducted with an awareness of the potential presence of subsurface debris and provision should be made for the proper management of any materials that warrant special handling.

2. The subject property was not identified during the review of regulatory agency records conducted by this office; an abandoned-in-place 2,500-gallon fuel-oil AST located in the basement, however, requires proper registration and closure documentation. Improper closure of the AST represents an ongoing risk of a petroleum release. No adjoining or nearby properties were identified that are likely to impact the environmental integrity of the subject property.

   No further investigation of regulatory records is recommended. The AST should be registered with NYSDEC, and the tank should be properly closed, or documentation of previous closure activities should be submitted with an updated PBS registration form.

An environmental condition is considered “de minimis” when that condition generally does not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be de minimis are not recognized environmental conditions. This assessment has revealed evidence of the following de minimis conditions in connection with the property:

3. Small quantities of petroleum products and chemicals are stored on the subject property. Releases from these containers could potentially impact the property.

   It is recommended that all petroleum and chemical products be properly stored and that appropriate absorbent materials be maintained in all areas where releases could potentially occur.

4. Asbestos-containing materials and lead-based paint could potentially be present on the subject property. Suspect asphalt roofing, vinyl floor tiles, window caulking, and dropped acoustic ceiling tiles were noted during the site inspection. Other building construction materials not readily observable during the site inspection (e.g., mastics) could also potentially contain asbestos.

   No further investigation is recommended. Any suspect material encountered during maintenance, renovation, or demolition activities should be tested for asbestos or lead, or, in the absence of analytical data, be treated as though it contained asbestos or lead. All maintenance, renovation, or demolition activities should be conducted in accordance with applicable regulations.

5. Hydraulic equipment present on the subject property is a potential source PCBs.

   Any suspect material encountered during maintenance, renovation, or demolition activities should be tested for PCBs, or, in the absence of analytical data, be treated as though it contained PCBs. All maintenance, renovation, or demolition activities should be conducted in accordance with applicable regulations.

5.0 SOURCES OF INFORMATION

5.1 Maps and Documents

Environmental Data Resources, Inc. (EDR), City Directory Abstracts, dated: 1934, 1939, 1945, 1950, 1962, 1967, 1970, 1976, 1983, 1991, 1996, 2000, 2005, 2008, and 2013.

Environmental Data Resources, Inc. Report, May 21, 2014.

New York City Soil and Water Conservation District, New York City Reconnaissance Soil Survey, online at www.nycswcd.net/soil_survey.cfm.

New York State Department of Environmental Conservation, Freshwater Wetlands Map of the Brooklyn, New York Quadrangle, accessed online May 21, 2014 via Environmental Resource Mapper at www.dec.ny.gov.

Middleton Environmental, Inc., Phase I ESA, March 10, 2014.

P.W. Grosser Consulting, Inc., Limited Phase II Environmental Site Assessment, March 2013.

Sanborn Fire Insurance Company Maps dated: 1898, 1915, 1936, 1947, 1950, 1970, 1977, 1979, 1980, 1985, 1986, 1988 to 1996, 1999, and 2001 to 2006.

United States Department of the Interior National Wetlands Inventory Map of the Brooklyn, New York, Quadrangle, dated accessed online May 21, 2014 via www.fws.gov/wetlands/Data/Mapper.html.

United States Geological Survey Topographic Map of the Brooklyn, New York Quadrangle, dated 1995 digital image provided by MyTopo.com.

University of the State of New York, Geologic Map of New York, Fisher, *et al*., editors (dated 1970, reprinted 1995) and Surficial Geologic Map of New York, D. Cadwell, editor (dated 1989), Lower Hudson Sheets.

5.2 Local Agency Records

New York City Assessor's Office computerized records, reviewed May 28, 2014.

New York City Building Department computerized records, reviewed May 28, 2014.

New York City Register computerized records, reviewed May 28, 2014.

New York City Department of Health and Mental Hygiene Records, requested May 28, 2014.

5.3 Communications

Michael Orlandi, representing GDC Properties (the User), various dates, May to June 2014.

Mike Sheldon, representing Wayland Industries, (the tenant), June 3, 2014.

Paul J. Yuras, representing DY Realty Services, LLC. (the real estate agent), June 3, 2014.

6.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

The following statements are required by 40 CFR 312.21(d) of the environmental professional(s) responsible for conducting and preparing the Phase I Environmental Site Assessment report.

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

and

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Paul H. Ciminello
President, Ecosystems Strategies, Inc.

Scott Spitzer
Director of Environmental Investigations, Ecosystems Strategies, Inc.

APPENDIX A

Site Photographs

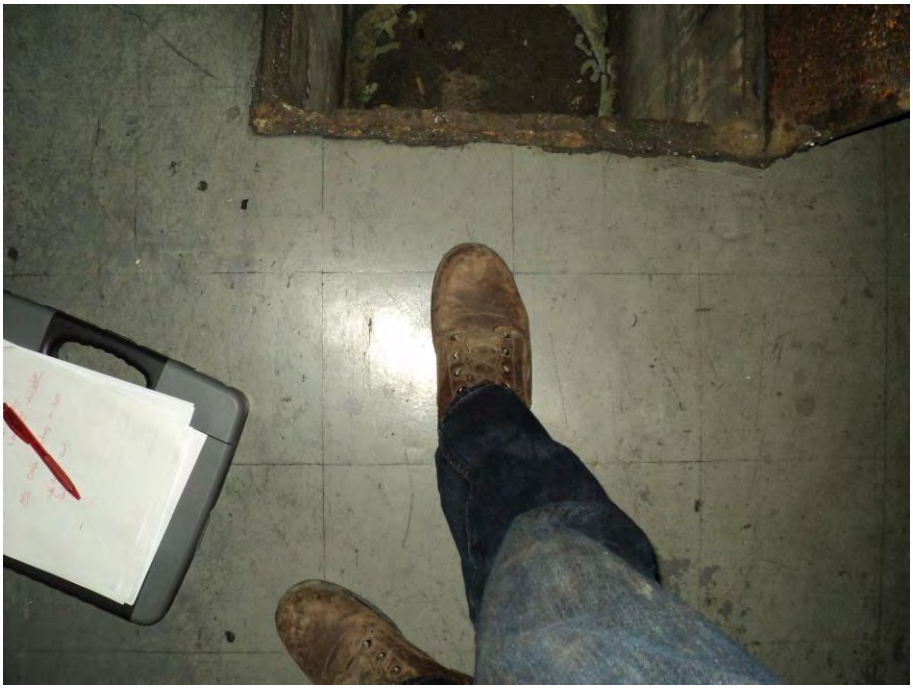
PHOTOGRAPHS

1. View of subject property (looking northwest from 46th Avenue).

2. View of interior workspace/warehouse.

PHOTOGRAPHS

3. **View of exterior fill port and vent pipe (located on the southern side of the on-site structure).**



4. **View of the top of the 2,500-gallon vaulted fuel-oil UST, and 9” by 9” vinyl floor tiles located at the southern portion of the first floor.**

PHOTOGRAPHS

5. View of second-floor office space.

6. View of flooded basement.

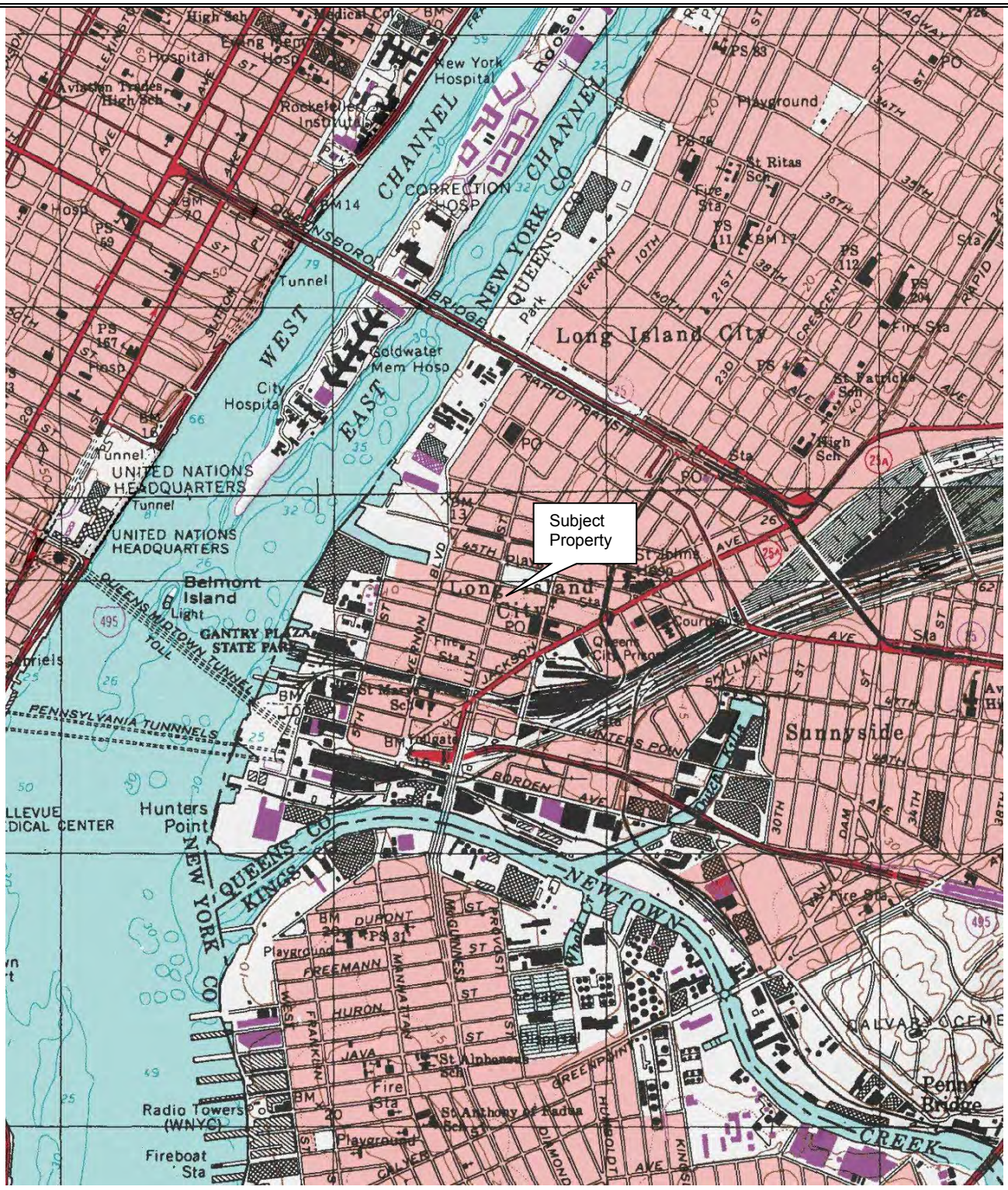
PHOTOGRAPHS

7.

8. **View of asphalt roofing material in poor condition.**

APPENDIX B

Physical-Setting Maps



Source: USGS Topographic Map of the Brooklyn, New York Quadrangle, dated 1995, digital image provided by MyTopo.com

U.S.G.S. Topographic Map
45-35 11TH Street
Long Island City
Queens County, New York

N

ESI File: GQ14076.10

June 2014

Scale: 1:24000

[print page] [close window]

Please set your printer orientation to "Landscape".

GQ14076.10

MinX: 587109, MaxX: 590176, MinY: 4511865, MaxY: 4510546

Visible Layers

- Classified Streams
- Classified Ponds
- State-Regulated Freshwater Wetlands
- Wetland Checkzone
- State-Regulated Freshwater Wetlands
- Rare Plants and Rare Animals
- Interstate Highways
- Adirondack Park Boundary
- Counties

Disclaimer:This map was prepared by the New York State Department of Environmental Conservation using the most current data available. It is deemed accurate but is not guaranteed. NYS DEC is not responsible for any inaccuracies in the data and does not necessarily endorse any interpretations or products derived from the data.

U.S. Fish and Wildlife Service

National Wetlands Inventory

GQ14076.10

May 21, 2014

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

APPENDIX C

Sanborn Fire Insurance Maps

1898 Certified Sanborn Map

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Certification # F02D-4AAE-9C0C

Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	6/23/2014 11:22:00 AM
Certification #	F02D-4AAE-9C0C
Copyright	1898

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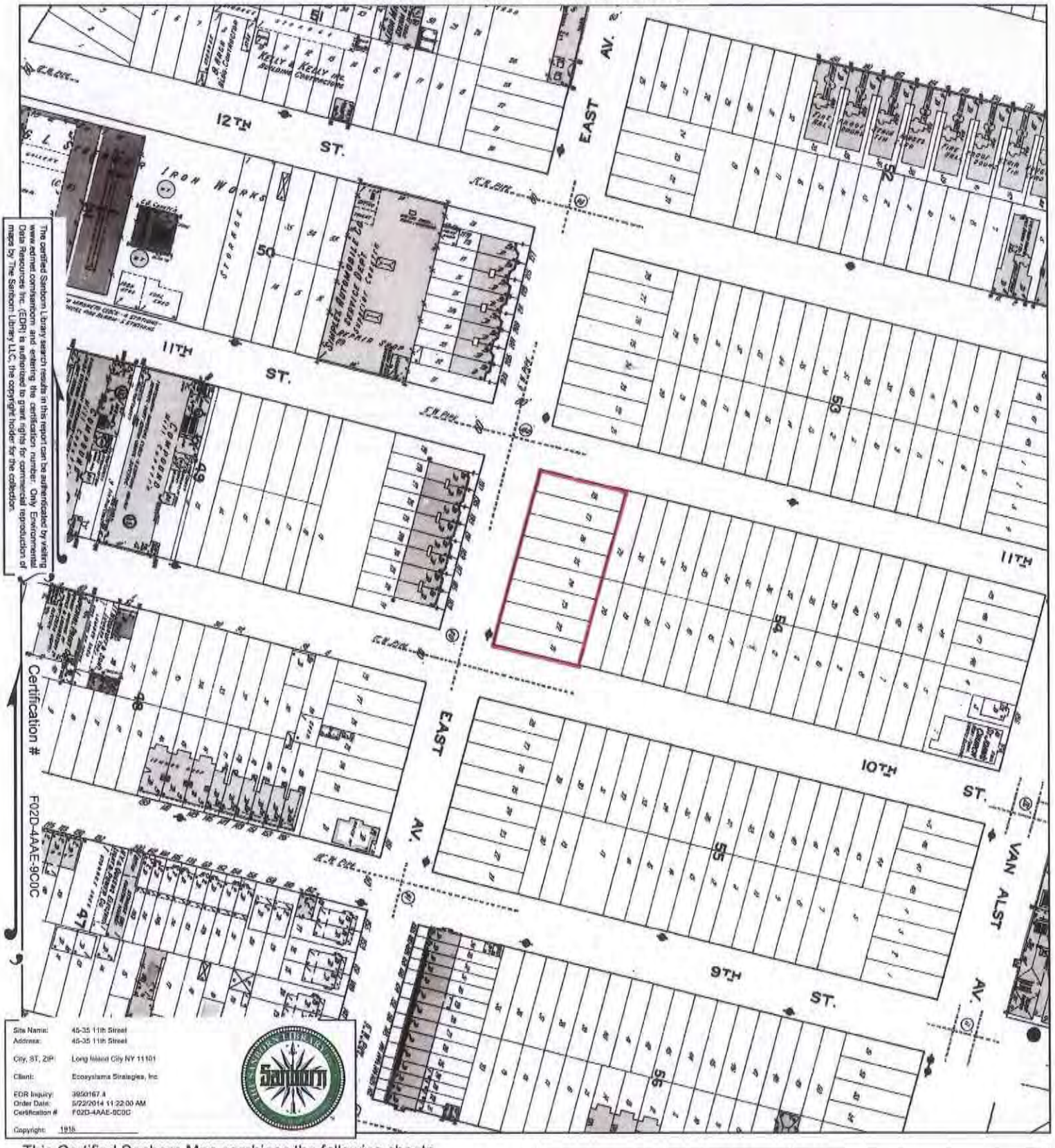
Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

1915 Certified Sanborn Map



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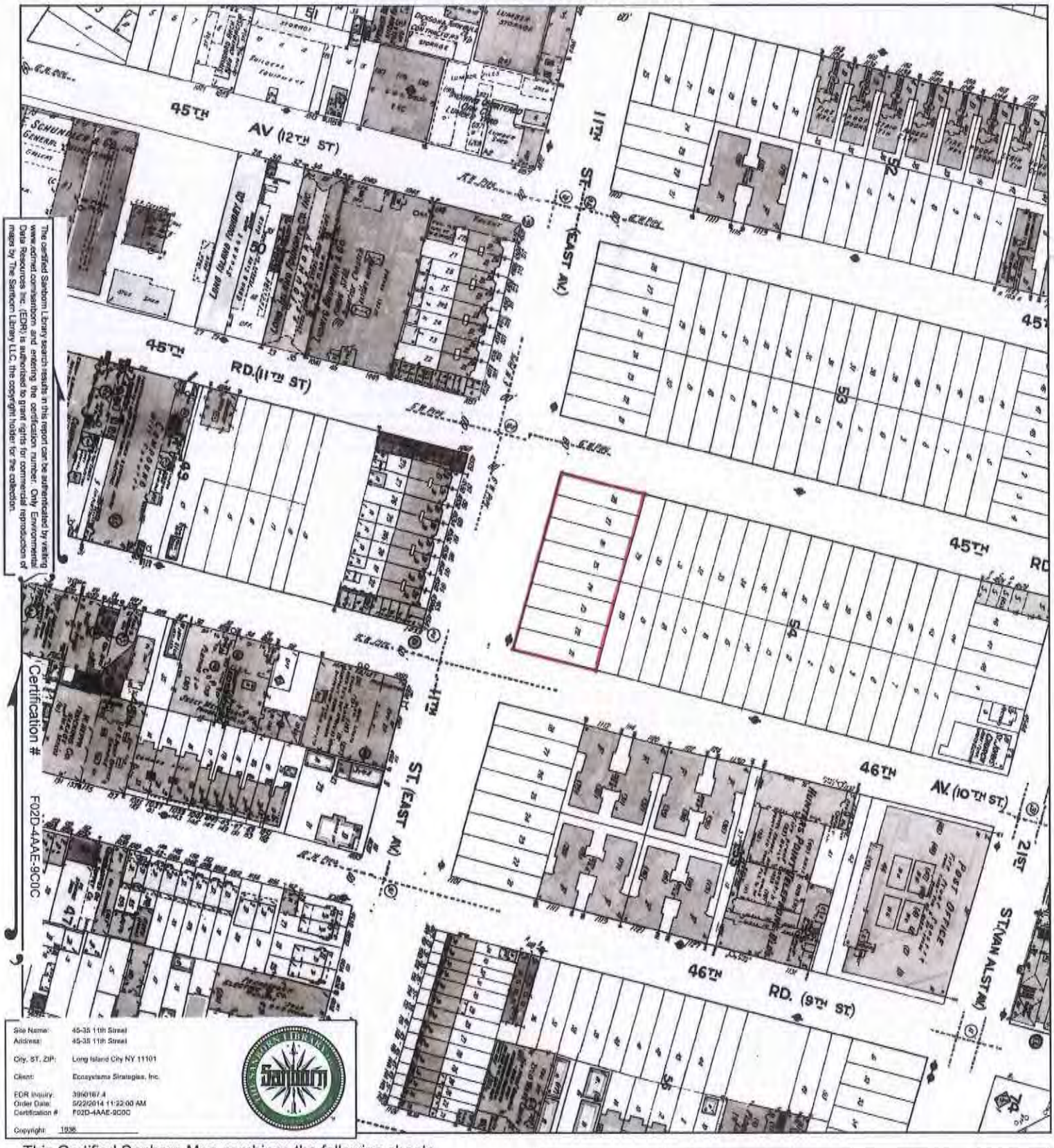
1936 Certified Sanborn Map



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City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
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Copyright:	1950

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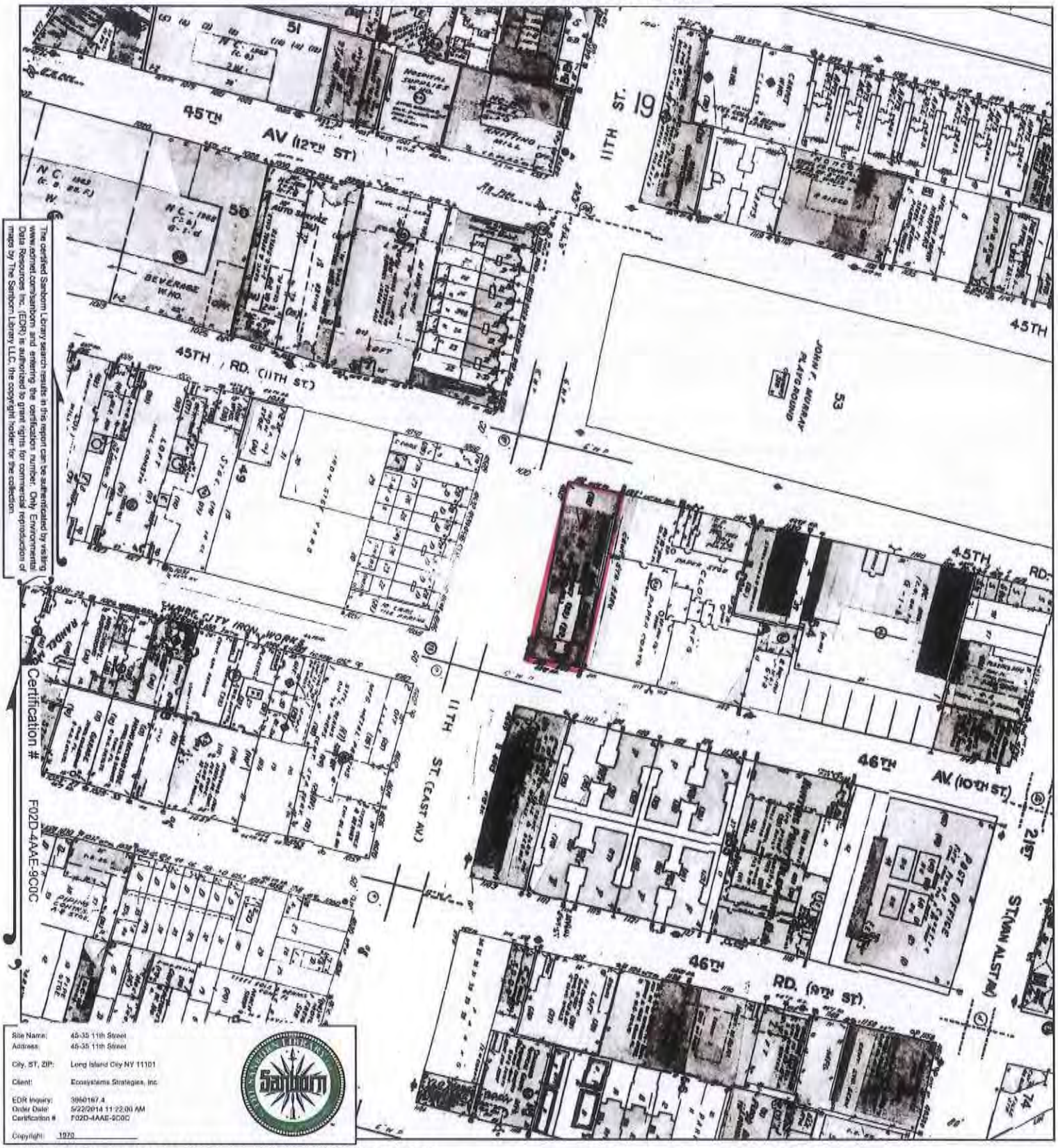

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Client:	Ecosystems Strategies, Inc.
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Order Date:	5/22/2014 11:22:00 AM
Certification #:	F02D-4AAE-9C0C
Copyright:	1977

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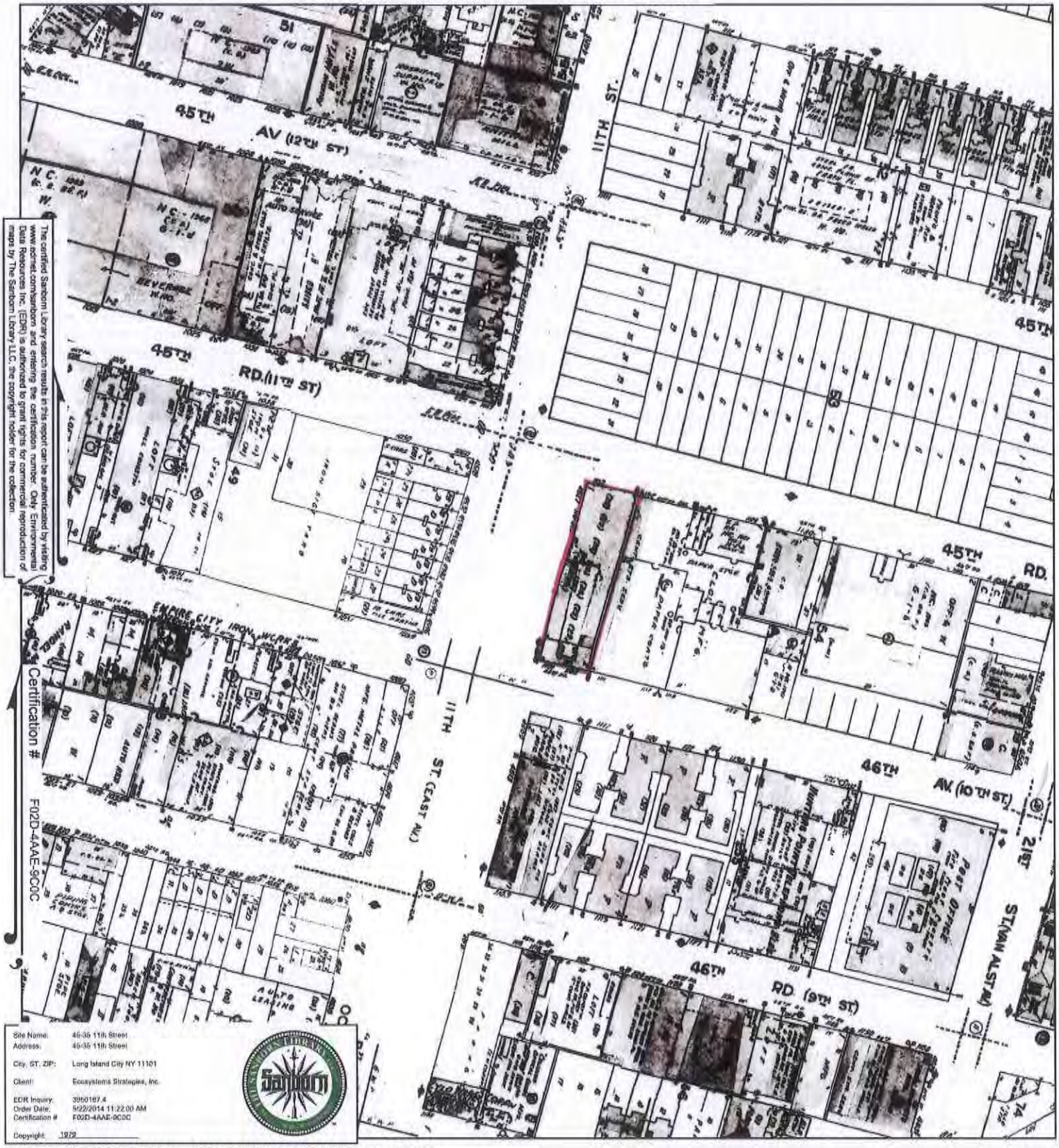

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Certification #	F02D-4AAE-9C0C
Copyright:	1979

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Volume 1, Sheet 19
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Volume 1, Sheet 20

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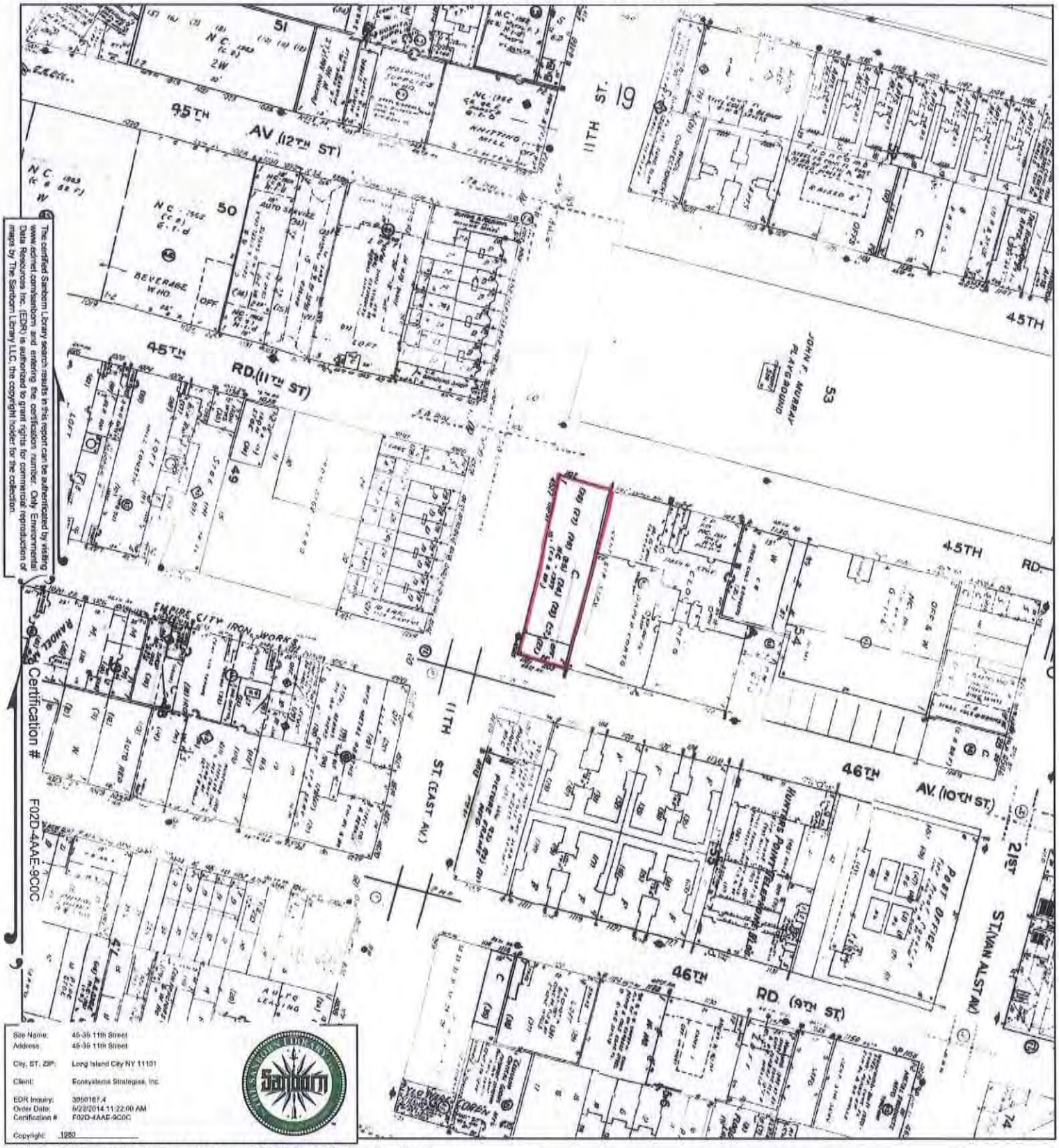
1980 Certified Sanborn Map



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Copyright:	1985

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Client:	Ecosystems Strategies, Inc.
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Certification #:	F02D-4AAE-9C0C
Copyright:	1988

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City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	6/22/2014 11:22:00 AM
Certification #	F02D-4AAE-9C0C
Copyright:	1988

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Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	5/22/2014 11:22:00 AM
Certification #:	F02D-4AAE-9C0C
Copyright:	1989

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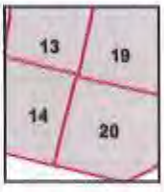

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Volume 1, Sheet 19
Volume 1, Sheet 20

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1990 Certified Sanborn Map

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Site Name:	45-36 11th Street
Address:	45-36 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	5/22/2014 11:22:00 AM
Certification #	F02D-4AAE-9C0C
Copyright:	1990

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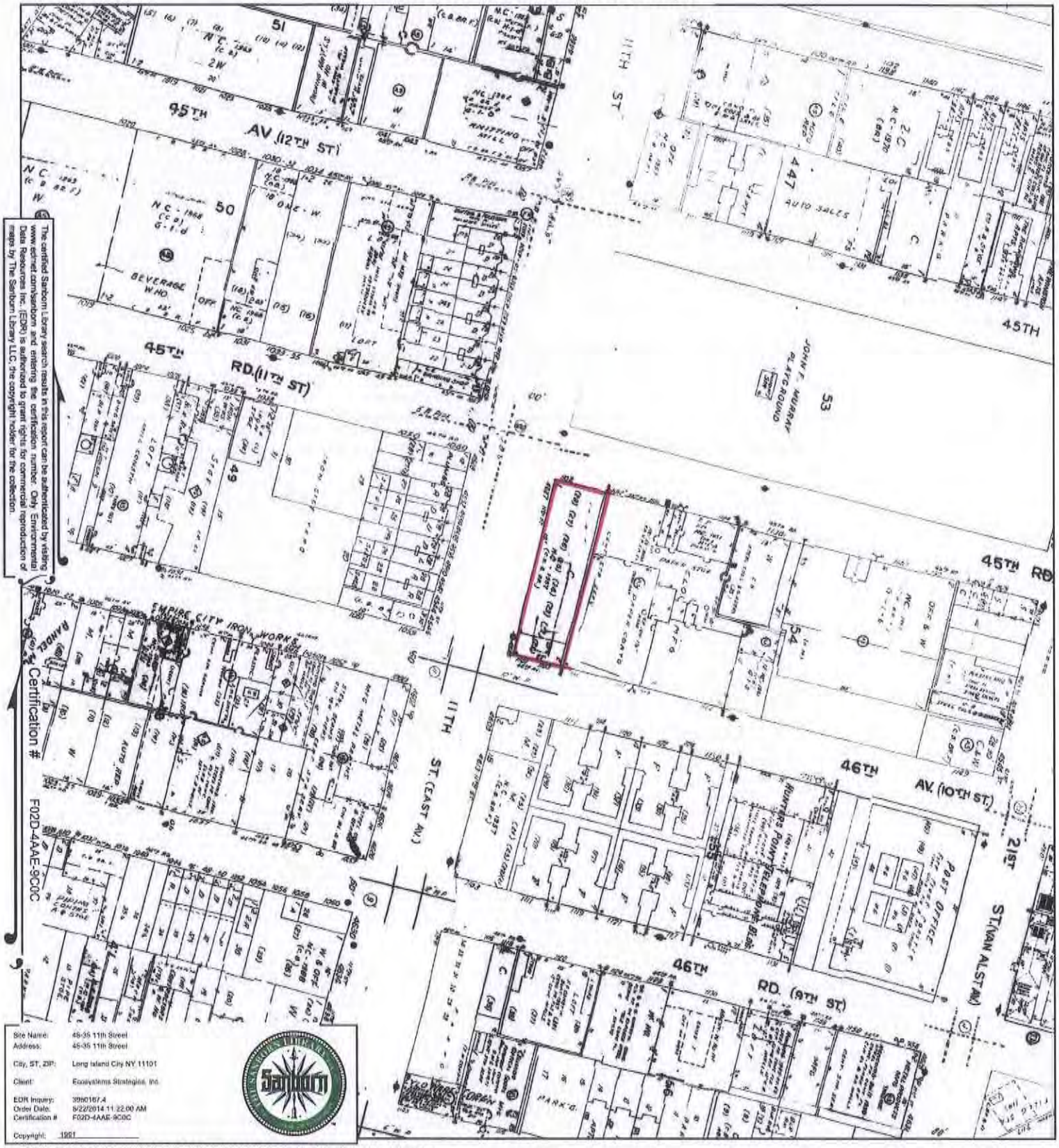
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

1991 Certified Sanborn Map



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Site Name:	46-35 11th Street
Address:	46-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	8/22/2014 11:22:00 AM
Certification #	F02D-4AAE-9C0C
Copyright:	1991

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Volume 1, Sheet 19
Volume 1, Sheet 20

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1992 Certified Sanborn Map

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Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	5/22/2014 11:22:00 AM
Certification #:	F02D-4AAE-9C0C
Copyright:	1992

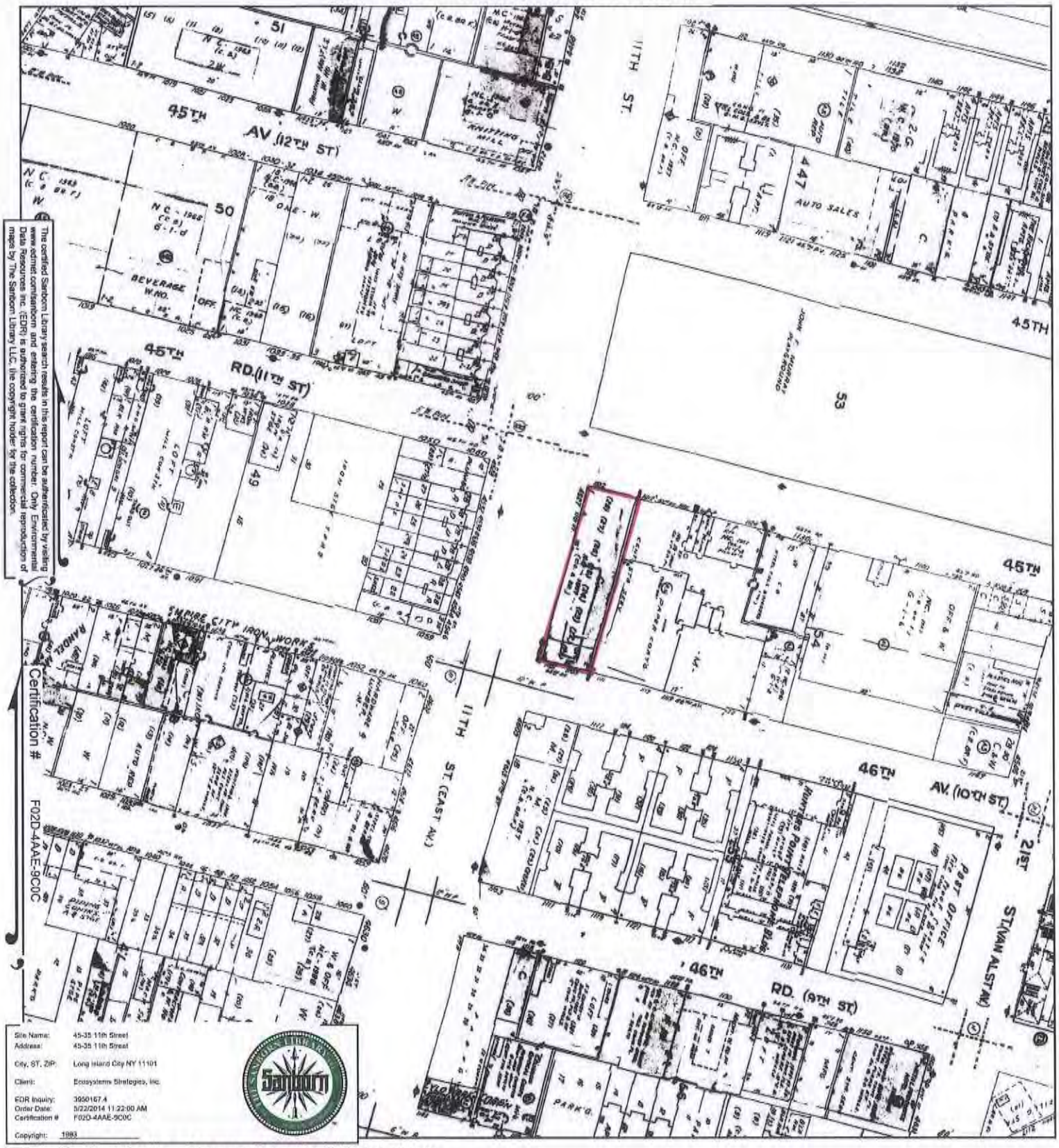
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

1993 Certified Sanborn Map



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Certification # F02D-4AAE-9C0C

Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	5/22/2014 11:22:00 AM
Certification #	F02D-4AAE-9C0C
Copyright:	1993

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

1994 Certified Sanborn Map

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Certification # F02D-4AAE-9C0C

Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc
EDR Inquiry:	3950167.4
Order Date:	5/22/2014 11:22:00 AM
Certification #	F02D-4AAE-9C0C
Copyright:	1994

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Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
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Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

1995 Certified Sanborn Map

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Certification # F02D-4AAE-9C0C

Site Name:	48-35 11th Street
Address:	48-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	5/22/2014 11:22:00 AM
Certification #:	F02D-4AAE-9C0C
Copyright:	1995

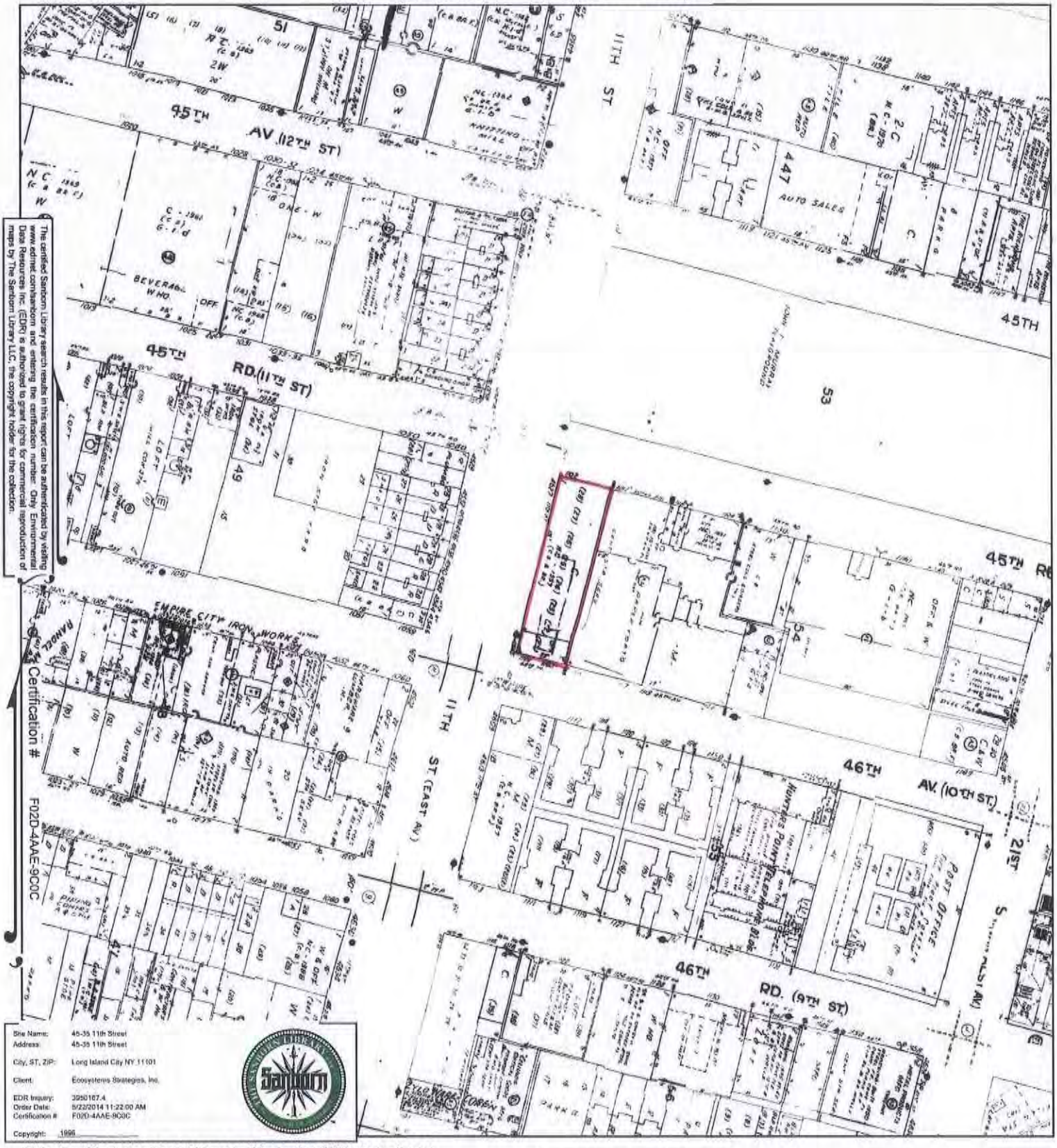
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

1996 Certified Sanborn Map



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Certification # F02D-4AAE-9C0C

Site Name: 45-35 11th Street
Address: 45-35 11th Street
City, ST, ZIP: Long Island City NY 11101
Client: Ecosystems Strategies, Inc.
EDR Inquiry: 3950167.4
Order Date: 5/23/2014 11:22:00 AM
Certification #: F02D-4AAE-9C0C
Copyright: 1996

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

1999 Certified Sanborn Map

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Certification # F02D-4AAE-9C0C

Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	8/22/2014 11:22:00 AM
Certification #	F02D-4AAE-9C0C
Copyright:	1999

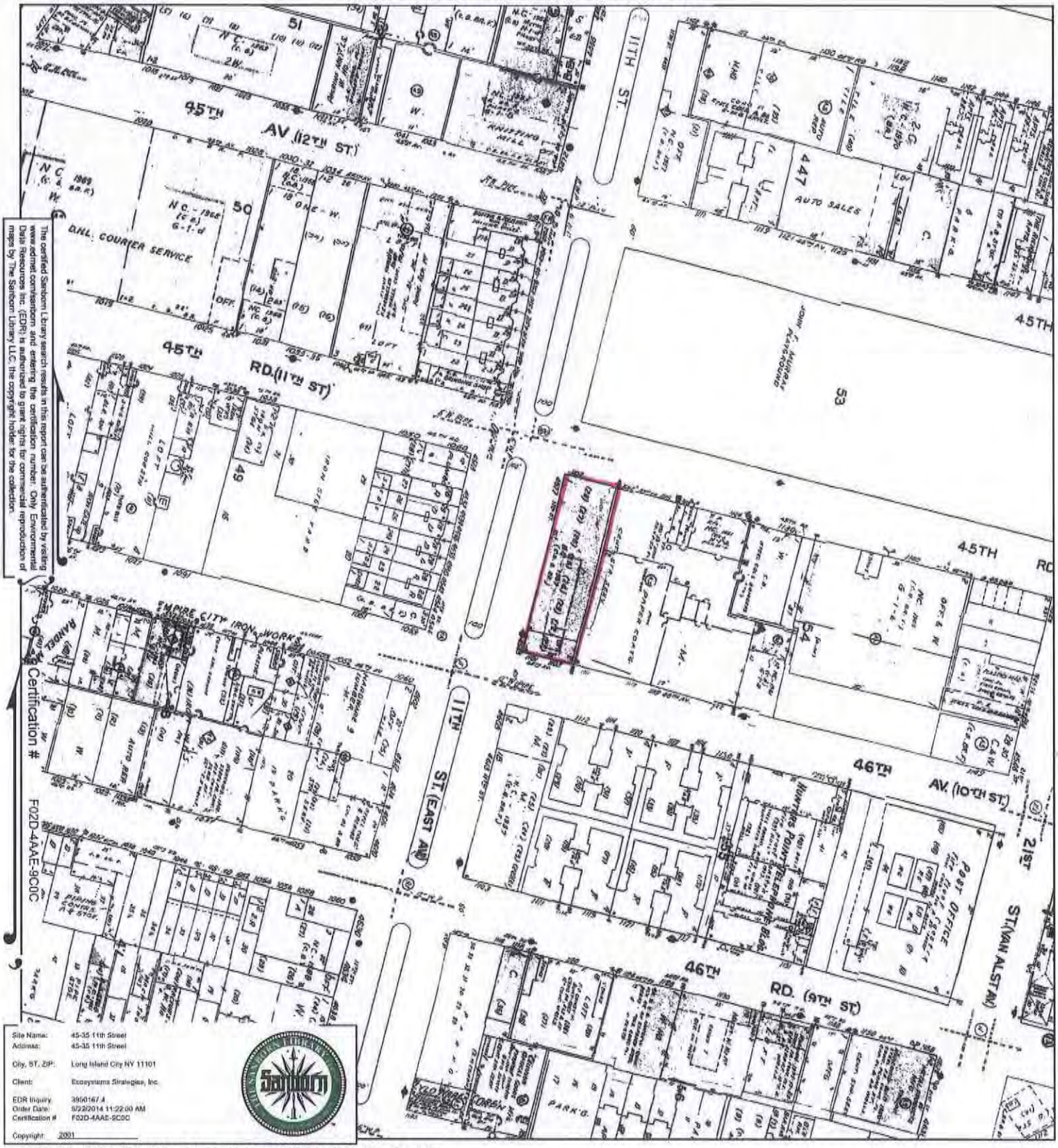
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

2001 Certified Sanborn Map



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Certification # F02D-4AAE-9C0C

Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	5/22/2014 11:22:00 AM
Certification #	F02D-4AAE-9C0C
Copyright:	2001

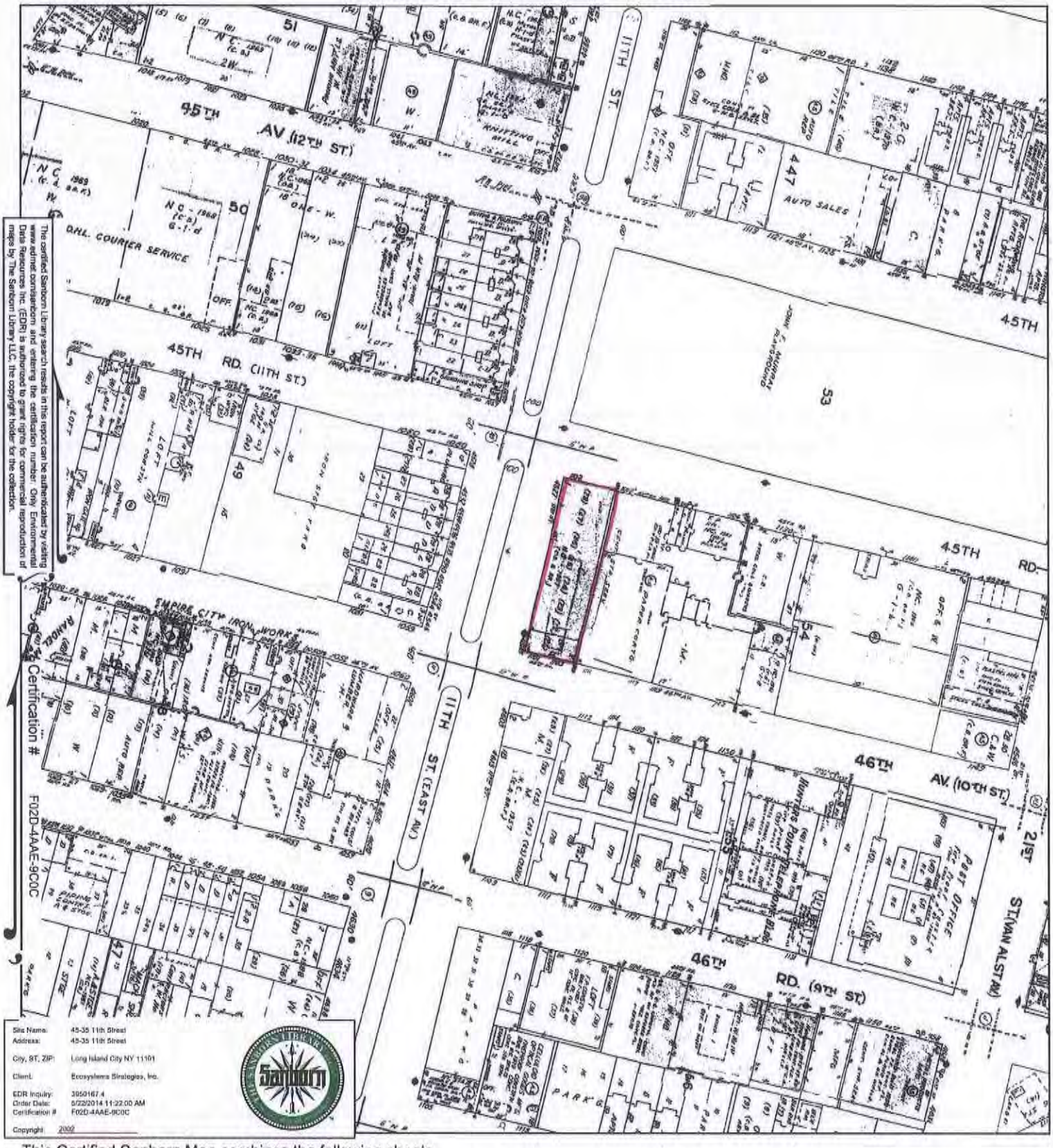
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

2002 Certified Sanborn Map



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Certification # F02D-4AAE-9C0C

Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	6/22/2014 11:22:00 AM
Certification #:	F02D-4AAE-9C0C
Copyright:	2002

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Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

2003 Certified Sanborn Map

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Certification # F02D-4AAE-9C0C

Site Name: 45-35 11th Street
Address: 45-35 11th Street
City, ST, ZIP: Long Island City NY 11101
Client: Ecosystems Strategies, Inc
EDR Inquiry: 3950167.4
Order Date: 6/22/2014 11:22:00 AM
Certification #: F02D-4AAE-9C0C
Copyright: 2003

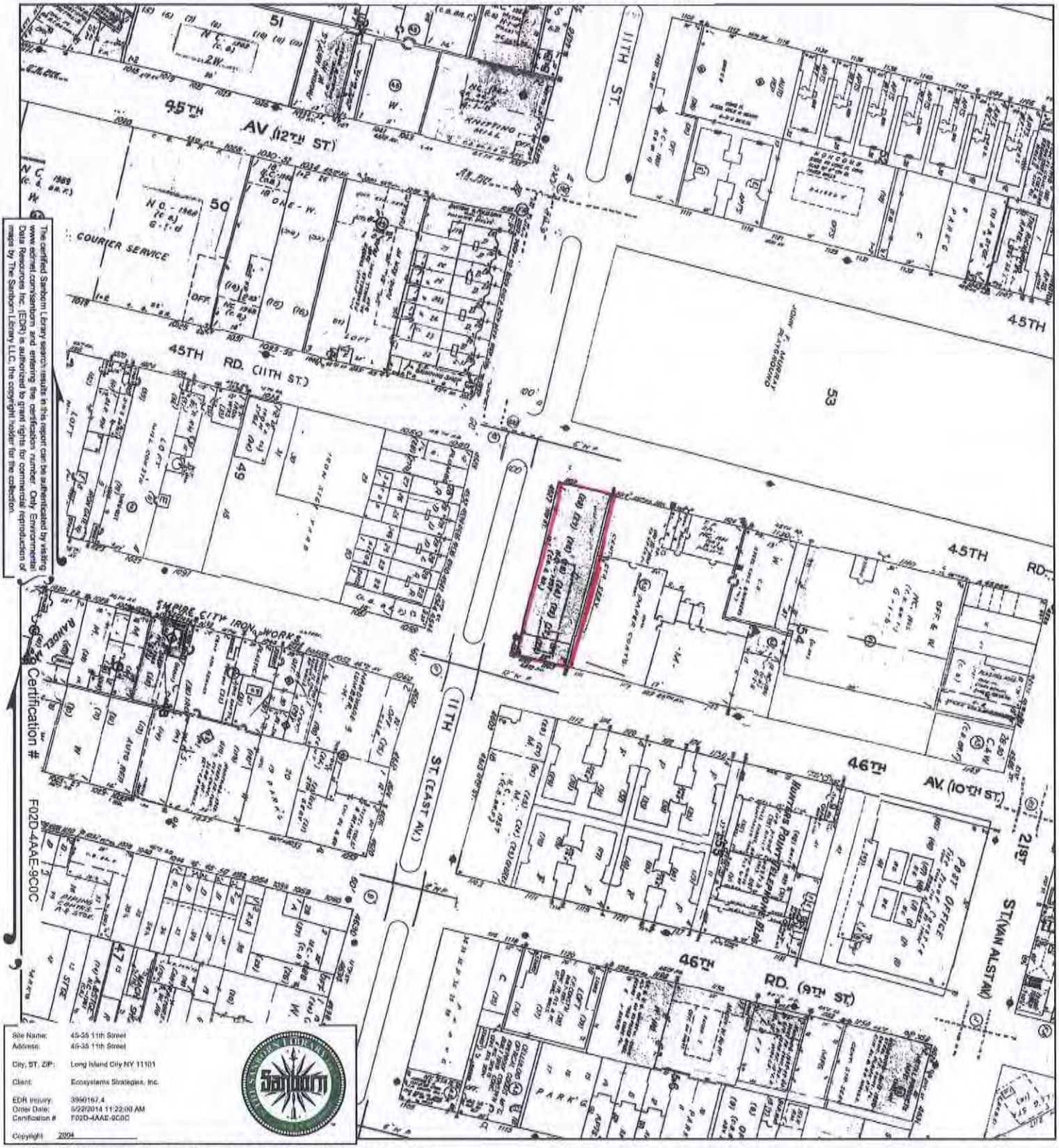
This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

2004 Certified Sanborn Map



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Certification # F02D-4AAE-9C0C

Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	5/22/2014 11:22:00 AM
Certification #	F02D-4AAE-9C0C

Copyright 2004

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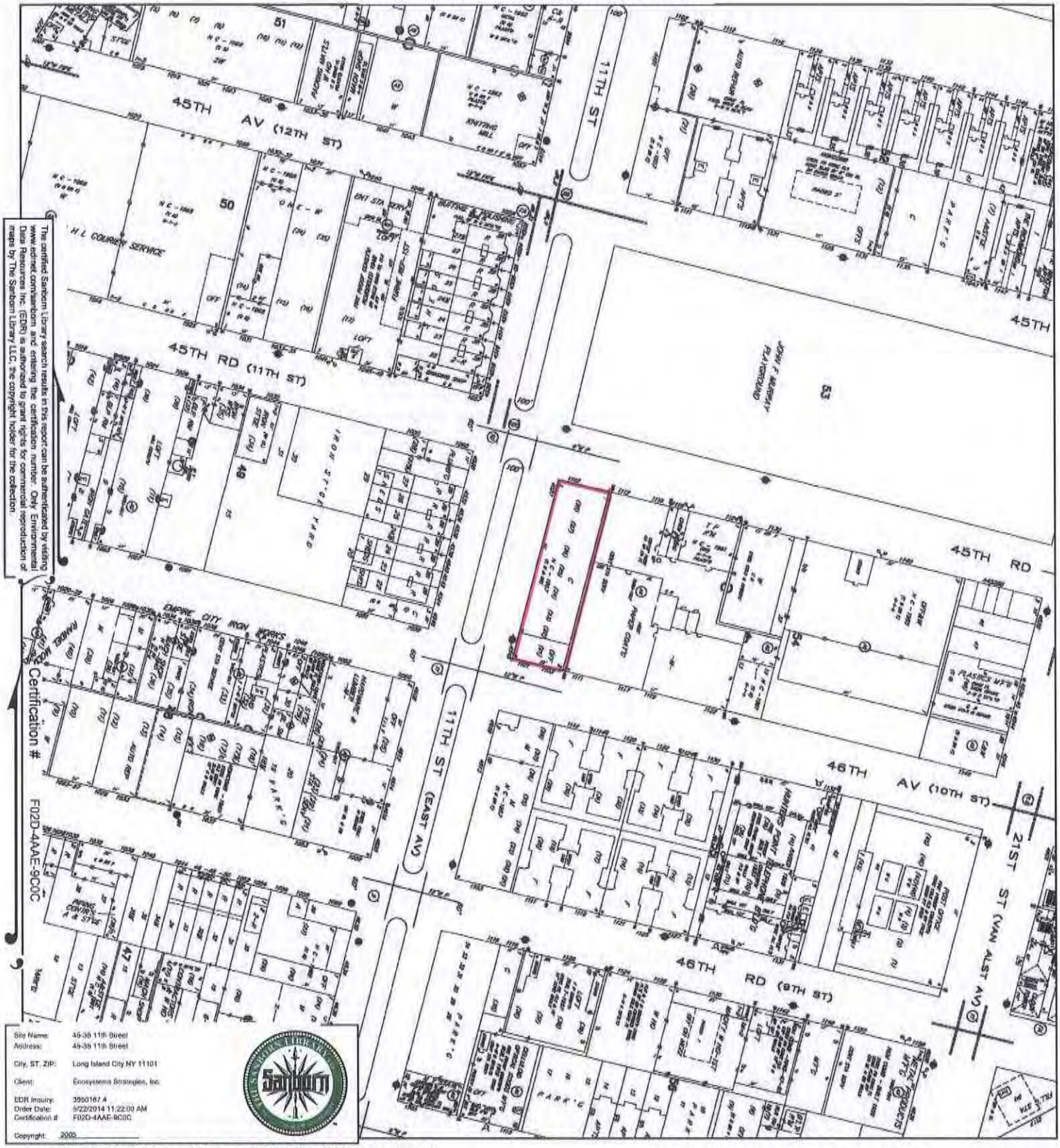
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

2005 Certified Sanborn Map



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Certification # F02D-4AAE-9C0C

Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	9/22/2014 11:22:00 AM
Certification #:	F02D-4AAE-9C0C
Copyright:	2005

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 19
Volume 1, Sheet 20
Volume 1, Sheet 13
Volume 1, Sheet 14

0 Feet 150 300 600

N

2006 Certified Sanborn Map

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Site Name:	45-35 11th Street
Address:	45-35 11th Street
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950167.4
Order Date:	5/22/2014 11:22:00 AM
Certification #:	F02D-4AAE-9C0C
Copyright:	2006

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

Volume 1, Sheet 13
Volume 1, Sheet 14
Volume 1, Sheet 19
Volume 1, Sheet 20

0 Feet 150 300 600

N

APPENDIX D

City Directory Abstracts

45-35 11th Street
45-35 11th Street
Long Island City, NY 11101

Inquiry Number: 3950167.5
May 23, 2014

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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 1922 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2008	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2005	Hill-Donnelly Information Services	X	X	X	-
2000	Cole Information Services	X	X	X	-
1996	NYNEX	-	X	X	-
1991	NYNEX Information Resource Company	-	X	X	-
1983	New York Telephone	-	X	X	-
1976	New York Telephone	-	X	X	-
1970	New York Telephone	-	X	X	-
1967	New York Telephone	-	X	X	-
1962	New York Telephone Directory	-	X	X	-
1950	New York Telephone	-	X	X	-
1945	New York Telephone	-	X	X	-
1939	New York Telephone Company	-	X	X	-
1934	R. L. Polk Co.	-	X	X	-
	R. L. Polk & Co.	-	X	X	-
1922	The Metropolitan Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

45-35 11th Street
Long Island City, NY 11101

FINDINGS DETAIL

Target Property research detail.

11TH ST

4535 11TH ST

Year	*Uses*	*Source*
2013	WAYLAND INDUSTRIES INC	Cole Information Services
2008	ASSEMBLY PROCESS CO INC	Cole Information Services
	WAYLAND INDUSTRIES INC	Cole Information Services
2005	Wayland Inc	Hill-Donnelly Information Services
2000	Wayland Indstrs	Cole Information Services

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

11TH PL

4616 11TH PL

Year	Uses	Source
1962	Wilson Ruth Mrs	New York Telephone Directory

11TH ST

4446 11TH ST

Year	Uses	Source
1939	Defiance Button Mach Co	New York Telephone Company
1934	Defiance Button Machine Co T H Newton fcty supt	R. L. Polk & Co.
	Newton Thos H supt Defiance Button Machine Co	R. L. Polk & Co.

4461 11TH ST

Year	Uses	Source
2013	ADVANCED ORTHOMEDICAL SUPPLIES	Cole Information Services
	WEILOKS FOR HEAD OF POND LLC	Cole Information Services
	WEILOKS	Cole Information Services
	ACQC	Cole Information Services
2008	LOCAL 805 WELFARE FUND	Cole Information Services
	DENNIS PHARMACY	Cole Information Services
	CITY RIDE TRANSPORTATION	Cole Information Services
2005	Acqc	Hill-Donnelly Information Services
	Teamsters Local Union	Hill-Donnelly Information Services
	Weil Oks For Head Pond LLC	Hill-Donnelly Information Services
	Hispanic Media	Hill-Donnelly Information Services
	Spanish Yellow Pages USA	Hill-Donnelly Information Services

4464 11TH ST

Year	Uses	Source
2008	WORKSHOP4464	Cole Information Services
2005	No Current Listing	Hill-Donnelly Information Services

FINDINGS

4469 11TH ST

Year	Uses	Source
2000	Lmntr Svce New York Fr	Cole Information Services
	Rauner & Straws Inc	Cole Information Services
	Crea Dor Jwlry Inc	Cole Information Services

4472 11TH ST

Year	Uses	Source
1945	Colonial Pipe & Supl Corp	New York Telephone
1939	Colonial Pipe & Supl Corp	New York Telephone Company
1934	Indiana Quartered Oak Co Inc NY Willard Winslow pres Herbert Mead v pres M G Taylor sec Willard Winslow treas whol lmbr	R. L. Polk & Co.

4480 11TH ST

Year	Uses	Source
2013	NEW CENTURY COLOR	Cole Information Services
	PROGRESS PRINTING CORP	Cole Information Services
	INK WORKS	Cole Information Services
2008	CAMERON GRAPHICS INC	Cole Information Services
	COMBO COLOR GRAPHICS INC	Cole Information Services
	ALL PRINTING LLC	Cole Information Services
	VISION LITHO INC	Cole Information Services
	HUTECH GRAPHICS INC	Cole Information Services
	PROGRESS PRINTING CORP	Cole Information Services
2005	Hutech Graphics is	Hill-Donnelly Information Services
	On Demand Printing 2 0 718 391 0066 o	Hill-Donnelly Information Services
	Vision Litho Inc	Hill-Donnelly Information Services
	Combo Color Graphics 1is	Hill-Donnelly Information Services
	Armen Digital Graphics i s	Hill-Donnelly Information Services
2000	45TH AV INTS FROM	Cole Information Services
	All City Swtchbrd	Cole Information Services

4502 11TH ST

Year	Uses	Source
2013	THIKANA ENTERPRISE INC	Cole Information Services
	M & M AUTO SVCE	Cole Information Services
2005	Thakana Enterprises Inc	Hill-Donnelly Information Services
2000	Thakana Entrprss	Cole Information Services
1939	Felli John garage	New York Telephone Company

FINDINGS

4504 11TH ST

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	Elena Pagan	Cole Information Services
	Elena Pagan	Cole Information Services
1945	Cappa Michl	New York Telephone
1934	Colfer Steph Rose varnish mkr	R. L. Polk & Co.
	Cappa Michl Carmela porter	R. L. Polk & Co.
	Cappa Rocco ship clk	R. L. Polk & Co.
	Cappa Anthony clk	R. L. Polk & Co.

4506 11TH ST

Year	Uses	Source
2005	Gilbert Andrew	Hill-Donnelly Information Services
2000	Vanessa C Pino	Cole Information Services
	Ana A Pino	Cole Information Services
1934	Young Wm Gertrude chauf	R. L. Polk & Co.
	Chase Clarence Anna clk	R. L. Polk & Co.

4508 11TH ST

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	J Mc Kinney	Cole Information Services
	Stephen Mack	Cole Information Services
1934	De Grace Jos clk	R. L. Polk & Co.
	De Grace Theresa sten	R. L. Polk & Co.
	Di Grace John A Frances tailor	R. L. Polk & Co.
	Di Grace Jos clk	R. L. Polk & Co.
	Di Grace Tessie clk	R. L. Polk & Co.
	Pompono Robt chem	R. L. Polk & Co.
	De Grace Dorothy student	R. L. Polk & Co.
	De Grace Anthony Frances tailor	R. L. Polk & Co.
	Pompono John Kath : Pompono & Visicara	R. L. Polk & Co.

4510 11TH ST

Year	Uses	Source
2008	SARI K LINNEHAN INTERIORS LTD	Cole Information Services
2005	H Linnehan 0 G A	Hill-Donnelly Information Services
2000	Mark Mc Elhatten	Cole Information Services
	David G Linnehan	Cole Information Services

FINDINGS

Year	Uses	Source
1939	Ll City Savings Bank Brdge Plz N ST Ilwel 46090	New York Telephone Company
	Ll City Registry For Nurses	New York Telephone Company
	Faust Elsie R prses rgstry	New York Telephone Company
1934	Birch Thos A clk	R. L. Polk & Co.
	Birch Helen clk	R. L. Polk & Co.
	Blihar Frank Blihar Spring & Body Shop	R. L. Polk & Co.
	Birch Anne Wid thos	R. L. Polk & Co.
	Hullep John Mamie auto repr	R. L. Polk & Co.

4512 11TH ST

Year	Uses	Source
2005	Valasek Mary	Hill-Donnelly Information Services
1945	Cioffi S	New York Telephone
1939	Cioffi S	New York Telephone Company
1934	Bizzaro Frank Jennie lab	R. L. Polk & Co.
	Bizzaro Michl Mary	R. L. Polk & Co.
	Ciofo Salvator Susan formn	R. L. Polk & Co.
	Di Grace Louise sweeper	R. L. Polk & Co.

4514 11TH ST

Year	Uses	Source
2005	HPalno TA AO	Hill-Donnelly Information Services
	Carr Maclean	Hill-Donnelly Information Services
	h Bean Kevin p	Hill-Donnelly Information Services
2000	Matt Dolingo	Cole Information Services
	Kevin Bean	Cole Information Services
1934	Incantalupo Thos Dorothy lithog	R. L. Polk & Co.

4516 11TH ST

Year	Uses	Source
2005	h Ulino Veronica Mrs Aa	Hill-Donnelly Information Services
2000	Veronica	Cole Information Services
1970	Ulino Robt	New York Telephone
1967	Ulino Robt	New York Telephone
1962	Ulino Robt	New York Telephone Directory
1945	Ulino Robt	New York Telephone
1934	Ulino Robt I Angelina agt Met Life Ins Co	R. L. Polk & Co.
	Smith Richd Amelia firemn	R. L. Polk & Co.

FINDINGS

4518 11TH ST

Year	Uses	Source
2005	h Tisne Claire	Hill-Donnelly Information Services
	Cruz Vanessa vv	Hill-Donnelly Information Services
	Untitled Management o	Hill-Donnelly Information Services
2000	J Mc Donnell	Cole Information Services
	Tsay Wen Ching	Cole Information Services
	Thomas Bosket	Cole Information Services
1934	Mc Goldrick Jas Margt tax comnr Brooklyn	R. L. Polk & Co.
	Mc Goldrick Wm clk	R. L. Polk & Co.

4520 11TH ST

Year	Uses	Source
2013	M C JEWELRY CORP	Cole Information Services
2005	M C Jewelry Corp	Hill-Donnelly Information Services
2000	45TH RD INTS FROM	Cole Information Services
	Jewelry Corp	Cole Information Services

4528 11TH ST

Year	Uses	Source
2013	MICHAEL W YOUNG ASSOCS INC	Cole Information Services
2008	MY DESIGN GROUP	Cole Information Services
2005	My Design Group Inc IP	Hill-Donnelly Information Services
2000	Mydesign Group Inc	Cole Information Services
	D Studio	Cole Information Services
	My Design Grp Inc	Cole Information Services
	Allstar Intrntl	Cole Information Services
	Mydesign Group Inc	Cole Information Services
1945	Mulligan Thos F plumbr	New York Telephone
1939	Mulligan Thos F plumbr	New York Telephone Company
1934	Mulligan Thos F Margt plmbr	R. L. Polk & Co.

4530 11TH ST

Year	Uses	Source
1939	Harding Theresa	New York Telephone Company
	Sullivan Timothy J	New York Telephone Company
1934	Rossiter Thos E	R. L. Polk & Co.
	Sullivan Timothy J Henrietta police	R. L. Polk & Co.
	Harding Theresa wid Jos	R. L. Polk & Co.
	Rossiter John letter carrier	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Rossiter Thos E jr auto mech	R. L. Polk & Co.

4532 11TH ST

Year	Uses	Source
2013	LLC TRUCKING CORP	Cole Information Services
2005	h Dwyer Jennifer A	Hill-Donnelly Information Services
	Lic Trucking Corp	Hill-Donnelly Information Services
	Dwyer R C	Hill-Donnelly Information Services
2000	Dwyer	Cole Information Services
	William Dwyer	Cole Information Services
1945	Alifano Rocco	New York Telephone
1934	Santangelo Louis elev opr	R. L. Polk & Co.
	Santangelo Gennaro Eugenia floatmn	R. L. Polk & Co.
	Calci Rudolph Virginia barber	R. L. Polk & Co.
	Alifano Rocco Anna chauf	R. L. Polk & Co.

4534 11TH ST

Year	Uses	Source
2005	h Schladweller Keith v	Hill-Donnelly Information Services
	H Martin G 718 784 3502 s	Hill-Donnelly Information Services
2000	Jason Mc Kim	Cole Information Services
	G Martin	Cole Information Services
1945	Smyth Jos	New York Telephone
1934	Glenn John J Margt trucking	R. L. Polk & Co.
	Glenn John J jr police Mhn	R. L. Polk & Co.
	Glenn Arth clk	R. L. Polk & Co.
	Donnelly Geo J Frances city firemn	R. L. Polk & Co.

4536 11TH ST

Year	Uses	Source
2005	h VIttlglio S	Hill-Donnelly Information Services
2000	Cathy Vittiglio	Cole Information Services
	Rolando Dur	Cole Information Services
	S Vittiglio	Cole Information Services
1934	Oliveri Vincent Theresa brass turner	R. L. Polk & Co.
	Oliveri Jos seamn	R. L. Polk & Co.
	Oliveri Christina tel opr	R. L. Polk & Co.
	Augustine Rocco Julia auto mech	R. L. Polk & Co.
	Augustine Louis Margt lab	R. L. Polk & Co.

FINDINGS

4538 11TH ST

Year	Uses	Source
2005	4540 NCL	Hill-Donnelly Information Services
2000	Hana A Dolgin	Cole Information Services
	Jason Sarach	Cole Information Services
1945	Carroll Dorothea A	New York Telephone
1934	Carroll Dan F	R. L. Polk & Co.
	Carroll Edw clk	R. L. Polk & Co.
	Carroll Gerald clk	R. L. Polk & Co.
	Carroll John J jr tchr	R. L. Polk & Co.
	Carroll John J Anna V slsmn	R. L. Polk & Co.

4540 11TH ST

Year	Uses	Source
2000	Catherine Mc Neil	Cole Information Services
1934	Higgins Sylvester Winefred exmng inspr Commnr of Accounts	R. L. Polk & Co.
	Henning Elizabeth bkpr	R. L. Polk & Co.
	Henning Jas clk	R. L. Polk & Co.
	Henning Helen G tchr	R. L. Polk & Co.

4542 11TH ST

Year	Uses	Source
2005	h Treanor Karen v	Hill-Donnelly Information Services
2000	Ann Ducati	Cole Information Services
	Karen Treanor	Cole Information Services
	J Reese	Cole Information Services
	Bethann Reese	Cole Information Services
1934	Dressler Aug Adelaide clk	R. L. Polk & Co.

4544 11TH ST

Year	Uses	Source
2005	Computer & Network Integrators	Hill-Donnelly Information Services
	is 718 784 9369 o	Hill-Donnelly Information Services
	Mcgoff Michael	Hill-Donnelly Information Services
	Verhurst Christine	Hill-Donnelly Information Services
	h Mcgoff Michael 718 937 5255 o	Hill-Donnelly Information Services
2000	Alvaro Caro	Cole Information Services
	Kazimierz Prostko	Cole Information Services
	Christine Verhulst	Cole Information Services
	Christine Verhurst	Cole Information Services

FINDINGS

Year	Uses	Source
2000	C Verhulst	Cole Information Services
1934	Kingston Saml Sweeper	R. L. Polk & Co.
	Walsh Edw sta eng	R. L. Polk & Co.
	Gallagher Patk lab	R. L. Polk & Co.

4546 11TH ST

Year	Uses	Source
2013	CCIA COMPUTER COOL AGE	Cole Information Services
2008	COMPUTERCOOL AIR CONDITIONING INC	Cole Information Services
	CCIA COMPUTER COOL AGE	Cole Information Services
	COMPUTER COOL ICEAGE MECHANICAL	Cole Information Services
2005	Ccla Inc	Hill-Donnelly Information Services
	Computercool Air Conditioning	Hill-Donnelly Information Services
2000	46TH AV INTS FROM	Cole Information Services
	Ccia Inc	Cole Information Services

4591 11TH ST

Year	Uses	Source
2005	465 Cars I	Hill-Donnelly Information Services

46-31 11TH ST

Year	Uses	Source
1950	SALOMONE ANTHONY W	New York Telephone

46-32 11TH ST

Year	Uses	Source
1950	MARINELLO M DELETTA MRS	New York Telephone

46-34 11TH ST

Year	Uses	Source
1950	WALTHAUSEN H	New York Telephone

46-37 11TH ST

Year	Uses	Source
1950	MORLARTY THOS F	New York Telephone

46-41 11TH ST

Year	Uses	Source
1950	CALVIN MARGARET V MRS	New York Telephone

FINDINGS

46-43 11TH ST

Year	Uses	Source
1950	BLECHI NICHOLAS	New York Telephone

46-44 11TH ST

Year	Uses	Source
1950	FAHNESTOCK ELEC CO INC	New York Telephone
	DERMOCARE FORMULA SOAP CORP	New York Telephone
	REINITZ SOAP CORP	New York Telephone
	SAFETY EXPRESS & TRUCKING INC	New York Telephone

4606 11TH ST

Year	Uses	Source
2013	SYMMETRY GROUP INC	Cole Information Services
2005	No Current Listing	Hill-Donnelly Information Services
2000	Bambl Reality	Cole Information Services
	Vistaar Inc	Cole Information Services
	Kuckuck Hommer	Cole Information Services
	Bures Cheml Syst	Cole Information Services

4609 11TH ST

Year	Uses	Source
2013	MERGE MARKETING	Cole Information Services
	BIG CITY GRAPHX & PRINTING	Cole Information Services
2008	BIG CITY GRAPH X & PRINTING	Cole Information Services
	MERGE MARKETING	Cole Information Services
	GENERAL INSULATION CO INC	Cole Information Services
2005	Pride Printing 2 o	Hill-Donnelly Information Services
	Merge Marketing 1 P	Hill-Donnelly Information Services
	General Insulation Inc	Hill-Donnelly Information Services
	Big City Graph X & Printing	Hill-Donnelly Information Services
2000	David Krohn	Cole Information Services
	Borgess Upholstery	Cole Information Services

4610 11TH ST

Year	Uses	Source
2013	MAJOR AIR SVCE CORP	Cole Information Services
2008	MAJOR AIR SERVICE CORP	Cole Information Services
	SHROID REALTY CO	Cole Information Services
2005	Major Air Svc Corp 2 o	Hill-Donnelly Information Services
2000	Shroid Constr Inc	Cole Information Services

FINDINGS

Year	Uses	Source
2000	Shroid Constr Inc	Cole Information Services
	46TH RD INTS FROM	Cole Information Services
1967	Flush Metal Partition Corp	New York Telephone
1962	Flush Metal Partition Corp	New York Telephone Directory
	Rachlin Geo lwyr	New York Telephone Directory
1945	Flush Metal Partition Corp	New York Telephone
	Rachlin Geo lwyr	New York Telephone

4613 11TH ST

Year	Uses	Source
1962	AAA Bindry Corp	New York Telephone Directory

4614 11TH ST

Year	Uses	Source
1934	Monahan John clk	R. L. Polk & Co.

4620 11TH ST

Year	Uses	Source
2013	4620 11 ST LLC	Cole Information Services
2008	AIR TECH COOLING INC	Cole Information Services
2005	Rush Forest LLC	Hill-Donnelly Information Services
1934	Donnelly Cath	R. L. Polk & Co.
	Donnelly Helen C libraian Queens Boro Pub Lib	R. L. Polk & Co.
	Donnelly John J swtchmn	R. L. Polk & Co.
	Donnelly Kath M clk	R. L. Polk & Co.
	Donnelly Mae sten	R. L. Polk & Co.
	Donnelly Maru clk pres BQ	R. L. Polk & Co.

4627 11TH ST

Year	Uses	Source
1934	Fazio Philip Josephine prsr	R. L. Polk & Co.
	Marzano Danl Angelina lab	R. L. Polk & Co.

4629 11TH ST

Year	Uses	Source
1934	Polachek Mary wid Herman	R. L. Polk & Co.
	Rapaport Charlotte Polachek & Repaport	R. L. Polk & Co.
	Polachek Ely Charlotte Polachek & Rapaport	R. L. Polk & Co.

FINDINGS

4630 11TH ST

Year	Uses	Source
1934	Cook Fredk Eleanor lab	R. L. Polk & Co.
	Cook Fredk jr lab	R. L. Polk & Co.

4631 11TH ST

Year	Uses	Source
1934	De Canio Carmela lndrymn	R. L. Polk & Co.
	De Canio Danl Jenny elev opr	R. L. Polk & Co.
	De Canio Lucy midwife	R. L. Polk & Co.
	De Canio Salvator Lucy confr	R. L. Polk & Co.
	Felli John Lucy auto mech	R. L. Polk & Co.

4632 11TH ST

Year	Uses	Source
2005	Interstate Exterminating Svc	Hill-Donnelly Information Services
2000	Reutokil	Cole Information Services
	Intrstt Extrem Svc	Cole Information Services
1934	Gween Agnes wid Harry	R. L. Polk & Co.
	Conway Richd lab	R. L. Polk & Co.
	Conway Peter jr clk	R. L. Polk & Co.
	Conway Peter lab	R. L. Polk & Co.
	Conway Francis ship clk	R. L. Polk & Co.

4633 11TH ST

Year	Uses	Source
1934	Monahan Frank blmkr	R. L. Polk & Co.
	Monahan Frank Maryu	R. L. Polk & Co.

4634 11TH ST

Year	Uses	Source
2013	RENTOKIL	Cole Information Services
	PINNACLE REALTY OF NY LLC	Cole Information Services
2008	DON ALAN REALTY ASSOCIATES INC	Cole Information Services
	RENTOKIL INC	Cole Information Services
	RENTOKIL INC PEST CONTROL SERVICE	Cole Information Services
2005	Rentokil Pest Control Svc	Hill-Donnelly Information Services
	Don Alan Realty Assoc Inc	Hill-Donnelly Information Services
2000	Don ALN Rity Assoc	Cole Information Services
1934	Mc Vey Mary wid Henry	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Conlin Thos lab	R. L. Polk & Co.
	Mc Vey	R. L. Polk & Co.

4635 11TH ST

Year	Uses	Source
1934	Hays Nellie wid Timothy	R. L. Polk & Co.
	Ronan Elizabeth	R. L. Polk & Co.

4636 11TH ST

Year	Uses	Source
2013	MAVERICK CATERERS	Cole Information Services
2008	SAGE AMERICAN KITCHEN	Cole Information Services
2005	Cafe St Barts	Hill-Donnelly Information Services
	Sage American Kitchen 1n	Hill-Donnelly Information Services
1934	Babeuf Wm Mary firemn	R. L. Polk & Co.
	Maher Wm sweeper	R. L. Polk & Co.

4637 11TH ST

Year	Uses	Source
1934	Freeman Benj carrier PO	R. L. Polk & Co.

4639 11TH ST

Year	Uses	Source
1934	Garrett Cath	R. L. Polk & Co.
	Garrett Jas pntr	R. L. Polk & Co.

4641 11TH ST

Year	Uses	Source
1945	OBrien M Miss	New York Telephone
1939	OBrien M Miss	New York Telephone Company
1934	OBrien Patk Margt	R. L. Polk & Co.
	Monahan Delia Wid Patk	R. L. Polk & Co.
	OBrien Mary drsmkr	R. L. Polk & Co.

4643 11TH ST

Year	Uses	Source
1939	Miller E G	New York Telephone Company
1934	Mc Grath Thos Cath wtchmn	R. L. Polk & Co.
	Mc Grath John lab	R. L. Polk & Co.

FINDINGS

4644 11TH ST

Year	Uses	Source
2013	COLOR GRAPHIC PRESS INCORPORATED	Cole Information Services
2008	NEW YORK EMBLEMS & AWARDS	Cole Information Services
	SIMBA AWARDS LTD	Cole Information Services
2005	Drasdn Enterprise Inc	Hill-Donnelly Information Services
2000	Robert Kingston	Cole Information Services
	Timothy Lee	Cole Information Services
	Douglas Metzler	Cole Information Services
	47TH AV INTS FROM	Cole Information Services
	Simba Awards Ltd	Cole Information Services
	New York Emblerns & Awards	Cole Information Services
	Color Graphic PRS	Cole Information Services
1945	Reinitz F & Co Inc soaps	New York Telephone
1939	Fahnestock Electric Co	New York Telephone Company
1934	Govett Limited Y Thos Govett pres Ernest Clegg v pres Albert A Danda sec Ernest H Govett treas chemists mfrs	R. L. Polk & Co.
	Collene Laboratories Inc NY A L Ferguson pres A A Galich sec Mrs Percy H Williams treas chemists	R. L. Polk & Co.
	Fahnestock Electric Co W Va Archie P Fabnestock pres Frank Fahnestock v pres Alf A Danda sec treas	R. L. Polk & Co.

4645 11TH ST

Year	Uses	Source
1934	Bales Arth lab	R. L. Polk & Co.

4647 11TH ST

Year	Uses	Source
1934	Melican John Agnes lab	R. L. Polk & Co.
	Mc Cartan Jas lab	R. L. Polk & Co.

4649 11TH ST

Year	Uses	Source
1939	Barrett Almyra Mrs	New York Telephone Company
1934	Barrett John Almyra clk	R. L. Polk & Co.

4653 11TH ST

Year	Uses	Source
1939	Augente F S	New York Telephone Company

Year	Uses	Source
1934	Augente Frank S clk	R. L. Polk & Co.
	Augente Michl	R. L. Polk & Co.

21ST ST

4528 21ST ST

Year	Uses	Source
2013	MEDICAL OFFICE	Cole Information Services
	QUANTECH CORP	Cole Information Services
	PARKVIEW DENTAL CENTER	Cole Information Services
	POLICE SURVIVORS FUND	Cole Information Services
2008	PARKVIEW DENTAL CENTER	Cole Information Services
	FRANCISCO & VICENTE MDS	Cole Information Services
	SEA VIEW DENTAL PC	Cole Information Services
	QUANTECH CORP	Cole Information Services
	ANGELOS GEORGOPOULOS PC	Cole Information Services
	POLICE PAGES INC	Cole Information Services
	MEDICAL OFFICE	Cole Information Services

4536 21ST ST

Year	Uses	Source
1976	HUTZLER MFG CO plstcs	New York Telephone
1970	HUTZLER MFG CO plstcs	New York Telephone
1967	HUTZLER MFG CO plstcs	New York Telephone
1962	HUTZLER MFG CO plstcs	New York Telephone Directory

4537 21ST ST

Year	Uses	Source
2013	METROCOM SVCES INC	Cole Information Services
2008	TUTTLE ROOFING CO INC	Cole Information Services
2005	Tuttle Roofing Co Inc	Hill-Donnelly Information Services
1991	Pioneer Graphics Inc	NYNEX Information Resource Company
	Pioneer Graphics Inc	NYNEX Information Resource Company
1983	IDEAL ROOFING & SHEET METALS CORP	New York Telephone
1976	Arrow Bldg Restoration Inc	New York Telephone
1970	Heffron Z F	New York Telephone
1967	Oldford Edw J	New York Telephone
1962	Oldford Edw J	New York Telephone Directory
	Kottl Warren	New York Telephone Directory

FINDINGS

Year	Uses	Source
1945	Bruschi Margaret	New York Telephone
	OLeary Arthur E	New York Telephone
1934	Bruschi John Jane hlpr	R. L. Polk & Co.
	OLeary Arth clk	R. L. Polk & Co.
	Opperman Chas mach	R. L. Polk & Co.

4539 21ST ST

Year	Uses	Source
2005	h Brown Paul A	Hill-Donnelly Information Services
	Sbihi Amin v 718	Hill-Donnelly Information Services
1991	Barthelemy Ricardo	NYNEX Information Resource Company
	Tastaeca Waldo L	NYNEX Information Resource Company
1983	Barthelemy Ricardo	New York Telephone
	Tastaca Waldo L	New York Telephone
1976	Aviles Michael	New York Telephone
1970	DeMartino Catherine M	New York Telephone
	Oldford Edward A Jr	New York Telephone
1967	DeMartino Catherine M	New York Telephone
1962	DeMartino Catherine M	New York Telephone Directory
	Drowica Al	New York Telephone Directory
1945	Haefelin Martha Mrs	New York Telephone
	Jaeger Marie Mrs	New York Telephone
1939	Haefelin Martha Mrs	New York Telephone Company
1934	Haefelin Martha wid Jos midwife	R. L. Polk & Co.
	Herlihy Hannah wid Patk	R. L. Polk & Co.
	Herlihy Hannah wid Patk	R. L. Polk & Co.
	Schiller John Margt meat ctr	R. L. Polk & Co.
	Sciller John Margt meats	R. L. Polk & Co.

4540 21ST ST

Year	Uses	Source
2013	TCM CORP	Cole Information Services
	FORTUNE PAPER COMPANY INCORPORATED	Cole Information Services
	BEAM SUPPLY	Cole Information Services
2005	East Coast Plastic Bag Co	Hill-Donnelly Information Services
	Fortune Paper Co Inc	Hill-Donnelly Information Services
	Supplies Unlimited LLC	Hill-Donnelly Information Services
	Beam Supply	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
1991	Fortune Paper Co Inc	NYNEX Information Resource Company
1983	Beam Supply Inc	New York Telephone
1976	Lopol Inc	New York Telephone
1970	Plas Kit Co kitchenwares	New York Telephone
1967	Plas Kit Co kitchenwares	New York Telephone
1962	Plas Kit Co kitchenwarcs	New York Telephone Directory

4543 21ST ST

Year	Uses	Source
2013	JUSLER ELECTRIC	Cole Information Services
2008	SCHINDLER ELEVATOR CORP	Cole Information Services
2005	Boom Construction Inc 20 718 937 3517 o	Hill-Donnelly Information Services
1983	Oller Lourdes	New York Telephone
	Castro T T	New York Telephone
	Castro Carmina T	New York Telephone
1970	Murray Lawrence J	New York Telephone
1967	Murray Lawrence J	New York Telephone
1962	Murray Lawrence J	New York Telephone Directory
1945	Curran John J	New York Telephone
1934	Murry Lawrence Mary printer	R. L. Polk & Co.
	Murray Peter printer	R. L. Polk & Co.
	Murray Della Peter	R. L. Polk & Co.
	Murray Ann clk	R. L. Polk & Co.

4544 21ST ST

Year	Uses	Source
1939	Heim Edw Rev	New York Telephone Company
1934	Heim Edw rector St Johns Church	R. L. Polk & Co.

4545 21ST ST

Year	Uses	Source
2005	h Austria Amalia A	Hill-Donnelly Information Services
	Gatus Wemer	Hill-Donnelly Information Services
	H Gatus Demetria O 718 937 9710 oo	Hill-Donnelly Information Services
1991	Pagan Elena S	NYNEX Information Resource Company
1983	Pagan Maria I	New York Telephone
	Pagan Elena S	New York Telephone
1970	Walsh Maura R	New York Telephone
1967	Walsh Maura R	New York Telephone

FINDINGS

Year	Uses	Source
1962	Walsh Maura R	New York Telephone Directory
1945	Walsh Thos	New York Telephone
	Flanagan Nellie Mrs	New York Telephone
1934	Walsh Thos Frances chauf	R. L. Polk & Co.
	Turley Mary	R. L. Polk & Co.
	Kline Anna	R. L. Polk & Co.

4546 21ST ST

Year	Uses	Source
2013	ASYMPTOTE ARCHITECTURE	Cole Information Services
	WEIL OKS	Cole Information Services
2008	NEW NY METROPOHITAN TRANSPORTATION C	Cole Information Services
	NEW YORK OFFICE SYSTEMS INC	Cole Information Services
2005	Garth Clark Gallerys Project	Hill-Donnelly Information Services
1983	Private Sanitation Union Local	New York Telephone
	Private Industry Council	New York Telephone
	Career Svce Inc	New York Telephone
1976	Alloy Casting Co	New York Telephone
1970	Wrhse	New York Telephone
1967	Wrhse	New York Telephone
1962	Schneiders Peter Sons & Co uphlstry fabrcs	New York Telephone Directory
	Wrhse	New York Telephone Directory
	GAS CONSUMERS SVCE emergncy genl ofc	New York Telephone Directory

4587 21ST ST

Year	Uses	Source
1934	Flyn John	R. L. Polk & Co.

4601 21ST ST

Year	Uses	Source
2013	P S ONE	Cole Information Services
	M WELLS DINETTE	Cole Information Services
2008	INSTITUTE FOR CONTEMPORARY ART	Cole Information Services
2005	Institute Contemporary Art	Hill-Donnelly Information Services
1991	P S One Div Of Inst For Art & Urban Resources Inc	NYNEX Information Resource Company
1983	Institute For Art & Urban Resources Inc	New York Telephone
	Kaps Ferne b	New York Telephone

Year	Uses	Source
1983	Mac Lennan T	New York Telephone
	P S One Div Of Inst For Art & Urban Resources Inc	New York Telephone
	Scharf Kenny	New York Telephone
1976	Economic Opportunity Act Adult Educ	New York Telephone
1970	Economic Opportunity Act Adult Educ	New York Telephone
1967	Economic Opportunity Act Adult Educ	New York Telephone

4602 21ST ST

Year	Uses	Source
2013	AMERICAN POSTAL WORKERS UNIT LOCAL 1	Cole Information Services
	LL CITY POSTAL EMPLOYEES FED CREDIT	Cole Information Services
2008	UNITED STATES POSTAL SERVICE	Cole Information Services
	LI CITY POSTAL EMPLOYEES FED CREDIT	Cole Information Services

44TH DR

1056 44TH DR

Year	Uses	Source
1934	Lauer Frank Marie slsmn	R. L. Polk & Co.

1105 44TH DR

Year	Uses	Source
2013	DIGITAL INK	Cole Information Services
	COSMOS COMMUNICATIONS	Cole Information Services
	HARLIN PRINTING SERVICES INC	Cole Information Services
	LC PREMIUM LTD	Cole Information Services
2008	WINSON SURNAMER INC	Cole Information Services
	COSMOS COMMUNICATIONS INC	Cole Information Services
	ALTERNATIVE SOURCE CATALOG CO	Cole Information Services
2005	Catalog King 2 R	Hill-Donnelly Information Services
	Cosmos Communications Inc	Hill-Donnelly Information Services
	Mohican Press	Hill-Donnelly Information Services
	Winson Sumamer Inc	Hill-Donnelly Information Services
2000	Cosmos Cmmnctns	Cole Information Services
	Winson Smmir Inc	Cole Information Services
1991	Cosmos Communications Inc	NYNEX Information Resource Company
	Doublet Festitub	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Performance Designs Inc	NYNEX Information Resource Company
	Seal Kap Packaging Inc	NYNEX Information Resource Company
1983	Seal Kap Packaging Inc	New York Telephone
	Seal Kap Packaging Inc	New York Telephone
1970	Haskon Inc	New York Telephone
1967	Haskon Inc	New York Telephone
1962	Amer Seal Kap Corp	New York Telephone Directory
	Constellation Cup Corp	New York Telephone Directory
	Seal Kap Co	New York Telephone Directory
1945	Seal Kap Co	New York Telephone
	Amer Seal Kap Corp	New York Telephone
1939	American Seal Kap Corp	New York Telephone Company
	Seal Kap Co	New York Telephone Company
1934	ODonnell Geo K pres Am Seal Kap Corp	R. L. Polk & Co.

1110 44TH DR

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services

1111 44TH DR

Year	Uses	Source
2013	CELNET COMMUNICATIONS	Cole Information Services
	ONE TO ONE INC	Cole Information Services
2008	THE PERFECT CONNECTION GROUP LLC	Cole Information Services
	THE CELLULAR NETWORK COMMUNICATION G	Cole Information Services
	1818 AVE N LLC	Cole Information Services
	MATRIX MARKETING SERVICE INC	Cole Information Services
2005	Cel Net Communications	Hill-Donnelly Information Services
1991	BERGER GLASS & LOCK CO	NYNEX Information Resource Company
1934	Royal Blue Line Jos Cook forma	R. L. Polk & Co.

1112 44TH DR

Year	Uses	Source
1991	Luigis Sport Car Repr	NYNEX Information Resource Company
1983	Frenchs Acassan & Genl Goods Inc	New York Telephone
	ATLAM AUTO BODY SHOP	New York Telephone
	The French Acassan & Genl Goods Inc	New York Telephone
1976	Climaster Inc	New York Telephone

FINDINGS

Year	Uses	Source
1970	Toyo Rug CoLtd	New York Telephone

1114 44TH DR

Year	Uses	Source
1962	Cruz Hector	New York Telephone Directory
1934	Coln Frank Kate chauf	R. L. Polk & Co.

1116 44TH DR

Year	Uses	Source
2013	POSADA BROTHERS AUTO	Cole Information Services
2008	POSADA BROTHERS AUTO REPAIR	Cole Information Services
2005	Posada Brothers Auto Repair	Hill-Donnelly Information Services
2000	Posada Bros At Rpr	Cole Information Services
1991	LUIGIS SPORTS CAR REPAIR INC	NYNEX Information Resource Company
1970	Hotel & Theatr Carpt Corp wrhse	New York Telephone
1945	Udylite Corp	New York Telephone

1121 44TH DR

Year	Uses	Source
2013	LOCKS & LOCKSMITHS	Cole Information Services
	MY LOCKSMITH	Cole Information Services

1133 44TH DR

Year	Uses	Source
1934	Passarelle Anthony Rose plstr	R. L. Polk & Co.

1134 44TH DR

Year	Uses	Source
2005	h Antell K v 718 361 6988 oo	Hill-Donnelly Information Services
	Ditzler Anne	Hill-Donnelly Information Services
	h Mommaas Marc 718 482 1345 oo	Hill-Donnelly Information Services
	h Sabater Gloria AO	Hill-Donnelly Information Services
	h Trinidad Andres AV	Hill-Donnelly Information Services
	Zelig Shauna v O	Hill-Donnelly Information Services
2000	James Bove	Cole Information Services
1991	Eldredge Lynn	NYNEX Information Resource Company
	Gobaira Valerie	NYNEX Information Resource Company
	Johnston Gail	NYNEX Information Resource Company
	Mac Namara Pete	NYNEX Information Resource Company
	Martinez Virginia Mrs	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Ng Scott	NYNEX Information Resource Company
	Nova Christian	NYNEX Information Resource Company
	Popiel E	NYNEX Information Resource Company
	Trinidad Andres	NYNEX Information Resource Company
	Vankeuren Kirsten	NYNEX Information Resource Company
1983	Mendoza Amoldo	New York Telephone
1976	Hager Stephen	New York Telephone
1970	Almodovar Mirtha	New York Telephone
	Dominguez Jose	New York Telephone
	Hager Stephen	New York Telephone
	Martinez Virginia Mrs	New York Telephone
	Morales Crisostomo	New York Telephone
1967	Dominguez Jose	New York Telephone
	Fries John A	New York Telephone
	Holbrook Chas E	New York Telephone
	Rodriguez Ramon	New York Telephone
1962	Caldicott Florence	New York Telephone Directory
	Dominguez Jose	New York Telephone Directory
	Fries John A	New York Telephone Directory
	Lo Presti Giuseppe	New York Telephone Directory
	Ramirez Carmen	New York Telephone Directory
	Santana Jose	New York Telephone Directory
	Stanisci Jos J	New York Telephone Directory
1934	Bodeker Otto Susan lab	R. L. Polk & Co.
	Brady Peter J porter	R. L. Polk & Co.
	Cook Alex sarah Ironwkr	R. L. Polk & Co.
	Devlin John J lab	R. L. Polk & Co.
	Fowler John Eleanor handymn	R. L. Polk & Co.
	Gaffney Patk J Agnes lab	R. L. Polk & Co.
	Halloran Michl A ct atndt	R. L. Polk & Co.
	Hayes Lillian	R. L. Polk & Co.
	Hayes Patk J Delia police	R. L. Polk & Co.
	Kyne Timothy Delia hlpr Dept Sanita	R. L. Polk & Co.
	Kyne Timothy seamn	R. L. Polk & Co.
	Lynch Thos fcty wkr	R. L. Polk & Co.
	Mc Shane Peter Rose lab	R. L. Polk & Co.
	Murray Hugh Rowena gas atndt Mhn	R. L. Polk & Co.
	Pathe Jas J Delia lab	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Robidoux Edw Stella show opr	R. L. Polk & Co.
	Smith Thos Mary supvr	R. L. Polk & Co.
	Sullivan Cornelius Margt blksmith	R. L. Polk & Co.
	Turner Howard capper	R. L. Polk & Co.
	Turner John sta eng	R. L. Polk & Co.
	Turner Jos Jennie lab	R. L. Polk & Co.
	Turner Jos jr auto mech	R. L. Polk & Co.

1136 44TH DR

Year	Uses	Source
2008	FANCY PLUS SIZE DRESSES	Cole Information Services
2005	Muti Unit Address	Hill-Donnelly Information Services
	Numbr 10 h Bedoya Henry v	Hill-Donnelly Information Services
	Chavero Jorge	Hill-Donnelly Information Services
	Numbr 7 h Oiff Obrd Leonora A	Hill-Donnelly Information Services
	Fancy Plus Size Dresses	Hill-Donnelly Information Services
	Numbr 1 Knapp Daniel v	Hill-Donnelly Information Services
	Numbr 8 h Perez Dionicao 00 718 786 9794 a	Hill-Donnelly Information Services
	Numbr 13 h Perez Frandsca	Hill-Donnelly Information Services
	Pope Brielle v	Hill-Donnelly Information Services
	Numbr 5 h Quintero Luis A	Hill-Donnelly Information Services
2000	Apartments Henry Bedoya Jr	Cole Information Services
	Hugo Bravo	Cole Information Services
	Bertha Carlin	Cole Information Services
1991	Carlin Bertha	NYNEX Information Resource Company
	Arocho Argentina	NYNEX Information Resource Company
	Bedoya Henry	NYNEX Information Resource Company
	Chaux Luis Alberto	NYNEX Information Resource Company
	Clifford Leonora	NYNEX Information Resource Company
	De Leon Jose	NYNEX Information Resource Company
	Mulholland Julia	NYNEX Information Resource Company
	Perez Dionicio	NYNEX Information Resource Company
1983	Carlin Bertha	New York Telephone
	Mulholland Julia Mrs	New York Telephone
1976	Ayala Marcelo	New York Telephone
	Carlin Bertha	New York Telephone
	Cruz Luis	New York Telephone
	Domenech Rosa	New York Telephone

FINDINGS

Year	Uses	Source
1976	Estrella F	New York Telephone
1970	Carlin Benna	New York Telephone
	Domenech Rosa	New York Telephone
	Medina Guillermo	New York Telephone
	Mulholland Julia Mrs	New York Telephone
	Munoz Gerardo	New York Telephone
	Rosado Josefa	New York Telephone
1967	Almirall Bartolo	New York Telephone
	Boghosian Sara	New York Telephone
	Carlin Bertha	New York Telephone
	de losSantos Pedro	New York Telephone
	Domenech Rosa	New York Telephone
	Griffin Desnsond	New York Telephone
	Hager Stephen	New York Telephone
	Landusky Frank	New York Telephone
	Mulholland Julia Mrs	New York Telephone
	Sarbak Chester	New York Telephone
	Weser Lena Mrs	New York Telephone
1962	Barbagallo Alfio	New York Telephone Directory
	Boghosiats Chas	New York Telephone Directory
	Boghosian Sara	New York Telephone Directory
	Carlin Bertha	New York Telephone Directory
	Franqui Jose	New York Telephone Directory
	Hager Stephens	New York Telephone Directory
	Mills Maureen	New York Telephone Directory
	Pabon Alice	New York Telephone Directory
	Pereira Frank	New York Telephone Directory
	Wellstood Jas C	New York Telephone Directory
	Weser Lena Mrs	New York Telephone Directory
1945	Barone Anthony	New York Telephone
1939	Synek Jerry	New York Telephone Company
1934	Beaton Wm Helen carp	R. L. Polk & Co.
	Brown Thos lab	R. L. Polk & Co.
	Devyer R eng Bonefide Cleaning & Dyeing Inc	R. L. Polk & Co.
	Dwyer Robt Margt eng	R. L. Polk & Co.
	Garvey Nora wid Owen dom	R. L. Polk & Co.
	Kimmel Meyer Mary shoe opr	R. L. Polk & Co.
	Ladisa Frank Laura printer	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Lebedeff Alex pntr	R. L. Polk & Co.
	Lebedeff Nicholas elev opr	R. L. Polk & Co.
	Loughlin John Margt brakemn	R. L. Polk & Co.
	Luongn Michl Mildred lab	R. L. Polk & Co.
	Mc Guire John Amelia bus driver	R. L. Polk & Co.
	Raymond Geo Ethel restr mgr	R. L. Polk & Co.
	Vazquez Cecilia Mrs	R. L. Polk & Co.
	Vazquez Louis Andrew J presser	R. L. Polk & Co.
	Wepner Wm H Anna police	R. L. Polk & Co.
	Carlin John Bertha hlpr	R. L. Polk & Co.

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Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 12 h Arias Jose Luis 7 718 472 4983 oo	Hill-Donnelly Information Services
	Numbr 6 h Connors Tracy	Hill-Donnelly Information Services
	Numbr 12 Di Masi Marietta AV	Hill-Donnelly Information Services
	Numbr 5 h Duran Rina	Hill-Donnelly Information Services
	Espina Tinia	Hill-Donnelly Information Services
	Numbr 2 h Holbrook Craig	Hill-Donnelly Information Services
	Juan Emigdio v	Hill-Donnelly Information Services
	Numbr 10 h Lara Oscar	Hill-Donnelly Information Services
	Numbr 16 h Pena Juan v 718 784 8239 00oo	Hill-Donnelly Information Services
	h Peraza Francsca v	Hill-Donnelly Information Services
2000	Apartments Abraham Almodovar	Cole Information Services
	Jose L Arias	Cole Information Services
	Jose Charrez	Cole Information Services
	Marietta Dimasi	Cole Information Services
	Hal Holbrook	Cole Information Services
	Oscar Lar	Cole Information Services
	Francisca Peraz	Cole Information Services
	Angela Rodriguez	Cole Information Services
1991	Cardona Luz Amparo	NYNEX Information Resource Company
	Buckley Sandra	NYNEX Information Resource Company
	Creighton Jennifer	NYNEX Information Resource Company
	Di Masi Joseph Jr	NYNEX Information Resource Company
	Frierson John	NYNEX Information Resource Company
	Heffernan Margaret	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Hobrook Harold	NYNEX Information Resource Company
	Hoiwrook Limousines	NYNEX Information Resource Company
	Lara Oscar	NYNEX Information Resource Company
	Rave Gladys	NYNEX Information Resource Company
	Vasquez Luciana	NYNEX Information Resource Company
1983	Di Masi Joseph Jr	New York Telephone
	Holbrook Limousines	New York Telephone
	Mason Victor	New York Telephone
	Sendzik Edw	New York Telephone
	Stanisci A J	New York Telephone
	Telesca Marie	New York Telephone
	Santillan Sixto	New York Telephone
1976	Di Masi R B	New York Telephone
1970	Cannizzo Rose	New York Telephone
	Guglielmi Thos	New York Telephone
	Holbrook Harold	New York Telephone
	Ricotta Peter	New York Telephone
	Schmidt John	New York Telephone
	Tarsitano Napoleone	New York Telephone
	Telesca Frank	New York Telephone
1967	Eberl Herbert	New York Telephone
	Gil Cesarlo	New York Telephone
	Guglielmi Thos	New York Telephone
	Holbrook Harold	New York Telephone
	Lisa Rose Mrs	New York Telephone
	Petarban Jullio	New York Telephone
	Rico Frank J	New York Telephone
	Ricotta Peter	New York Telephone
	Telesca Frank	New York Telephone
1962	Barone Anthony	New York Telephone Directory
	Brown E J	New York Telephone Directory
	DiMasi Jos V	New York Telephone Directory
	Gil Cesario	New York Telephone Directory
	Guglielmi Thos	New York Telephone Directory
	Rico Frank J	New York Telephone Directory
	Sendzik Edw	New York Telephone Directory
	Shchurko Waiter	New York Telephone Directory
	Stanisci A J	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Telesca Frank	New York Telephone Directory
1945	Asen A Mrs	New York Telephone
	Schwartz Ignatz	New York Telephone
	Walsh May V	New York Telephone
1939	Schwartz Ignatz	New York Telephone Company
1934	Blessinger Adelaide Mrs waitress	R. L. Polk & Co.
	Brodsky Nathan Kate pntr	R. L. Polk & Co.
	Deutsch Julia	R. L. Polk & Co.
	Fichtel Jos kitchenmn	R. L. Polk & Co.
	Gablenz Minnie wid Wm	R. L. Polk & Co.
	Hodi Alex Hermina carp	R. L. Polk & Co.
	Hodi Lanzo chauf	R. L. Polk & Co.
	Mc Neil Alex Mary carp	R. L. Polk & Co.
	Mc Neil John Cath lab	R. L. Polk & Co.
	Palumbo Anthony Margt chauf Mhn	R. L. Polk & Co.
	Palumbo Jos chauf Mhn	R. L. Polk & Co.
	Reid John P Eva M carp	R. L. Polk & Co.
	Rubino Geo Mary bldg supt	R. L. Polk & Co.
	Schwartz Ignatz Anna mech	R. L. Polk & Co.
	Schwartz Isidor Gertrude confr	R. L. Polk & Co.
	Tepesco Frank Susan chauf	R. L. Polk & Co.
	Wagner Jos Mary waiter	R. L. Polk & Co.
	Hodi Mary actress	R. L. Polk & Co.

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Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	h Allaico Segundo	Hill-Donnelly Information Services
	Numbr 14 h Aragon Salome 0v	Hill-Donnelly Information Services
	Bayron I A	Hill-Donnelly Information Services
	Galvez 3orge Najera	Hill-Donnelly Information Services
	Numbr 2 h Heyliger Maria AV	Hill-Donnelly Information Services
	Maynato Maria	Hill-Donnelly Information Services
	Perez Felino	Hill-Donnelly Information Services
	Tirado Luzdary	Hill-Donnelly Information Services
	Numbr 6 h Viveros Maria AV 718 392 0896 as	Hill-Donnelly Information Services
2000	Apartments Segundo Allaico	Cole Information Services
	Salome Aragon	Cole Information Services

FINDINGS

Year	Uses	Source
2000	Jezreel Arias	Cole Information Services
	Jorge N Galvez	Cole Information Services
	Maria Heyliger	Cole Information Services
	Felino Perez	Cole Information Services
	Nilufa Shirin	Cole Information Services
	Gustavo Vicente	Cole Information Services
1991	Mejia Juan Manuel	NYNEX Information Resource Company
	Mercado Domingo	NYNEX Information Resource Company
	Murillo Jose	NYNEX Information Resource Company
	Perez Felino	NYNEX Information Resource Company
	Price William	NYNEX Information Resource Company
	Ramsingh Harry	NYNEX Information Resource Company
	Richards I	NYNEX Information Resource Company
	Vicente Gustavo	NYNEX Information Resource Company
	Viveros Maria	NYNEX Information Resource Company
	Aragon Rosalina	NYNEX Information Resource Company
	Cruz Grisel	NYNEX Information Resource Company
	Garcia Francisco	NYNEX Information Resource Company
1983	Cabreja Cladio	New York Telephone
	Garcia Francisco	New York Telephone
	Lara Altagracia	New York Telephone
	Mencia D	New York Telephone
	Richards I	New York Telephone
	Singh J	New York Telephone
	Villaman Pablo	New York Telephone
1976	Cadreja Cladio	New York Telephone
	Garcia Francisco	New York Telephone
	Lara Altagracia	New York Telephone
1970	Cadreja Cladio	New York Telephone
	Garcia Francisco	New York Telephone
	Lara Altagracia	New York Telephone
	Lebron Ramon	New York Telephone
	McNeil Alexndr	New York Telephone
	Suarez Melba	New York Telephone
	Villaman Pablo	New York Telephone
	Vincente Gustavo	New York Telephone
1967	Baez Carlos	New York Telephone
	Garcia Francisco	New York Telephone

FINDINGS

Year	Uses	Source
1967	Lara Altagracia	New York Telephone
	Lardo Mrs A	New York Telephone
	McNeil Alexndr	New York Telephone
	Pagan Jaime	New York Telephone
	Torres Josephine	New York Telephone
	Vazquez Bertha	New York Telephone
	Vincente Gustavo	New York Telephone
1962	Almodovar Damaso	New York Telephone Directory
	Arico Jos J	New York Telephone Directory
	Lardo Catherine Mrs	New York Telephone Directory
	LeBron Ramon	New York Telephone Directory
	McNeil Alexedr	New York Telephone Directory
	Montalvo Georgina	New York Telephone Directory
	Rodriguez Antonia	New York Telephone Directory
	Rodriguez Mario	New York Telephone Directory
	Vitulano Jos	New York Telephone Directory
1945	Pinckard Jas J	New York Telephone
1934	Adler Max Adell clk Mhn	R. L. Polk & Co.
	Babachikos John Bertha countermn	R. L. Polk & Co.
	Domanski Frank Mary pkr	R. L. Polk & Co.
	Harms Lloyd Lena mariner	R. L. Polk & Co.
	Hodi Frank Sylvia tester	R. L. Polk & Co.
	Kaiser Wilbur Lillian auto mech	R. L. Polk & Co.
	Loucopulos Theo Theo Countermn	R. L. Polk & Co.
	Malanga Geraldine clk	R. L. Polk & Co.
	Malanga Lena sten	R. L. Polk & Co.
	Malanga Michl Elizabeth	R. L. Polk & Co.
	Mantis Anthony Christina lab	R. L. Polk & Co.
	Mantis Theo Mary	R. L. Polk & Co.
	Monroe Jas Genevieve carp	R. L. Polk & Co.
	Schwartz Goldie	R. L. Polk & Co.
	Schwartz Harry Jenny confr	R. L. Polk & Co.
	Sheldon Franics Pauline chauf	R. L. Polk & Co.
	Smith Harrlet wid Wm bldg supt	R. L. Polk & Co.
	Solamono Benj Angelina lab	R. L. Polk & Co.
	Weissman Sidney Blanche cloaks	R. L. Polk & Co.

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Year	*Uses*	*Source*
2008	MOONRISING HOUSE EVENT	Cole Information Services
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 3 h Almodovar Milagros AV	Hill-Donnelly Information Services
	Bidault Thierry y	Hill-Donnelly Information Services
	h Cutti A AV	Hill-Donnelly Information Services
	Numbr 2 h Hernandez Mary	Hill-Donnelly Information Services
	Numbr 6 h Javier M v	Hill-Donnelly Information Services
	Numbr 15 h Lopez Mildred A	Hill-Donnelly Information Services
	Numbr 11 h Ofa Cario	Hill-Donnelly Information Services
	Numbr 5 Starfield Marl A	Hill-Donnelly Information Services
	Tagulam Herminio	Hill-Donnelly Information Services
2000	Apartments Mirlagros Almodovar	Cole Information Services
	Jimmy Espinal	Cole Information Services
	Thao Lam	Cole Information Services
	M Lopen	Cole Information Services
	Mildred Lopez	Cole Information Services
	Sherry L Martinez	Cole Information Services
	Carlo O	Cole Information Services
	Miguel A Pomares	Cole Information Services
	Mana Rojas	Cole Information Services
	Carlos Villegas	Cole Information Services
1991	Guzman Leon	NYNEX Information Resource Company
	Pichordo J	NYNEX Information Resource Company
	Rodriguez Antonia	NYNEX Information Resource Company
	Attoinese D	NYNEX Information Resource Company
1983	Gonzalez D	New York Telephone
	Lopez Rafael	New York Telephone
	Nunez R	New York Telephone
	Ortega Jairo	New York Telephone
	Rios Rafael Eduardo	New York Telephone
	Rodriguez Antonia	New York Telephone
1976	Arce Hilario	New York Telephone
	Arenas Thos	New York Telephone
	Carlo Jose	New York Telephone
1970	Almodovar Mary	New York Telephone
	Arenas Thos	New York Telephone
	Carlo Jose	New York Telephone

FINDINGS

Year	Uses	Source
1970	Garcia Fausto	New York Telephone
	Osorio Carlos A	New York Telephone
	Rodriguez Antonio	New York Telephone
	Tecsidor John T	New York Telephone
1967	Almodovar Irene	New York Telephone
	Arenas Thos	New York Telephone
	Carlo Jose	New York Telephone
	Leon Herminco Rodriquez	New York Telephone
	Rodriguez Antonia	New York Telephone
	Torres Julia	New York Telephone
1962	Almodovar Juan S	New York Telephone Directory
	Arenas Thos	New York Telephone Directory
	Carlo Jose	New York Telephone Directory
	Gonzalez Juan	New York Telephone Directory
	Leon Herminco Rodriquez	New York Telephone Directory
	Ortiz Encarnacion	New York Telephone Directory
	Palazzolo Leonard	New York Telephone Directory
	Suarez Maria	New York Telephone Directory
	Trochelman Anna	New York Telephone Directory
	Vazquez Noel	New York Telephone Directory
1945	Anthony Georgette	New York Telephone
	Weissman Sidney	New York Telephone
1934	Eicholz Wm Emily chef	R. L. Polk & Co.
	Fresco Emanuel J Leah milkmn	R. L. Polk & Co.
	Gelpi John Bertha lndrymn	R. L. Polk & Co.
	Green Saml Rose clk	R. L. Polk & Co.
	Jeanopolo Peter Helen bootblk	R. L. Polk & Co.
	Kelly Patk Deliah wtchmn	R. L. Polk & Co.
	Lieari May bkbndr	R. L. Polk & Co.
	Lieari Rose clk	R. L. Polk & Co.
	Lieari Sol slsmn	R. L. Polk & Co.
	Nicholas Christo Sophie counteramn	R. L. Polk & Co.
	Nicholos Christian Sophie lab	R. L. Polk & Co.
	ODonnell Peter Margt mach	R. L. Polk & Co.
	Pappas Gerna Helen barber	R. L. Polk & Co.
	Pecorino Jas eng	R. L. Polk & Co.
	Pecorino Josephine bkpr Mhn	R. L. Polk & Co.
	Smusz Frank Dora countermn	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Vitulano Margt wid Frank	R. L. Polk & Co.
	Bnai Israel Saml Bassow pastor	R. L. Polk & Co.
	Casdro Alf cigarmkr	R. L. Polk & Co.
	Colbert Jos Mary inspr	R. L. Polk & Co.
	De Alto Josephine filler	R. L. Polk & Co.
	Zutoss Thos countermn	R. L. Polk & Co.
	Louizzo Angelo printer	R. L. Polk & Co.

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Year	Uses	Source
2005	h Blanco Abel	Hill-Donnelly Information Services
	Borsuk E v	Hill-Donnelly Information Services
	Hervleux A	Hill-Donnelly Information Services
	Leal Domingo	Hill-Donnelly Information Services
	Stokes Van	Hill-Donnelly Information Services
2000	Apartments Roberto Bede	Cole Information Services
	Abel Blanco	Cole Information Services
	Eric Generes	Cole Information Services
	A Hervieux	Cole Information Services
	Maki Hiragushi	Cole Information Services
	Karen Landusky	Cole Information Services
	Manano Leal	Cole Information Services
	Emily Mattocks	Cole Information Services
	Albert Mowatt	Cole Information Services
	Adrian Perez	Cole Information Services
	Ahira Rosario	Cole Information Services
1991	Almodovar M	NYNEX Information Resource Company
	Castillo Anilda	NYNEX Information Resource Company
	Daroqui Manuel A	NYNEX Information Resource Company
	Ibrahim E	NYNEX Information Resource Company
	Rodriguez Joseph	NYNEX Information Resource Company
	Rosario Ahira	NYNEX Information Resource Company
1983	Castillo Awilda	New York Telephone
	Daroqui Manuel A	New York Telephone
	Landusky A	New York Telephone
	Rosario Leonara	New York Telephone
1976	Conte Angelo	New York Telephone
	Daroqui Manuel A	New York Telephone
1970	Griffin Helen C RN	New York Telephone

FINDINGS

Year	Uses	Source
1970	Pantoja Marco	New York Telephone
	Quinones Ahira	New York Telephone
	Sadrakula Edw A	New York Telephone
	Concepcion Raimunao	New York Telephone
	Conte Angelo	New York Telephone
	Daroqui Manuel A	New York Telephone
1967	Concepcion Raimundo	New York Telephone
	Conte Angelo	New York Telephone
	Daroqui Manuel A	New York Telephone
	Echevarria Jose	New York Telephone
	Griffin Helen C RN	New York Telephone
	Howe Dorothy	New York Telephone
	Perez Geo L	New York Telephone
	Sadrakula Edw A	New York Telephone
1962	Baker Agnes Mrs	New York Telephone Directory
	Conte Angelo	New York Telephone Directory
	Czyz Cecilia Mrs	New York Telephone Directory
	Dempster B W	New York Telephone Directory
	Perez Geo L	New York Telephone Directory
	Rivera Agustin	New York Telephone Directory
	Sadrakula Edw A	New York Telephone Directory
1939	Klippel Zelda	New York Telephone Company
1934	Alegrett Louise wid Peter	R. L. Polk & Co.
	Boghosian Harry Susan shipper	R. L. Polk & Co.
	Bogoshian Michl Rose shoewkr	R. L. Polk & Co.
	Casey Fredk Nettie chauf	R. L. Polk & Co.
	Cois Geo Anna harber	R. L. Polk & Co.
	Fresco Leon clk	R. L. Polk & Co.
	Kerr Ellen wid Michl	R. L. Polk & Co.
	Koustas Harry Helen pdlr	R. L. Polk & Co.
	Mateos Andrew Donita dyer	R. L. Polk & Co.
	Nitsos Jas Aglaia waiter	R. L. Polk & Co.
	Prado Jesus Emma elev opr	R. L. Polk & Co.
	Ricopoulos Edw Mary countermn	R. L. Polk & Co.
	Roura wid Cresory	R. L. Polk & Co.
	Santana Carmen Mrs	R. L. Polk & Co.
	Santiago Thos photog	R. L. Polk & Co.
	Vazquez John Frances waiter	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Werley Warren Anna auto mech	R. L. Polk & Co.

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Year	Uses	Source
1991	Package Express Substlatian	NYNEX Information Resource Company

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Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	Areeckal Rejee Y	Hill-Donnelly Information Services
	Beltram Besty v	Hill-Donnelly Information Services
	Numbr 14h Ortiz Aguedo AV	Hill-Donnelly Information Services
	Numbr 1 h Pichordo Jeaneth	Hill-Donnelly Information Services
	Numbr 8 h Prats Cella Ao	Hill-Donnelly Information Services
	Numbr 4 h Prats Orestes AV	Hill-Donnelly Information Services
	Viveros Inez	Hill-Donnelly Information Services
	Numbr 10 h Viveros Melba A	Hill-Donnelly Information Services
2000	Esthercila Beltran	Cole Information Services
	Rosa Gon	Cole Information Services
	Aguedo Ortiz	Cole Information Services
	Jeaneth Pichordo	Cole Information Services
	Celia Prats	Cole Information Services
	Orestes Prats	Cole Information Services
	I Ward	Cole Information Services
1991	Acevedo M R	NYNEX Information Resource Company
	Chaux Luz Estela	NYNEX Information Resource Company
	Delacruz Francisco	NYNEX Information Resource Company
	Kelly Charles	NYNEX Information Resource Company
	Leon Patricia	NYNEX Information Resource Company
	Ortiz E	NYNEX Information Resource Company
	Zapa Ines	NYNEX Information Resource Company
1983	Acevedo Victoria R	New York Telephone
	Acevedo M R	New York Telephone
	Alves Evanir	New York Telephone
	Ferreira Nair	New York Telephone
	Jose Marcos	New York Telephone
	Ortiz E	New York Telephone
	Rojas Feliz	New York Telephone
	Serna Emma	New York Telephone

FINDINGS

Year	Uses	Source
1976	Gutiere Juan	New York Telephone
	Jose Marcos	New York Telephone
	Acevedo Esteban	New York Telephone
	Camargo Elena	New York Telephone
	Cortes Crisanto	New York Telephone
	Gonzales Isabel	New York Telephone
1970	Amores Robt	New York Telephone
	Camargo Hector	New York Telephone
	Camargo Luis G	New York Telephone
	Diamanti Delfina	New York Telephone
	Judge Jas	New York Telephone
	Legere Chas	New York Telephone
	Mier Leyda	New York Telephone
	Ruiz Narciso	New York Telephone
	Valdes Nilda	New York Telephone
1967	Amores Robt	New York Telephone
	Diamanti Delfina	New York Telephone
	Holec Anthony	New York Telephone
	Judge Jas	New York Telephone
	Legere Chas	New York Telephone
	Ruiz Narciso	New York Telephone
	Sorell Celestino	New York Telephone
	Sweeney Timothy	New York Telephone
1962	Brown Edmund G	New York Telephone Directory
	Diamanti Delfina	New York Telephone Directory
	Holec Anthony	New York Telephone Directory
	Judge Jas	New York Telephone Directory
	Legere Chas	New York Telephone Directory
	Malizia Carmela Mrs	New York Telephone Directory
	Pachmann Mary Mrs	New York Telephone Directory
	Rhodes Robt	New York Telephone Directory
	Rosa Maximina Mrs	New York Telephone Directory
	Sweeney Timothy	New York Telephone Directory
	Vitulano Patk	New York Telephone Directory
	Wanchew John	New York Telephone Directory
1939	Fladd Eliz Mrs	New York Telephone Company
1934	Meehan Jas asmblr	R. L. Polk & Co.
	Pagliuca Jas lab	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Arabadjis Philip Valenzia coutermn	R. L. Polk & Co.
	Axiotis Harry N Anna chef	R. L. Polk & Co.
	Boulange Pauline dom	R. L. Polk & Co.
	Tahatigis Cahs Mary restr	R. L. Polk & Co.
	Toste Jos chemist	R. L. Polk & Co.
	Toulas Michl Anna pdlr	R. L. Polk & Co.
	De Lucca Henry Clara butcher Mhn	R. L. Polk & Co.
	Fotopoulos Constatine Mary pntr	R. L. Polk & Co.
	Geralis Peter Lucy lab	R. L. Polk & Co.
	Guardiano Michaelis Cath phtr	R. L. Polk & Co.
	Kledas Peter Mary waiter	R. L. Polk & Co.
	Korniaktus Gregory Martha meat ctr	R. L. Polk & Co.
	Kydes Hercules Theresa pntr	R. L. Polk & Co.
	Kydes Richd lifrguard	R. L. Polk & Co.

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Year	Uses	Source
2008	GIOVANNI IMPORTS EXPORTS CAR REPAIR	Cole Information Services
	GIANNIS AUTO WORLD INC	Cole Information Services
2005	Giannis Auto World Inc Is	Hill-Donnelly Information Services
2000	Giannis At Wid Inc	Cole Information Services
1991	Empire State Telecom Corp	NYNEX Information Resource Company
1983	Com Equip Corp	New York Telephone
1976	Dryden & Palmer Inc	New York Telephone
	Gravymaster Co Inc	New York Telephone
1970	Gravymaster Co Inc	New York Telephone
	Dryden & Palmer Inc	New York Telephone
1967	Gravymaster Co Inc	New York Telephone
	Dryden & Palmer Inc	New York Telephone
1934	Long Mary A wid Chas	R. L. Polk & Co.
	Serrano Danl Rose baker	R. L. Polk & Co.
	Rivelli Jas Rose shoes Bx	R. L. Polk & Co.
	Rashkoff Benj Sophie hlpr Mhn	R. L. Polk & Co.
	Adams Arth Anna toolmkr	R. L. Polk & Co.
	Baginski John shoe opr	R. L. Polk & Co.
	Chamberlain Walter F Alice pile driving	R. L. Polk & Co.
	Choiko Jos I Mary agt	R. L. Polk & Co.
	Costa Anna Mrs	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Damlis Gregory Angelina barber	R. L. Polk & Co.
	Damlis Olga Wid Harry	R. L. Polk & Co.
	Guzman Adolph cigars	R. L. Polk & Co.
	Henderson John Ella reprmn	R. L. Polk & Co.
	Lopez Gerard Anna clnr mhn	R. L. Polk & Co.
	Meechan Carey	R. L. Polk & Co.
	Meehan Edw Mary bldg supt	R. L. Polk & Co.
	Noury Francis lab	R. L. Polk & Co.

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Year	Uses	Source
2005	Fifty Seventh Street Mgmt	Hill-Donnelly Information Services
	Madallion Financial Inc I F	Hill-Donnelly Information Services
2000	Fifty 7th St Mgmt	Cole Information Services
	Irene Lo	Cole Information Services
	Fifty Seventh St	Cole Information Services

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Year	Uses	Source
2005	h Cannarella M v	Hill-Donnelly Information Services
	Nicholson James	Hill-Donnelly Information Services
	h Nicholson Shan Ao	Hill-Donnelly Information Services
2000	Patrick S Mc Clone	Cole Information Services
	Shan Nicholson	Cole Information Services
	Shan Nicholson	Cole Information Services
1991	Davis B	NYNEX Information Resource Company
	Bitterman Brooks	NYNEX Information Resource Company
	Hardin P	NYNEX Information Resource Company
	Nicholson Peter	NYNEX Information Resource Company
	Schmidt Timothy	NYNEX Information Resource Company
1983	Nicholson Peter & Kalina	New York Telephone
	Soto Vicente R	New York Telephone
1976	Dimensional Graphics Conec	New York Telephone
	Kress T	New York Telephone
1970	Kress T	New York Telephone
1967	Corio Dominick J	New York Telephone
	Kress T	New York Telephone
	Smith Edith	New York Telephone
1962	Corio Dominick J	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Malizia Mark A	New York Telephone Directory
	Mehnert Gwen	New York Telephone Directory
	Smith Edith	New York Telephone Directory
1945	Perrenod Chas	New York Telephone
1939	Mehnert Sidney	New York Telephone Company
1934	Cappelli Umbert Rose cook	R. L. Polk & Co.
	Dilbeck Eleanor sten Mhn	R. L. Polk & Co.
	Kress Arth bkpr	R. L. Polk & Co.
	Kress Evelyn sten Copeland Refrigeration Co	R. L. Polk & Co.
	Kress Theophile wid Wm	R. L. Polk & Co.
	Schaeider Edith sten	R. L. Polk & Co.
	Schaeider Frank Alida autp mech	R. L. Polk & Co.
	Schneider Raymond	R. L. Polk & Co.

1152 44TH DR

Year	Uses	Source
2013	INKKEEPERS CORP	Cole Information Services
	HYLEE ELECTRIC CO INC	Cole Information Services
2008	LONG ISLAND CITY WHOLESALE FLORISTS	Cole Information Services
	HYLEE ELECTRIC CO INC	Cole Information Services
	INK KEEPERS CORP	Cole Information Services
2005	Hylee Electric Co Inc	Hill-Donnelly Information Services
	Inkkeepers Corp	Hill-Donnelly Information Services
2000	Lite N Air Indstrs	Cole Information Services
	Swift Air Corp	Cole Information Services
1991	Natural Source The	NYNEX Information Resource Company
	Long Island City Wholesale Inc	NYNEX Information Resource Company
1983	Long Island City Wholesale Florists Inc	New York Telephone
	LONG ISLAND CITY WHOLESALE INC	New York Telephone
	Long Island College Hosp Henry & Pacif @Brooklyn@	New York Telephone
	South Flower Mkt	New York Telephone
	SOUTHFLOWER MKT HOME DELIVERY SVCE	New York Telephone

1153 44TH DR

Year	Uses	Source
2005	Gonzalez Ruth A	Hill-Donnelly Information Services
	Mendoza Carmelito Jr	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	h Schilling Wemer H AV	Hill-Donnelly Information Services
	h Zemana Gloria	Hill-Donnelly Information Services
	Zemana Natlvidad AV	Hill-Donnelly Information Services
2000	Ruth Gonzalez	Cole Information Services
	Perfecto Pizarro	Cole Information Services
	Wemer H Schilling	Cole Information Services
	Glona Zemana	Cole Information Services
	Natividad Zeman	Cole Information Services
1991	Zemana Glazen	NYNEX Information Resource Company
	Zemana Natividad	NYNEX Information Resource Company
	Almiranez Prajedo	NYNEX Information Resource Company
	Almiron A	NYNEX Information Resource Company
	Gonzalez Ruth	NYNEX Information Resource Company
	Schilling Werner H	NYNEX Information Resource Company
	Zemana Natividad	NYNEX Information Resource Company
1983	Bigarnia Mimi	New York Telephone
	De Jesus Remedios V	New York Telephone
	Gonzalez Gilberto Rojas	New York Telephone
	Gonzalez R	New York Telephone
	Schilling Werner H	New York Telephone
	Zemana G	New York Telephone
1976	Buenviaje Emmanuel D	New York Telephone
1970	Picicci William Jr	New York Telephone
1967	Ross Basil C	New York Telephone
	Tajima Shingo	New York Telephone
1945	Ross Basil C	New York Telephone
1934	Schuh Emily wid Wm	R. L. Polk & Co.
	Hafford Thos A asst eng B Pres	R. L. Polk & Co.
	Kelly Frances clk	R. L. Polk & Co.
	Kelly John J Margt	R. L. Polk & Co.
	Kelly Margt sten	R. L. Polk & Co.
	Kelly Stella sten	R. L. Polk & Co.

1154 44TH DR

Year	Uses	Source
1976	Hepp Jim b	New York Telephone
1970	Lesjay Co	New York Telephone
	Lesjay Models	New York Telephone
	Hepp Jim b	New York Telephone

FINDINGS

Year	Uses	Source
1962	Barling Housing Corp	New York Telephone Directory
	Bo Craft Enterprises Inc	New York Telephone Directory
	Slider Co of America	New York Telephone Directory

1156 44TH DR

Year	Uses	Source
1934	Spagnulo Jos Helen barber	R. L. Polk & Co.

1157 44TH DR

Year	Uses	Source
2013	MEERA ENTERPRISE INC	Cole Information Services
2008	MEERA ENTERPRISE	Cole Information Services
2005	Meera Enterprise Inc I	Hill-Donnelly Information Services
2000	21ST ST INTS FROM	Cole Information Services
	Dipti Deli Corp	Cole Information Services
1991	Epicure Delctsn Shop	NYNEX Information Resource Company
1983	Epicure Delctsn Shop	New York Telephone
1976	Epicure Delctsn Shop	New York Telephone
1970	Epicure Delctsn Shop	New York Telephone
1967	Epicure Delctsn Shop	New York Telephone
1962	Epicure Delctsn Shop	New York Telephone Directory
1945	Epicure Delctsn Shop	New York Telephone
1939	Epicure Delctsn Shop	New York Telephone Company

1186 44TH DR

Year	Uses	Source
1934	Ruiz Juana wid Roffe	R. L. Polk & Co.

1188 44TH DR

Year	Uses	Source
1934	Cera Fred Carmine mattresmkr	R. L. Polk & Co.

1234 44TH DR

Year	Uses	Source
1962	Lucente Angelo	New York Telephone Directory

1238 44TH DR

Year	Uses	Source
1991	Mason Victor	NYNEX Information Resource Company

FINDINGS

1444 44TH DR

Year	*Uses*	*Source*
1962	Daroqui Manuel A	New York Telephone Directory

1474 44TH DR

Year	*Uses*	*Source*
1983	Egan S	New York Telephone

1626 44TH DR

Year	*Uses*	*Source*
1962	Arrigo Arthur	New York Telephone Directory

44TH DR LONG ISLAND CITY DR

1142 44TH DR LONG ISLAND CITY DR

Year	*Uses*	*Source*
1934	Bassow Saml Rev Gertrude pastor Bnal Israel	R. L. Polk & Co.

45 S AVE

1155 45 S AVE

Year	*Uses*	*Source*
1991	Barreto C	NYNEX Information Resource Company

45TH

1458 45TH

Year	*Uses*	*Source*
1934	Goldstein Irving bkpr dept fin r	R. L. Polk Co.

45TH AVE

10-20 45TH AVE

Year	*Uses*	*Source*
1950	MAJESTIC MANNEQUIN & DISPLAY CO	New York Telephone
	ROLLER ENGRVNG CO INC	New York Telephone
	BOGGE EDW B	New York Telephone

10-27 45TH AVE

Year	*Uses*	*Source*
1950	MISSION DRY CORP SALES DENT	New York Telephone

Year	Uses	Source
1950	PLAZA BEVERAGE CO INC	New York Telephone
	MISSION ORANGE BOTTLING CO OF QUEENS	New York Telephone

10-35 45TH AVE

Year	Uses	Source
1950	PYROX CHEMCL CORP PAINT&VARNSH REMOVERS MFRS	New York Telephone
	CYCLO CHEMCL CORP	New York Telephone
	O & R SALES CO INC	New York Telephone

10-37 45TH AVE

Year	Uses	Source
1950	F B CASING CO	New York Telephone
	SUPERIOR KOSHER CASING CO	New York Telephone

10-40 45TH AVE

Year	Uses	Source
1950	JEWEL RADIO CORP	New York Telephone
	VANLEIGH FURN CO INC WAREHSE	New York Telephone

10-57 45TH AVE

Year	Uses	Source
1950	ATLAS PIPE RAILING CO INC	New York Telephone

1015 45TH AVE

Year	Uses	Source
2013	SOHO SNACK INC	Cole Information Services
	METERING SERVICES	Cole Information Services
2008	SOHO SNACK INC	Cole Information Services
2005	Soho Snack Inc	Hill-Donnelly Information Services
2000	Metering Services	Cole Information Services

1021 45TH AVE

Year	Uses	Source
2013	CERTIFIED ELEVATOR & ESCALTOR	Cole Information Services
	D A A B S ELECTRONICS CORPORATION	Cole Information Services
2008	DAABS ELECTRONICS INC	Cole Information Services
2005	Daabs Electronics Corp	Hill-Donnelly Information Services
2000	S Elctrncs	Cole Information Services
1983	Numano Int Inc	New York Telephone

FINDINGS

1025 45TH AVE

Year	Uses	Source
2008	PORT DISTRIBUTING CORP	Cole Information Services
1939	New & Used Equip Corp	New York Telephone Company

1027 45TH AVE

Year	Uses	Source
1991	K & K MERCHANDISING GROUP	NYNEX Information Resource Company
	Supra USA Inc	NYNEX Information Resource Company
1983	Interscan Ltd	New York Telephone
	Fauna Food Corp	New York Telephone

1028 45TH AVE

Year	Uses	Source
1970	Marrero Antonia P	New York Telephone

1034 45TH AVE

Year	Uses	Source
1976	Brewers Leasing Corp	New York Telephone
1970	Brewers Leasing Corp	New York Telephone

1035 45TH AVE

Year	Uses	Source
2013	WAREHOUSE SUPPLIES COMPANY	Cole Information Services
2008	VAN OWNERS PURCHASING BUREAU	Cole Information Services
	WAREHO UPPLIES CO INC	Cole Information Services
2005	Van Owners Purchasing Bureau	Hill-Donnelly Information Services
	Warehouse Supis Co	Hill-Donnelly Information Services
2000	Van Owners Prchng	Cole Information Services
	Vnwnrs Prchng Bur	Cole Information Services
	Warehouse Supls	Cole Information Services
1991	Warehouse Supls Co	NYNEX Information Resource Company
	Vanowners Purchasing Bur Inc	NYNEX Information Resource Company
	VAN OWNERS PURCHASING BUR INC	NYNEX Information Resource Company
1983	VAN OWNERS PURCHASING BUR INC	New York Telephone
	Warehouse Supls Co	New York Telephone
	Vanowners Purchasing Bur Inc	New York Telephone
1970	Warehouse Supls Co	New York Telephone
	Van Owners Purchasing Bur Inc	New York Telephone
1967	Warehouse Supls Co	New York Telephone
	Van Owners Purchasing Bur Inc	New York Telephone

FINDINGS

Year	Uses	Source
1962	Warehouse Supls Co	New York Telephone Directory
	Van Owners Purchasing Bur Inc	New York Telephone Directory
1945	Premier Prods Co mfg chemsts	New York Telephone
	O & R Sales Co Inc	New York Telephone
	Armo Bio Chemcl Corp	New York Telephone
1939	Premier Prods Co mfg chemsts	New York Telephone Company
	Pyrox Chemcl Corp mfg chemsts	New York Telephone Company
	Thrift Sales Corp	New York Telephone Company
1934	Metropolitan Sign & Glass Works RTN Henry Steinmetz Fredk Festner	R. L. Polk & Co.

1037 45TH AVE

Year	Uses	Source
1967	Walcamp Metal Prods Corp	New York Telephone
1962	FB Casing Co Inc	New York Telephone Directory
	Superior Kosher Casings	New York Telephone Directory
1945	Superior Kosher Casing Co	New York Telephone
	F B Caesing Co	New York Telephone
1939	Superior Kosher Casing Co	New York Telephone Company
	F B Casing Co	New York Telephone Company

1038 45TH AVE

Year	Uses	Source
2000	Rayston Svce Corp	Cole Information Services
1976	CONTINENTAL INSURANCE COMPANIES THE JFK Intrntnl Airpt @Jamaica@	New York Telephone
	CONTINENTAL INSURANCE COMPANIES THE La Guardia Airpt @Jamaica@	New York Telephone
	Continental Ideas Ltd	New York Telephone
1970	Holterbosch H D b	New York Telephone

1040 45TH AVE

Year	Uses	Source
2013	ALRUE IMPORT CORP	Cole Information Services
	END JEWELRY	Cole Information Services
	EMSIG	Cole Information Services
	MIDTOWN NEON SIGN CORP	Cole Information Services
	CLASSIC GEMS INCORPORATED	Cole Information Services
	AVISPL	Cole Information Services

FINDINGS

Year	Uses	Source
2013	WHOLESALE INC RISUKA	Cole Information Services
	JENMAR CORPORATION	Cole Information Services
	IPT NAME & DESIGN CORP	Cole Information Services
	RHONDA FEINMAN CUSTOM FRAMES INC	Cole Information Services
2008	ALRUE IMPORT CORP	Cole Information Services
	EMSIG	Cole Information Services
	ACME WEBBING CORP	Cole Information Services
	CLASSIC GEMS INC	Cole Information Services
	RHONDA FEINMAN CUSTOM FRAMES INC	Cole Information Services
	EMSIG MANUFACTURING CORP	Cole Information Services
	THE JOAN MICHLIN COLLECTION	Cole Information Services
	RENCO MFG INC	Cole Information Services
2005	Alrue Import Corp	Hill-Donnelly Information Services
	Emsig is	Hill-Donnelly Information Services
	Gladston Casting	Hill-Donnelly Information Services
	Maxim Holding i	Hill-Donnelly Information Services
	Rhonda Feinman Custom Frames	Hill-Donnelly Information Services
	Risuka Wholesale Inc	Hill-Donnelly Information Services
	h Rodriguez Purino	Hill-Donnelly Information Services
2000	ABC Jwlry Cast Crp	Cole Information Services
	Ace For Men	Cole Information Services
	Bnfcl Tchnlgs Inc	Cole Information Services
	Cntnatl Flair Inc	Cole Information Services
	Frooz Ltd	Cole Information Services
	Gladston Ca	Cole Information Services
	Joshuas Fa	Cole Information Services
	Palazzetti	Cole Information Services
	Plzztt Srg Furn	Cole Information Services
	State Nrrw	Cole Information Services
1991	ABC Jewelry Casting Corp	NYNEX Information Resource Company
	Beneficial Technologies Inc	NYNEX Information Resource Company
	Colini Handbags	NYNEX Information Resource Company
	Continental Flair Inc	NYNEX Information Resource Company
	Continental Florist Contnntl Av & Queens Blvd @Forest Hills@	NYNEX Information Resource Company
	Gladston Casting	NYNEX Information Resource Company
	Jennifers Fashion	NYNEX Information Resource Company
	Palazetti Sergio	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1983	Cardinal Blouse Inc	New York Telephone
	Carpi Knitting Mills Inc	New York Telephone
	Nor Jam Inc	New York Telephone
	Nordic Interior Inc	New York Telephone
	Peppermint Casuals Ltd	New York Telephone
1976	Carpi Knitting Mills Inc	New York Telephone
	Mainco Air Condltioning & Refrlgratn Corp	New York Telephone
	Mainco Contrctg Corp elec contrs	New York Telephone
	MAINTENANCE CO INC THE elect & elvtr reprs	New York Telephone
1970	FAIRCHILD RECORDING EQUIP CORP	New York Telephone
	Front Projection Corp	New York Telephone
	Mainca Air Conditioning & Refrigratn Corp	New York Telephone
	Mainco Contrctg Corp eltccontrs	New York Telephone
	Maintenance Coinc The elec & elvtr reprs	New York Telephone
1967	Genl Automotive Specialty Colnc	New York Telephone
	Mainco Air Conditioning & Refrigratn Corp	New York Telephone
	Mainco Contrctg Corp elec contrs	New York Telephone
	Maintenance Co Inc The elec & elvtr reprs	New York Telephone
	Fairchild Recording Equip Corp	New York Telephone
1962	FAIRCHILD RECORDING EQUIP CORP	New York Telephone Directory
	Genl Automotive Specialty Co Inc	New York Telephone Directory
	MAINCO AIR CONDITINING & REFRISRATN CORP	New York Telephone Directory
	MAINCO CONTROTG CORP elec contrs	New York Telephone Directory
	MAINTENANCE CO INC THE elec & elctr reprs	New York Telephone Directory
	Small Business Protctve Comm Inc	New York Telephone Directory

1041 45TH AVE

Year	Uses	Source
2013	CITY BAKING CORP	Cole Information Services
2008	WHOLESALE INC RISUKA	Cole Information Services
	MERCEDES LIMOUSINE	Cole Information Services
	E A TECHNOLOGIES INC	Cole Information Services
2005	MLS Limousine Svc	Hill-Donnelly Information Services
	Mercedes Limousine	Hill-Donnelly Information Services
	E A Technologies Inc P	Hill-Donnelly Information Services
2000	11TH ST INTS FROM	Cole Information Services
	Mercedes Limousine	Cole Information Services

FINDINGS

Year	Uses	Source
1991	Rayston Svce Corp	NYNEX Information Resource Company
1983	Campaniello Imports Warehouse	New York Telephone
1945	Weinberger Moving & Storage Co	New York Telephone
	Lemel Transptn Do	New York Telephone
1939	Rothbart Mack inc truknq	New York Telephone Company
	Rothbart Mack Inc truknq	New York Telephone Company
	Rothbart Mack Inc contrs	New York Telephone Company

1048 45TH AVE

Year	Uses	Source
1991	State Narrow Fabrics Inc	NYNEX Information Resource Company

1057 45TH AVE

Year	Uses	Source
1945	Atlas Pipe Railing Co Inc	New York Telephone

11-15 45TH AVE

Year	Uses	Source
1950	SCHOENIG CHAS A	New York Telephone
	SISTO MARIO P	New York Telephone
	VIERA DEOGRACIA S	New York Telephone
	WELCH MERTON W	New York Telephone
	WENIGER PAULA B	New York Telephone
	WOLF P J	New York Telephone
	ROSNER BERTHA MRS	New York Telephone
	PAPPAS WM S	New York Telephone
	OWEN THOS H JR	New York Telephone
	OSTERER MAX	New York Telephone
	NEWCOMB N E	New York Telephone
	MCCULLOUGH BENJ	New York Telephone
	MALRE EMLIE L	New York Telephone
	LIPPMAN ALBERT	New York Telephone
	LAS MORRIS	New York Telephone
	LA FLEUR WM JOHN	New York Telephone
	HOFDOS CHAS J	New York Telephone
	HAWK LESTER C	New York Telephone
	FRIEDMA JESSE D MD	New York Telephone
	CARUSO SALVATORE	New York Telephone
	BUTTERFIELD HELEN	New York Telephone

FINDINGS

Year	Uses	Source
1950	ZWERIN CHAS	New York Telephone
	BENNETT WILBERT C	New York Telephone
	AMBROSE JOSEPHINE	New York Telephone
	APTS & APT HOUSES	New York Telephone
	BOEDA MARGARET MRS	New York Telephone

11-25 45TH AVE

Year	Uses	Source
1950	STEWART-WARNER CORP	New York Telephone
	ALEMITE CORP	New York Telephone

11-30 45TH AVE

Year	Uses	Source
1950	DUBIED MACHY CO	New York Telephone

11-35 45TH AVE

Year	Uses	Source
1950	SATTLEY CO COIN COUNTING MACHS	New York Telephone

11-47 45TH AVE

Year	Uses	Source
1950	SCHNEIDER JULIA	New York Telephone
	VESELY FRANK	New York Telephone
	BEDELL CHAS	New York Telephone
	CELMER STANLEY L	New York Telephone
	JAMES NANCY MRS	New York Telephone
	MANDURAKES LUCY	New York Telephone

11-55 45TH AVE

Year	Uses	Source
1950	RESTIVO SALVATORE J	New York Telephone
	R	New York Telephone
	NORTH FLORENCE M	New York Telephone
	MONTALBANO VINCENT	New York Telephone
	MILLER MATTHEW G	New York Telephone
	MAYER MADELINE A MRS	New York Telephone
	LOMBARDI MAY MRS	New York Telephone
	LEAHY WM F	New York Telephone
	LAZACKA MARY	New York Telephone
	LA BATE KATHERINE	New York Telephone

FINDINGS

Year	Uses	Source
1950	KUDLAK JOHN	New York Telephone
	JULIANO MICHL J	New York Telephone
	GASTON ISABEL THERESA	New York Telephone
	CHELINI ORLANDO	New York Telephone
	WELLAND CHAS J	New York Telephone
	SPACCAFORNO C	New York Telephone
	STUONO JOHN F	New York Telephone

1103 45TH AVE

Year	Uses	Source
2008	DORSKY GALLERY CURATORIAL PROGRAMS	Cole Information Services
2005	Kings Point Fine Arts	Hill-Donnelly Information Services
	Dorsky Gallery Curatorial	Hill-Donnelly Information Services
2000	Cel Net Cmmnctns	Cole Information Services
1976	Arbeach Concrete Of N Y Inc	New York Telephone
	LITEMORE ELEC CO INC	New York Telephone

1114 45TH AVE

Year	Uses	Source
1934	OBrien Michl Mary br mgr Thos Roulston	R. L. Polk & Co.

1115 45TH AVE

Year	Uses	Source
2008	RONCHINI RONCHINI INC	Cole Information Services
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 11 Bh Atldnson D	Hill-Donnelly Information Services
	Numbr 2D h Caruso Salvatore o	Hill-Donnelly Information Services
	Curlol Celine	Hill-Donnelly Information Services
	Numbr 2 Eh Evans M v	Hill-Donnelly Information Services
	Numbr 33 h Friedberg J v	Hill-Donnelly Information Services
	h Garvey Potvin Sarah v	Hill-Donnelly Information Services
	Garvey Potvin Sarah 0 718 361 7597 o	Hill-Donnelly Information Services
	Numbr 2 C th Geller A A	Hill-Donnelly Information Services
	Numbr 1 E Johnson Lee 718 476 1869 a	Hill-Donnelly Information Services
	Kittredge Skip	Hill-Donnelly Information Services
	Numbr 2 G Mccarthy Terence	Hill-Donnelly Information Services
	Numbr 1D Morales Ivan	Hill-Donnelly Information Services
	Numbr 4 A Pedigol v	Hill-Donnelly Information Services
	Numbr 23 Pendergast George Sr v	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Numbr 21 Ryan Sean	Hill-Donnelly Information Services
	Numbr 4D Schoenig Charles A AO	Hill-Donnelly Information Services
	Numbr 3 E Slerra Carios v 718 472 4151 00oo	Hill-Donnelly Information Services
	Numbr 4 H Swanson Leonard J v	Hill-Donnelly Information Services
	Urban Interiors Is	Hill-Donnelly Information Services
	Numbr 2 H Vesely Francis J A 718 361 7686 as	Hill-Donnelly Information Services
	Numbr 41 Warren William	Hill-Donnelly Information Services
	Numbr 3D 1 h Welsman Roger	Hill-Donnelly Information Services
2000	Laszlo Aradi	Cole Information Services
	Faisol Islam	Cole Information Services
1991	Albolote Ricardo	NYNEX Information Resource Company
	Behrens Henry	NYNEX Information Resource Company
	Bothnerby Pete	NYNEX Information Resource Company
	Caruso Salvatore	NYNEX Information Resource Company
	Daniello Anthony J	NYNEX Information Resource Company
	Delrosario Rachel	NYNEX Information Resource Company
	Dries Raymond	NYNEX Information Resource Company
	Evans M	NYNEX Information Resource Company
	Fekete Matthew	NYNEX Information Resource Company
	Galvin F	NYNEX Information Resource Company
	Geller A	NYNEX Information Resource Company
	Kelly John J	NYNEX Information Resource Company
	Lewis Lock & Key Ltd	NYNEX Information Resource Company
	Marsanico Mary	NYNEX Information Resource Company
	Marsanico Thomas R	NYNEX Information Resource Company
	Mc Kenna Robt	NYNEX Information Resource Company
	Pavlov C	NYNEX Information Resource Company
	Schoenig Chas A	NYNEX Information Resource Company
	Serrano Nick	NYNEX Information Resource Company
	Sisto Mario P	NYNEX Information Resource Company
	Souquet Andre	NYNEX Information Resource Company
	Thorner L	NYNEX Information Resource Company
	Vesely Francis J	NYNEX Information Resource Company
	Vukelj Bajram	NYNEX Information Resource Company
	Weider J H	NYNEX Information Resource Company
1983	Ahmen Kamal U	New York Telephone
	Behrens Henry	New York Telephone

FINDINGS

Year	Uses	Source
1983	Caruso Salvatore	New York Telephone
	Casey R M	New York Telephone
	Daniello Anthony J	New York Telephone
	Evans M	New York Telephone
	Fekete Matthew	New York Telephone
	Geller A	New York Telephone
	Henehan M	New York Telephone
	Kelly John J	New York Telephone
	Klimovich Fred	New York Telephone
	Koo Brian M	New York Telephone
	Magnusson J	New York Telephone
	Mc Kenna Robt	New York Telephone
	Medeiros Sergio	New York Telephone
	Schoenig Chas A	New York Telephone
	Serrano Nick	New York Telephone
	Sisto Mario P	New York Telephone
	Souquet Andre	New York Telephone
	Wasenda John	New York Telephone
1976	Acebes Lucien	New York Telephone
	Adam Jas	New York Telephone
	Bartunek R	New York Telephone
	Behrens Bertha	New York Telephone
	Caruso Salvatore	New York Telephone
	Costello Jas R	New York Telephone
	Daniello Anthony J	New York Telephone
	Donohue Mary A Mrs	New York Telephone
	Evans Thos	New York Telephone
	Fekete Matthew	New York Telephone
	Kelly John J	New York Telephone
	Klimovich Fred	New York Telephone
	Lake Arvo Mrs	New York Telephone
1970	Acebes Lucien	New York Telephone
	Adam Jas	New York Telephone
	Behrens Bertha	New York Telephone
	Buondelmonte J Mrs	New York Telephone
	Caruso Salvatore	New York Telephone
	Daniello Anthony J	New York Telephone
	DePalo Rocco	New York Telephone

FINDINGS

Year	Uses	Source
1970	Fekete Matthew	New York Telephone
	Gozzi John	New York Telephone
	Hawk Lester C	New York Telephone
	Hyman Morris	New York Telephone
	Kelly John J	New York Telephone
	Klimovich Fred	New York Telephone
	Lake Arvo Mrs	New York Telephone
	Marsanico Mary	New York Telephone
	McKenna Anne F Mrs	New York Telephone
	McKenna Robt	New York Telephone
	Morano Frank	New York Telephone
	Nicolich Angello	New York Telephone
	Oddo Lewis J	New York Telephone
	Polachek Mary	New York Telephone
	Schoenig Chas A	New York Telephone
	Sergio Edmund P	New York Telephone
	Serrano Nick	New York Telephone
	Sisto Mario P	New York Telephone
	Wallace R	New York Telephone
	Wasenda John	New York Telephone
1967	Acebes Luclen	New York Telephone
	Adam Jas	New York Telephone
	Behrens Bertha	New York Telephone
	Buondelmonte J Mrs	New York Telephone
	Caruso Salvatore	New York Telephone
	Cunningham Mary	New York Telephone
	Daniello Anthony J	New York Telephone
	DePalo Rocco	New York Telephone
	Evans Thos	New York Telephone
	Fekete Matthew	New York Telephone
	Garafalo Michl R	New York Telephone
	Hawk Lester C	New York Telephone
	Hyman Morris	New York Telephone
	Kelly John J	New York Telephone
	Klimovich Fred	New York Telephone
	Lake Arvo Mrs	New York Telephone
	Maffei Robt	New York Telephone
	Marsanico Mary	New York Telephone

FINDINGS

Year	Uses	Source
1967	McCullough Benj	New York Telephone
	Morano Frank	New York Telephone
	Newcomb N E	New York Telephone
	Polachek Mary	New York Telephone
	Schoenig Chas A	New York Telephone
	Sergio Edmund F	New York Telephone
	Serrano Nick	New York Telephone
	Sisto Mario P	New York Telephone
1962	Acebes Lucien	New York Telephone Directory
	Behrens Henry	New York Telephone Directory
	Boeda Margaret Mrs	New York Telephone Directory
	Bolash P	New York Telephone Directory
	Borg Theresa Mrs	New York Telephone Directory
	Buondelmonte J Mrs	New York Telephone Directory
	Caruso Salvatore	New York Telephone Directory
	Daniello Anthony J	New York Telephone Directory
	DeQuatro Francis R	New York Telephone Directory
	Evans Thos	New York Telephone Directory
	Fekete Matthew	New York Telephone Directory
	Friedman Jesse D MD	New York Telephone Directory
	Garafalo Michl R	New York Telephone Directory
	Hawk Lester C	New York Telephone Directory
	Hyman Morris	New York Telephone Directory
	Hyman Morris	New York Telephone Directory
	Kelly John J	New York Telephone Directory
	Klimovich Fred	New York Telephone Directory
	Lass Morris	New York Telephone Directory
	Lippman Albert	New York Telephone Directory
	Marsanico Mary Mrs	New York Telephone Directory
	May R N	New York Telephone Directory
	McCullough Benj	New York Telephone Directory
	Moraro Frank	New York Telephone Directory
	Newcomb NE	New York Telephone Directory
	Polachek Mary	New York Telephone Directory
	Schoenig Chas A	New York Telephone Directory
	Sergio Edmund F	New York Telephone Directory
	Serrano Nick	New York Telephone Directory
	Sisto Mario P	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Stroligo Edw	New York Telephone Directory
	Tuttle Howard A	New York Telephone Directory
	Wolf P J	New York Telephone Directory
1945	Ambrose Josephine	New York Telephone
	Boeda Margaret Mrs	New York Telephone
	Butterfield Helen	New York Telephone
	Cardone Mary Mrs	New York Telephone
	Friedman Jesse D MD F	New York Telephone
	Hawk Lester C	New York Telephone
	Lodato Angie Mrs	New York Telephone
	Ward Helen Mrs	New York Telephone
	Wolf P J	New York Telephone
1939	Boeda Margaret Mrs	New York Telephone Company
	Butterfield Helen	New York Telephone Company
	Friedman Jesse D MD	New York Telephone Company
	Morris Jimmiy	New York Telephone Company
1934	Austerlitz Victor Ellen slsmn	R. L. Polk & Co.
	Behrens Henry Bertha chauf	R. L. Polk & Co.
	Boeda Harry Margt bldg supt	R. L. Polk & Co.
	Bruns Wm Eleanor brkmn	R. L. Polk & Co.
	Cooney Geo Cath clk	R. L. Polk & Co.
	Ehmer Walter Ehmer chauf	R. L. Polk & Co.
	Epstein Geo pharm	R. L. Polk & Co.
	Feldman Max Sadie metalwkr	R. L. Polk & Co.
	Flanagan Jos Ella splicer	R. L. Polk & Co.
	Fontana Thelma B tel opr	R. L. Polk & Co.
	Fontana Vincent typist	R. L. Polk & Co.
	Gibbons Irene G copyist Dist Atty Queens Co	R. L. Polk & Co.
	Gilbert Cath cap opr	R. L. Polk & Co.
	Gilbert John Harriet wtchmn	R. L. Polk & Co.
	Grant Edw Irene clk	R. L. Polk & Co.
	Leeser Anna wid Saml	R. L. Polk & Co.
	Liptak John Grace auto mech	R. L. Polk & Co.
	Melia John Margt clk	R. L. Polk & Co.
	Moore Dowanda Wid Jos cap opr	R. L. Polk & Co.
	Schoenig Chas Pauline auto mech	R. L. Polk & Co.
	Alderman Eug Beatrice printer	R. L. Polk & Co.
	Shannon Jos Lillian eng	R. L. Polk & Co.

Year	Uses	Source
1934	Shine John Nellie firemn	R. L. Polk & Co.
	Simek Rose wid Harry	R. L. Polk & Co.
	Wallace Geo Cath chauf	R. L. Polk & Co.

1122 45TH AVE

Year	Uses	Source
2013	SHINE ELECTRONICS INC	Cole Information Services

1124 45TH AVE

Year	Uses	Source
1962	Ignelzi Roy R	New York Telephone Directory

1125 45TH AVE

Year	Uses	Source
2013	LLC SHUSTER MANAGEME LLC	Cole Information Services
2005	Kasper & Esh Inc	Hill-Donnelly Information Services
2000	Kaspar & Esh Inc	Cole Information Services
1991	Kasper & Esh Inc mfg jwlrs	NYNEX Information Resource Company
1983	Famor Inc	New York Telephone
1970	Albert Ergas Contrctg Corp	New York Telephone
	Arlen Operating Co	New York Telephone
	Goodnor Const Corp	New York Telephone
1967	ALEMITE CORP	New York Telephone
	Alemo Lid Gilpn Av Haupaug	New York Telephone
1962	ALEMITE CORP	New York Telephone Directory
1934	Martino Amedeo Adeline tailor	R. L. Polk & Co.

1135 45TH AVE

Year	Uses	Source
2013	THIKANA	Cole Information Services
2008	THE NEW YORK BAGEL CO INC	Cole Information Services
	PROMETHEUS INTERNATIONAL INC	Cole Information Services
	THIKANA NEWSPAPERS	Cole Information Services
	THIKANA	Cole Information Services
2005	New York Bagel Co 1 R	Hill-Donnelly Information Services
	Prometheus International Inc	Hill-Donnelly Information Services
	Thlkana DGN Newspapers	Hill-Donnelly Information Services
2000	The New York BGL Co Inc	Cole Information Services
	Thikan	Cole Information Services
1991	Expediters Of The Printed Word Ltd	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1983	Expediters Of The Printed Word Ltd	New York Telephone
	Expediters Of The Printed Word Ltd	New York Telephone
1976	Air And Sea Freight Inc	New York Telephone
	Air And Sea Freight Inc	New York Telephone
1970	Sattler Co of NY Inc coin counting machs	New York Telephone
1967	Sattley Co of NY Inc coin counting machs	New York Telephone
1962	Sattley Co of NY Inc coln counting machs	New York Telephone Directory

1143 45TH AVE

Year	Uses	Source
2005	Mollendo Equipment Co	Hill-Donnelly Information Services
2000	Milnd Equip Co Inc	Cole Information Services
1991	MOLLENDO EQUIPT CO INC	NYNEX Information Resource Company
1983	Arrow Restoration Inc	New York Telephone
1970	SCHRECKINGER EQUIP CORP	New York Telephone
1967	SCHRECKINGER EQUIP CORP	New York Telephone
1962	Demonstration Sales Co	New York Telephone Directory
	Neudell Mort b	New York Telephone Directory
	Propper Martin b	New York Telephone Directory

1147 45TH AVE

Year	Uses	Source
2005	Numbr 7 h Ortiz Dannis AO 718 786 0327 s	Hill-Donnelly Information Services
	Ortiz M	Hill-Donnelly Information Services
	Ramlrez Efrain	Hill-Donnelly Information Services
	Numbr 15 Sema Alexander	Hill-Donnelly Information Services
	Numbr 11 h Suarez Amparo AV	Hill-Donnelly Information Services
	Numbr 16 h Woodason Nithaya Av	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 6 h Constantino Carina y	Hill-Donnelly Information Services
	De Prophetis Mary Anne	Hill-Donnelly Information Services
	Numbr 13 Foumier Urania A	Hill-Donnelly Information Services
	Numbr 14 h Jimenez M o	Hill-Donnelly Information Services
	Numbr 10 h Kimbrough Mary Anne & Frank	Hill-Donnelly Information Services
2000	Apartments Brittany Allen	Cole Information Services
	Canna Constantino	Cole Information Services
	De Prophetis	Cole Information Services
	Donald Flores	Cole Information Services

FINDINGS

Year	Uses	Source
2000	Urania Fournier	Cole Information Services
	Victor E Giraldo	Cole Information Services
1996	FOURNIER Urzato	NYNEX
1991	Natale Margaret A	NYNEX Information Resource Company
	Caneiro Jose	NYNEX Information Resource Company
	De Prophetis Mary Anne	NYNEX Information Resource Company
	Fournier Urania	NYNEX Information Resource Company
	Fournier Urania	NYNEX Information Resource Company
	Giraldo V R	NYNEX Information Resource Company
	Kimbrough Mary Anne & Frank	NYNEX Information Resource Company
	Ortiz D	NYNEX Information Resource Company
	Ortiz M	NYNEX Information Resource Company
	Suarez Severino	NYNEX Information Resource Company
	Woodason Nithaya	NYNEX Information Resource Company
	Ynoa Jorge	NYNEX Information Resource Company
1983	Fournier Urania	New York Telephone
	Caneiro Jose	New York Telephone
	Giraldo V R	New York Telephone
	Kaewbang Kawee	New York Telephone
	Lindner Lawrence	New York Telephone
	Natale Margaret A	New York Telephone
	Ortiz D	New York Telephone
	Ortiz M	New York Telephone
	Rodriguez Mario	New York Telephone
	Sanchez A	New York Telephone
	Schneider J	New York Telephone
1976	Alvarez Alberto	New York Telephone
	Caneiro Jose	New York Telephone
	Celmer Stanley L	New York Telephone
	Gonzalez Hector	New York Telephone
1970	Pens Urania	New York Telephone
	Bedell Chas	New York Telephone
	Celmer Stanley L	New York Telephone
	Gell Elena S Mrs	New York Telephone
	Hannel Eliz M	New York Telephone
	Molitor Nik	New York Telephone
	Natale Margaret A	New York Telephone
	Santana Tomas	New York Telephone

FINDINGS

Year	Uses	Source
1970	Schneider Julia	New York Telephone
1967	Almash Nicholas	New York Telephone
	Bedell Chas	New York Telephone
	Blaho Stephan	New York Telephone
	Celmer Stanley L	New York Telephone
	Hannel Eliz Al	New York Telephone
	Lugo Irene	New York Telephone
	Molitor Nik	New York Telephone
	Natale Margaret A	New York Telephone
	Schneider Julia	New York Telephone
1962	Almash Nicholas	New York Telephone Directory
	Bedell Chas	New York Telephone Directory
	Beringer Henriette	New York Telephone Directory
	DiTommaso Mary G	New York Telephone Directory
	Getchell Ralph H	New York Telephone Directory
	Hannel Eliz M	New York Telephone Directory
	Molitor Nik	New York Telephone Directory
	Schneider Julia	New York Telephone Directory
1945	Bedell Chas	New York Telephone
	Eagan Eugene F	New York Telephone
	Schneider Jos	New York Telephone
	Tomlinson Lawrence Jr	New York Telephone
1934	Bedell Chas Jenny chauf	R. L. Polk & Co.
	Brown Thos Frances lab	R. L. Polk & Co.
	Brown Vera waitress	R. L. Polk & Co.
	Clemensen Jos May lab	R. L. Polk & Co.
	Dietrich Alf Hedgwick baker	R. L. Polk & Co.
	Klein DAvid Dora clk	R. L. Polk & Co.
	Kotish John Kuni routemn	R. L. Polk & Co.
	Nelson Sigurd Margt mech	R. L. Polk & Co.
	OConnor Julia clk	R. L. Polk & Co.
	Pask Stanley J Beatrice camera opr	R. L. Polk & Co.
	Taylor Clarence Gerace barge capt	R. L. Polk & Co.
	Vasata Wm Agnes	R. L. Polk & Co.
	Vasata Wm lab	R. L. Polk & Co.
	Winkler John Nellie slsmn	R. L. Polk & Co.

FINDINGS

1155 45TH AVE

Year	Uses	Source
2013	HUNTERS PLUMBING & HEATING	Cole Information Services
	JOY GOURMET INC	Cole Information Services
2005	Numbr 6 h R 1 B BA	Hill-Donnelly Information Services
	Numbr 27 h Stormer H & 0 AV	Hill-Donnelly Information Services
	Viana Luls v	Hill-Donnelly Information Services
	Numbr 22 White Philomena & Robert	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	Continued	Hill-Donnelly Information Services
	Deli 1 R	Hill-Donnelly Information Services
	Angel Yehuda v	Hill-Donnelly Information Services
	Numbr 11 h Campbell William P A	Hill-Donnelly Information Services
	Numbr 4h Friedli Roger 7718 784 5995 s	Hill-Donnelly Information Services
	Numbr 11 h German Christopher	Hill-Donnelly Information Services
	Numbr 2 h Juliano Ann AV	Hill-Donnelly Information Services
	h Karas M	Hill-Donnelly Information Services
	Numbr 24 h Kelly Robert	Hill-Donnelly Information Services
	Numbr 8 Martin Wesley	Hill-Donnelly Information Services
	Numbr 5 Mcfarlane Alexander	Hill-Donnelly Information Services
	Mejia John	Hill-Donnelly Information Services
	Numbr 26 Mootz Harald G	Hill-Donnelly Information Services
	Numbr 23 North Kenneth A	Hill-Donnelly Information Services
	Numbr 13 h Perez Luis Angel A	Hill-Donnelly Information Services
	Numbr 8 h Rieger Emily	Hill-Donnelly Information Services
2000	Michael Amaral	Cole Information Services
1996	FRIEDLI Roger	NYNEX
1991	Mech Paul	NYNEX Information Resource Company
	North Florence M	NYNEX Information Resource Company
	North Kenneth	NYNEX Information Resource Company
	Perez Luis Angel	NYNEX Information Resource Company
	Smiri Joseph	NYNEX Information Resource Company
	Campbell Wm P	NYNEX Information Resource Company
	Caneiro Jose	NYNEX Information Resource Company
	Christie Arthur	NYNEX Information Resource Company
	Holmes S	NYNEX Information Resource Company
	Juliano Michl J	NYNEX Information Resource Company
	Kendus Ann	NYNEX Information Resource Company
	Mayer Madeline A Mrs	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Mayer William	NYNEX Information Resource Company
1983	Barreto L	New York Telephone
	Budhu Gewan	New York Telephone
	Campbell Wm P	New York Telephone
	Comunale J	New York Telephone
	Dinkgreve H	New York Telephone
	Donohue Wm E	New York Telephone
	Duda L M	New York Telephone
	Gasper Jos	New York Telephone
	Juliano Michl J	New York Telephone
	Mayer Madeline A Mrs	New York Telephone
	Mercurio Joseph	New York Telephone
	Montalvo F	New York Telephone
	North Florence M	New York Telephone
	North Kenneth	New York Telephone
	Roman C M	New York Telephone
1976	Evans Herman	New York Telephone
	Gasper Jos	New York Telephone
	Juliano Michl J	New York Telephone
	La Bate K	New York Telephone
	Leahy Wm F	New York Telephone
	Blethroad James K	New York Telephone
	Campbell Wm P	New York Telephone
	Caneiro Jose	New York Telephone
	Chelini Orlando	New York Telephone
	Comunale J	New York Telephone
	Donohue Wm E	New York Telephone
1970	Campbell Wm P	New York Telephone
	Comunale Josephine Mrs	New York Telephone
	Donohue Wm E	New York Telephone
	Evans Herman	New York Telephone
	Gasper Jos	New York Telephone
	Juliano Michl J	New York Telephone
	LaBate Katherine	New York Telephone
	Leahy Wm F	New York Telephone
	Mayer Madeline A Mrs	New York Telephone
	North Florence M	New York Telephone
	North Kenneth	New York Telephone

FINDINGS

Year	Uses	Source
1970	Rensch R P	New York Telephone
	Schultz Edw	New York Telephone
1967	Campbell Wm P	New York Telephone
	Chelini Orlando	New York Telephone
	Comunale Josephine Mrs	New York Telephone
	Crawford Helge	New York Telephone
	Donohue Wm E	New York Telephone
	Gasper Jos	New York Telephone
	Grande Jos P	New York Telephone
	Juliano Michl J	New York Telephone
	LaBate Katherine	New York Telephone
	Leahy Wm F	New York Telephone
	Mahoney Wm	New York Telephone
	Mayer Madeline A Mrs	New York Telephone
	McGuinness John J	New York Telephone
	North Florence M	New York Telephone
	North Kenneth	New York Telephone
	Rensch R P	New York Telephone
	Spaccaforno Victor	New York Telephone
1962	Campbell Wm P	New York Telephone Directory
	Clielini Orlando	New York Telephone Directory
	Donohue Wm E	New York Telephone Directory
	Gasper Jos	New York Telephone Directory
	Gaston Isabel Theresa	New York Telephone Directory
	Guilmette Arthur C	New York Telephone Directory
	Juliano Frank	New York Telephone Directory
	Juliano Michl J	New York Telephone Directory
	LaBate Katherine	New York Telephone Directory
	Lawrence Jas	New York Telephone Directory
	Leahy Wm F	New York Telephone Directory
	Maher Geo	New York Telephone Directory
	Mayer Madeline A Mrs	New York Telephone Directory
	North Florence M	New York Telephone Directory
	Reid Ernest O	New York Telephone Directory
	Rodriguez C	New York Telephone Directory
	Schorr Howard	New York Telephone Directory
	Silverman Abe	New York Telephone Directory
	Spaccaforno C	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Wallace M C	New York Telephone Directory
1945	Hartley Sue Mrs	New York Telephone
	Lazacka Mary	New York Telephone
	Lombardi May Mrs	New York Telephone
	Maple Coal & Coke Co	New York Telephone
	Mayer Madeline A Mrs	New York Telephone
	Spaccaforno C	New York Telephone
1939	Flanagan Nellie Mrs	New York Telephone Company
	Kudlak Fred	New York Telephone Company
	Lazacka Mary	New York Telephone Company
	Lombardi May Mrs	New York Telephone Company
	Mayer Madeline A Mrs	New York Telephone Company
	Mc Guiness C L	New York Telephone Company
1934	ODonnell Elizabeth wid Patk	R. L. Polk & Co.
	ODonnell Mildred sten Mhn	R. L. Polk & Co.
	ONeill Jos clk	R. L. Polk & Co.
	ONeill Nora	R. L. Polk & Co.
	Rissmann Charlotte waitress	R. L. Polk & Co.
	Roman Anna	R. L. Polk & Co.
	Roman Cath sten	R. L. Polk & Co.
	Roman Ignalius dyer	R. L. Polk & Co.
	Sharkey Mary Wid Saml	R. L. Polk & Co.
	Smith Nelson wtchmn	R. L. Polk & Co.
	Stragi Jos Cath waiter	R. L. Polk & Co.
	Walsh Geo Hannah chauf	R. L. Polk & Co.
	Wyman Elmer J Adeline teleg	R. L. Polk & Co.
	Mc Veety	R. L. Polk & Co.
	Asta Carmen Agnes mtrmn	R. L. Polk & Co.
	Benson Benj Gertrude	R. L. Polk & Co.
	Brinkman Henry Margt slsmn	R. L. Polk & Co.
	Brown Chas Mary	R. L. Polk & Co.
	Carlsen Bernard Anna rigger	R. L. Polk & Co.
	Cosgrove Jas Gertrude slsmn	R. L. Polk & Co.
	Doyle Michl dock bldr dept P & S	R. L. Polk & Co.
	Flanagan Nellie Wid Jos	R. L. Polk & Co.
	Grover Jas clnr	R. L. Polk & Co.
	Hofner Cath wid Chas	R. L. Polk & Co.
	Hofner Edw clk Mhn	R. L. Polk & Co.

Year	Uses	Source
1934	Holdos Frank Madgalene bldg supt	R. L. Polk & Co.
	Landis Wm Margt slsmn	R. L. Polk & Co.
	Mason Carmen Emma truck driver	R. L. Polk & Co.
	Mc Veety Frank Mary clk	R. L. Polk & Co.
	Moore John jr printe	R. L. Polk & Co.

1165 45TH AVE

Year	Uses	Source
1970	Chelini Orlando	New York Telephone

1255 45TH AVE

Year	Uses	Source
1991	Velez A	NYNEX Information Resource Company

1347 45TH AVE

Year	Uses	Source
1983	Suarez Severino	New York Telephone

1413 45TH AVE

Year	Uses	Source
1934	Garfield Rose silk Exmnr	R. L. Polk & Co.

18-12 45TH AVE

Year	Uses	Source
1950	MILLER I B CONTRACTG CORP	New York Telephone
	MILLER I-B-ACSELROD WM BLDRS INC	New York Telephone

18-48 45TH AVE

Year	Uses	Source
1950	NOLFO MARY	New York Telephone

1815 45TH AVE

Year	Uses	Source
2008	DOBBS INTERNATIONAL SERVICE	Cole Information Services
	GATES GOURMET	Cole Information Services

1824 45TH AVE

Year	Uses	Source
1934	Fry Wm Caroline eng	R. L. Polk & Co.

FINDINGS

45TH RD

1018 45TH RD

Year	Uses	Source
1934	International Skylight Co Inc NY	R. L. Polk & Co.
	United Saw Works RTN Albert Needhammer Paul Kiechle	R. L. Polk & Co.

1020 45TH RD

Year	Uses	Source
2013	GARNETT CHRISTIAN	Cole Information Services
	ARMSTRONG LOCKSMITH INCORPORATED	Cole Information Services
2005	Stein Daniel	Hill-Donnelly Information Services
	h Chesler Andrew	Hill-Donnelly Information Services
	Ehrenwoth Andrew	Hill-Donnelly Information Services
	Gamett Christian w	Hill-Donnelly Information Services
	Gamett Christian s	Hill-Donnelly Information Services
	h Hammerman Pat A	Hill-Donnelly Information Services
	h Mudd Harvey AO	Hill-Donnelly Information Services
2000	Joyce Abrams	Cole Information Services
	Andrew Ehrenwoth	Cole Information Services
	P Hammermankrassn	Cole Information Services
	Crystal Lee	Cole Information Services
	Lori Nozick	Cole Information Services
	Sandra Salisbury	Cole Information Services
	Chesler Andrew	Cole Information Services
	Garnett Christian	Cole Information Services
	Giganti Jnn Evlvng	Cole Information Services
	Mark Andrew Vndng	Cole Information Services
	Mudd Harvey	Cole Information Services
	Robishaw Sandr	Cole Information Services
	Vallas Dean	Cole Information Services
1991	Ten Twenty Art Space Inc	NYNEX Information Resource Company
1962	Orium Prods Inc	New York Telephone Directory
	Saboeva Furn Inc	New York Telephone Directory
1945	Rogge Edw b	New York Telephone
	Roller Engrvng C0 Inc	New York Telephone
	Gussack Machined Prods Co	New York Telephone
1939	Queens Silk Co Inc	New York Telephone Company

FINDINGS

Year	Uses	Source
1939	Standard Instruments Corp	New York Telephone Company

1025 45TH RD

Year	Uses	Source
2005	Port Distributing Corp IS	Hill-Donnelly Information Services
1991	PORT DISTRIBTG CORP	NYNEX Information Resource Company
	Port Dstrbtng Corp	NYNEX Information Resource Company
1983	QUADRI INC	New York Telephone

1027 45TH RD

Year	Uses	Source
1945	Missioni Dry Corp sales dept	New York Telephone
	Plaza Beverage Co Inc	New York Telephone
1934	Sekested A truck driver Long Island Fndry Co Inc	R. L. Polk & Co.
	Vanscwer V mldr Long Island Foundry Co Inc	R. L. Polk & Co.
	Minary R chipper Leng Island Foundry Co Inc	R. L. Polk & Co.
	Long Island Foundry Co Inc NY cap $100000 Thos F Mc Mahon pres Melvin Healy sec treas	R. L. Polk & Co.
	Kajel S chipper Long Island Foundry Co Inc	R. L. Polk & Co.
	Jaracek J shipper Long Island Foundry Co Inc	R. L. Polk & Co.
	Sylinskv A mldr Long Island Foundry Co Inc	R. L. Polk & Co.

1028 45TH RD

Year	Uses	Source
1939	Dan Dee Strap & Spclty Co	New York Telephone Company
	Bradley A J Mfg Co oil papr	New York Telephone Company
	Bradley Stencil Cutting Machine Co	New York Telephone Company
	Gussack Machined Prods Inc	New York Telephone Company
	Malan & Meyer	New York Telephone Company
1934	Branch	R. L. Polk & Co.

1030 45TH RD

Year	Uses	Source
1983	Angelos Art	New York Telephone

FINDINGS

1032 45TH RD

Year	Uses	Source
1967	Advanced Fabricating Corp	New York Telephone
1962	Advanced Welding & Fabricating Co	New York Telephone Directory

1034 45TH RD

Year	Uses	Source
2013	LLOYD & SONS INC	Cole Information Services
2005	Arlington Furniture Corp	Hill-Donnelly Information Services
2000	The Arlngtn Furn	Cole Information Services
1991	Ionic Furniture Corp	NYNEX Information Resource Company
1983	Ionic Furniture Corp	New York Telephone

1035 45TH RD

Year	Uses	Source
2000	LIC Trucking Corp	Cole Information Services
	LIC Tracking	Cole Information Services

1038 45TH RD

Year	Uses	Source
1939	Hercules Co road rollrs	New York Telephone Company

1122 45TH RD

Year	Uses	Source
2008	TEL KO ELECTRONICS INC	Cole Information Services
2005	Shine Electronics Inc	Hill-Donnelly Information Services
2000	Shino Elctrncs Inc	Cole Information Services
1991	TEL KO ELECTRONICS INC	NYNEX Information Resource Company
	Telko Electronics Inc	NYNEX Information Resource Company
	Gold Star Electronics International Inc	NYNEX Information Resource Company
	Compucare Micro Systems Inc	NYNEX Information Resource Company
	Gold Star Electronics	NYNEX Information Resource Company
1983	Florelee Undrgrmnt Co Inc	New York Telephone
1970	Florelee Undrgrmnt Co Inc	New York Telephone
1967	Florelee Undrgrmnt Co Inc	New York Telephone

1125 45TH RD

Year	Uses	Source
1962	Rapp Wm	New York Telephone Directory

FINDINGS

1130 45TH RD

Year	Uses	Source
2013	YORK INTERNATIONAL	Cole Information Services
2008	NEW YORK STORE FIXTURE	Cole Information Services
	YORK INTERNATIONAL	Cole Information Services
2000	Green Mtn Graphics	Cole Information Services
	Owens Express	Cole Information Services
1991	Ferroform Inc	NYNEX Information Resource Company
1970	Efficient Instruments Corp	New York Telephone
	Argo Instrmnts Corp	New York Telephone
	Efficient Instrments Corp	New York Telephone

1136 45TH RD

Year	Uses	Source
1976	Tech Inquiries	New York Telephone
1967	Tech Inquiries	New York Telephone

1140 45TH RD

Year	Uses	Source
2005	SSG Library Svc	Hill-Donnelly Information Services
1976	Fisher Radio Corp Exec Offices	New York Telephone
	Parts Dept	New York Telephone
	Repr Svce & Parts	New York Telephone
1970	Exec Offices	New York Telephone
	Repr Svce & Parts	New York Telephone
1967	Exec Offices	New York Telephone
	Repr Svce	New York Telephone

1866 45TH RD

Year	Uses	Source
2000	Nation Wd Recycle	Cole Information Services

2019 45TH RD

Year	Uses	Source
2000	Cheryl Buchner	Cole Information Services

2046 45TH RD

Year	Uses	Source
2000	Michael Stapleton	Cole Information Services

FINDINGS

2057 45TH RD

Year	Uses	Source
2000	David Hamill	Cole Information Services
	21ST ST INTS FROM	Cole Information Services

2059 45TH RD

Year	Uses	Source
1939	Kiernan Patrick	New York Telephone Company

45TH ST

10-11 45TH ST

Year	Uses	Source
1950	SUN DEW CORP BEVRGS	New York Telephone
	ORANGE MAID INC	New York Telephone

10-12 45TH ST

Year	Uses	Source
1950	KROMALL CHEMCL & DISPERSIONS CORP	New York Telephone

10-15 45TH ST

Year	Uses	Source
1950	US MANNEQUIN MTG CO	New York Telephone
	BEST METL PRODC INC	New York Telephone
	PETER PUPPET PLAYTHINGE INC	New York Telephone
	NATL VENELATS CO INC	New York Telephone

10-18 45TH ST

Year	Uses	Source
1950	SANDER MONROE CORP LAGRS VARNSHS	New York Telephone
	MONROE SANDER CORP LAQRS VARNSHS	New York Telephone

10-27 45TH ST

Year	Uses	Source
1950	WOOLBRYTE FABRICS CO	New York Telephone
	BORSDORFF CO INC THE FURN	New York Telephone
	IMPERIAL REED & FLBRA CO	New York Telephone
	BEHRENS WOOLEN MILLS INC	New York Telephone

FINDINGS

10-35 45TH ST

Year	Uses	Source
1950	FEHLHABER PILE CO INC	New York Telephone

10-36 45TH ST

Year	Uses	Source
1950	QUEENS TEXTILE MFG INC	New York Telephone
	TIMBERLANE HOTEL GUEST RANCH	New York Telephone

10-40 45TH ST

Year	Uses	Source
1950	HEFGOLD REALTY CORP OFC	New York Telephone
	EMPIRE CITY IRON WKS	New York Telephone
	DALY STEEL PRODS CO	New York Telephone
	HEFFNER S O RL EST	New York Telephone

1020 45TH ST

Year	Uses	Source
1934	Goldman Abr Celia Goldman Bros	R. L. Polk & Co.

1027 45TH ST

Year	Uses	Source
1934	Donohue W emp Long Island Foundry Co Inc	R. L. Polk & Co.

1035 45TH ST

Year	Uses	Source
1934	Zinn Saul I Westminster Pharmacy	R. L. Polk & Co.

1095 45TH ST

Year	Uses	Source
1962	SCHIEFFELIN & CO	New York Telephone Directory
	Drug Order Dept	New York Telephone Directory
	Genl Offices	New York Telephone Directory
	Drug Ordr Dept	New York Telephone Directory
	Schieffelin & Co drugs phrmcutcls	New York Telephone Directory
	Schieffelin & Co drugs phrmcutcls	New York Telephone Directory

11-14 45TH ST

Year	Uses	Source
1950	DEREN GEO F	New York Telephone
	DE VITA WM G	New York Telephone

FINDINGS

Year	Uses	Source
1950	BURCH JOHN P JR	New York Telephone
	BAYLIS MARY	New York Telephone
	BACHENHEIMER ALBERT D	New York Telephone
	ADAMS JAS	New York Telephone
	W	New York Telephone
	VINE WM	New York Telephone
	STREUBER ANTONIE	New York Telephone
	SHAW MARY MRS	New York Telephone
	ROWAN JEANETTE MRS	New York Telephone
	ROBINSON WM J	New York Telephone
	MOORE GERALDINE	New York Telephone
	MOLONEY MARY MRS	New York Telephone
	MCCARTHY PATRICIA E	New York Telephone
	MACHINSKY PETER	New York Telephone
	M	New York Telephone
	KENNEDY PATK	New York Telephone
	DE NERO ANTHONY F	New York Telephone

11-24 45TH ST

Year	Uses	Source
1950	ACME EXTERMINATING CO	New York Telephone
	WARYOLD FRANK P	New York Telephone
	ARC ENGNRNG CO BOILR REPR& WELDNG	New York Telephone
	BELLINI MICHL A	New York Telephone
	BISIGNANL VINCENT F DDS	New York Telephone
	BURNOR HARRY A	New York Telephone
	CARBONE GERTRUDE	New York Telephone
	CARELLI FRANK P	New York Telephone
	COLLETTI GEO	New York Telephone
	D ANTUONO RALPH J	New York Telephone
	DE NERO JOS	New York Telephone
	DE SERIO JOHN	New York Telephone
	FERRINI JULIUS	New York Telephone
	FIORETTL CARRIE	New York Telephone
	FUMEX SANITATION INC	New York Telephone
	GALLAGHER WM	New York Telephone
	GEAGAN JOHN	New York Telephone
	GLRARDL JEROME J	New York Telephone

FINDINGS

Year	Uses	Source
1950	AMER COM STEEL CO	New York Telephone
	VISSER ADRLANUS	New York Telephone
	GOLDNER ALEX H	New York Telephone
	KENNY JOHN H	New York Telephone
	KENNY THOS	New York Telephone
	L I TANK LINING CO	New York Telephone
	M	New York Telephone
	MAJESTLC EXTERMINATING CO INC	New York Telephone
	P	New York Telephone
	PIEKEMA SUSAN	New York Telephone
	PROFESSIONAL MENS EXCHANGE OF QNS	New York Telephone
	QUEENS TELEPHONE SECRETARY	New York Telephone
	RICCIO MARGIE R	New York Telephone
	S	New York Telephone
	S	New York Telephone
	SCHARFF CARRIE MRS	New York Telephone
	SHEPPARD WM C JR	New York Telephone
	SORIANO VINCENT A	New York Telephone
	STACK BEREHA MRS	New York Telephone
	STERNER TERESA MRS	New York Telephone

1115 45TH ST

Year	Uses	Source
1934	Newbury Nelson Mary slsmn	R. L. Polk & Co.
	Fontana Eug Elvira formn Mhn	R. L. Polk & Co.

1147 45TH ST

Year	Uses	Source
1934	OConnor Jos Cath handymn	R. L. Polk & Co.

1155 45TH ST

Year	Uses	Source
1934	Moore Mary wid John	R. L. Polk & Co.
	Mc Cabe Margt wid John matron	R. L. Polk & Co.
	Mc Cabe Jas elev opr Mhn	R. L. Polk & Co.
	Leahy Wm Jane chauf Mhn	R. L. Polk & Co.
	Brown Martin Winifred lab	R. L. Polk & Co.
	Rissmann Elsie Wid Walter	R. L. Polk & Co.

1254 45TH ST

Year	Uses	Source
1934	Wolff Herman Frances pres Wollf Alport Chemical Corp	R. L. Polk & Co.

1322 45TH ST

Year	Uses	Source
1934	Robinson Robt Virginia clk	R. L. Polk & Co.

1330 45TH ST

Year	Uses	Source
1934	Blum Louis Blum Electric Co	R. L. Polk & Co.

1401 45TH ST

Year	Uses	Source
1996	UNYT Newspapers	NYNEX

46TH AVE

10-20 46TH AVE

Year	Uses	Source
1950	BANNON CATHERINE M MRS	New York Telephone

10-22 46TH AVE

Year	Uses	Source
1950	LAURL BENJ	New York Telephone

10-24 46TH AVE

Year	Uses	Source
1950	OCONNOR JOHN D	New York Telephone

10-25 46TH AVE

Year	Uses	Source
1950	HEPPA WM TRUCKING CO INC	New York Telephone

10-26 46TH AVE

Year	Uses	Source
1950	LAURI ANIEL T	New York Telephone

10-28 46TH AVE

Year	Uses	Source
1950	MEO SALVATORE	New York Telephone

FINDINGS

10-29 46TH AVE

Year	Uses	Source
1950	FARM FOOD CHEESE CORP	New York Telephone

10-34 46TH AVE

Year	Uses	Source
1950	BWAY REBUILT MOTOR DISTRIBUTRS CO	New York Telephone
	CONSOLIDATED OIL & SUPPLY CO	New York Telephone

10-35 46TH AVE

Year	Uses	Source
1950	GRAY SELMA	New York Telephone
	KEMPF CHAS H	New York Telephone
	SULLA LAWRENCE	New York Telephone
	GRAY LILLIA E	New York Telephone

10-37 46TH AVE

Year	Uses	Source
1950	LO PICCOLO JOHN	New York Telephone

10-41 46TH AVE

Year	Uses	Source
1950	AMATO FRANK	New York Telephone
	CAGGIANO LAWRENCE	New York Telephone
	CARUNO ANNE	New York Telephone

10-42 46TH AVE

Year	Uses	Source
1950	JEROME ANTHONY J	New York Telephone

10-43 46TH AVE

Year	Uses	Source
1950	RENNA JAS V	New York Telephone
	CHLAPPISE ANTHONY	New York Telephone

10-45 46TH AVE

Year	Uses	Source
1950	DI GESU FRANK	New York Telephone

FINDINGS

10-47 46TH AVE

Year	Uses	Source
1950	CANNIZZARO PETER	New York Telephone

10-48 46TH AVE

Year	Uses	Source
1950	DE LANEY SARAH	New York Telephone

10-49 46TH AVE

Year	Uses	Source
1950	LO CICERO BENJ J	New York Telephone

10-50 46TH AVE

Year	Uses	Source
1950	PEPE FRANK	New York Telephone

10-51 46TH AVE

Year	Uses	Source
1950	MASON MARY	New York Telephone

10-52 46TH AVE

Year	Uses	Source
1950	NORTON CATHERINE	New York Telephone

10-54 46TH AVE

Year	Uses	Source
1950	AGOGUA FELICE	New York Telephone

1012 46TH AVE

Year	Uses	Source
2013	ABC METER SHOP	Cole Information Services
2008	ABC METER SHOP	Cole Information Services

1015 46TH AVE

Year	Uses	Source
2008	KOCHWAY DISTRIBUTION INC	Cole Information Services
2005	Kochway Distribution Inc	Hill-Donnelly Information Services
	Queens Import Motors Inc	Hill-Donnelly Information Services
1967	Jay Wool Waste Co	New York Telephone
1962	Natl Ventlatg Co	New York Telephone Directory
	BEST METL PRODS INC	New York Telephone Directory
1945	Best Metl Prods Inc	New York Telephone

Year	Uses	Source
1945	Natl Ventlatg Co	New York Telephone
1939	Goodwear Leather Coat Co Inc	New York Telephone Company
	Best Metl Prods Inc	New York Telephone Company
	A & W Prods Co metl stmpg	New York Telephone Company
	Plastic Jwlry Inc plste mfrs	New York Telephone Company
	Natl Ventlatg Co	New York Telephone Company
1934	National Ventilating Co cap $250 000 Henry Doscher pres John E Hartz v pres Louis A Dietz sec Therese Dublin treas	R. L. Polk & Co.
	Kanner Saml novelties	R. L. Polk & Co.
	Hartz John E sec treas Beton Farms Eng Corp	R. L. Polk & Co.
	Beton Forms Eng Corp NY R De Sousa pres J Hartz v pres treas concrete forms	R. L. Polk & Co.
	De Sousa R pres Beton Forms Eng Corp	R. L. Polk & Co.
	Gunther Advertising Tape Corp cap $10 000 Fred T Beidenbecke pres Ernest O Mego sec Forrest H Smith treas	R. L. Polk & Co.

1016 46TH AVE

Year	Uses	Source
2013	RANDEL MOLD & DIE CORP	Cole Information Services
2008	COVALENCE SPECIALTY MATERIALS	Cole Information Services
2005	Randel Mold & Die Corp	Hill-Donnelly Information Services
2000	Randel Plstcs Inc	Cole Information Services
	Carolyn Monastr	Cole Information Services
	Leslie Concanon	Cole Information Services
1991	RANDEL PLASTICS INC Custom Injection Molders	NYNEX Information Resource Company
	Conkling Katherine	NYNEX Information Resource Company
1983	Randel Plastics Inc	New York Telephone
	JP Hanger b	New York Telephone
1970	Randel Mold & Die Corp	New York Telephone
	Cahil Mfs Co	New York Telephone
1934	Imperial Paint Co cap $50 000 Aug Vogel pres Aug Vogel Jr sec Penrose R Perkins treas	R. L. Polk & Co.
	Impaco Products RTN Imperial Paint Co whol paints	R. L. Polk & Co.

1018 46TH AVE

Year	Uses	Source
1967	Sander Monroe Corp The lagrs & vrnshs	New York Telephone

FINDINGS

Year	Uses	Source
1967	Monroe Sander Corp The laqrs & vrnshs	New York Telephone
1962	Monroe Sander Corp The laqrs & vrnshs	New York Telephone Directory
	Sander Monroe Corp The laqrs & vrnshs	New York Telephone Directory
1939	Monroe Sander Corpn lacquers & varnishes	New York Telephone Company
	Sander Monroe Corpn lacquers & Varnishes	New York Telephone Company
	Salore Inc	New York Telephone Company

1022 46TH AVE

Year	Uses	Source
2013	DMP COMPANY INC	Cole Information Services

1024 46TH AVE

Year	Uses	Source
1945	Carpenter Morton Co Inc	New York Telephone
	Imperial Paint Co	New York Telephone
	United Varnish Co	New York Telephone
1939	Carpenter Morton Co Inc	New York Telephone Company
	Imperial Paint Co	New York Telephone Company

1025 46TH AVE

Year	Uses	Source
1934	Standard Motor products Corp NY Elias Fife pres treas Herman O Rosenstein sec	R. L. Polk & Co.

1026 46TH AVE

Year	Uses	Source
2013	PICKEREL PIE ENTERTAINMENT	Cole Information Services
2005	Macias Pl	Hill-Donnelly Information Services
2000	Margaret Heffeman	Cole Information Services
1991	Lyon Bill	NYNEX Information Resource Company
1983	Gross Howard	New York Telephone
	Wallington Motor Lines Inc	New York Telephone
1970	Astro Picture Frames & Moldings Corp	New York Telephone
1945	Monroe Sander Corp laqrs & varnshes	New York Telephone
	Sander Monroe Corp laqrs & varnshes	New York Telephone
1939	Eclipse Paint Mfg Co	New York Telephone Company
	Encore Palnt & Varnish Mfg Co	New York Telephone Company

FINDINGS

1027 46TH AVE

Year	*Uses*	*Source*
2013	JORGES UPHOLSTERY	Cole Information Services
	ROW NEW YORK INC	Cole Information Services
2008	JORGES UPHOLSTERY	Cole Information Services
	L C H UPHOLSTERY INC	Cole Information Services
	MITTMAN LEWIS INC	Cole Information Services
	SUCCESS PRODUCTION ADVERTISING INC	Cole Information Services
	RACK & PINION	Cole Information Services
	INDEPENDENT STUDIOS 1	Cole Information Services
2005	Multi Unit Address	Hill-Donnelly Information Services
	Barber Vivian	Hill-Donnelly Information Services
	Hogan Betty Ann 1 718 937 3582 + Numbr 4 Independent St	Hill-Donnelly Information Services
	Keano Monika	Hill-Donnelly Information Services
	LCH Upholstery Inc 11718433 0094 o	Hill-Donnelly Information Services
	Numbr 1 Lewis Mittman Inc	Hill-Donnelly Information Services
	Rayones Art Studio	Hill-Donnelly Information Services
	Risquez Geromino	Hill-Donnelly Information Services
	Success Advertising Is	Hill-Donnelly Information Services
	h Thulin A	Hill-Donnelly Information Services
2000	Independent	Cole Information Services
	Upholstery Inc	Cole Information Services
	Rayones Art Studio	Cole Information Services
	Schaumburger Anu	Cole Information Services
	Simpson Hester	Cole Information Services
	Thulin	Cole Information Services
	Vivian Barber	Cole Information Services
	Monika Keano	Cole Information Services
	Chahee Pickard	Cole Information Services
	Independent S	Cole Information Services
1991	Independent Studios	NYNEX Information Resource Company
1983	C G Graphics	New York Telephone
	Christie Arthur b	New York Telephone
	William Parry Architectural Woodwork	New York Telephone
1967	Imperial Reed & Rattan Furn Co	New York Telephone
1962	Imperial Reed & Rattan Furn Co	New York Telephone Directory
1945	Behrens Woolen Mills Inc	New York Telephone
	Imperial Reed & Fibre Co	New York Telephone

Year	Uses	Source
1939	Behrens Bros Silk Co Inc	New York Telephone Company
	Evans Elevator Equalizer Co	New York Telephone Company
	Hall T F Inc heatg	New York Telephone Company
	Mari E & O Inc muscl strings	New York Telephone Company
1934	Bradley Bldg	R. L. Polk & Co.

1028 46TH AVE

Year	Uses	Source
2013	TAI RUI TRADING INCORPORATED	Cole Information Services
1934	Rettinger Bros TN Geo Rettinger blksmlths	R. L. Polk & Co.

1034 46TH AVE

Year	Uses	Source
2005	Building Specialties Corp	Hill-Donnelly Information Services
	ir 718 468 7412 o	Hill-Donnelly Information Services
2000	Bldng Spclts Corp	Cole Information Services
1991	Building Specialties Corp	NYNEX Information Resource Company
1983	Building Specialties Corp	New York Telephone
1976	Building Specialties Corp	New York Telephone
1970	Building Sepecialties Corp	New York Telephone
1967	Building Specialties Corp	New York Telephone
1945	Escape Hatch Co The	New York Telephone

1036 46TH AVE

Year	Uses	Source
2005	Phillip Import Inc	Hill-Donnelly Information Services
	New Jingle Sportswear Inc	Hill-Donnelly Information Services
2000	Innerline Inc	Cole Information Services
	Park SE Woong	Cole Information Services
	Tammy C Ltd	Cole Information Services
1945	Queens Textile Mill Inc	New York Telephone
1939	Queens Textile Mill Inc	New York Telephone Company

1038 46TH AVE

Year	Uses	Source
2013	COMPUTERCOOL ICE AGE MECHANICAL CORP	Cole Information Services
2005	Tony Century Fashion Inc	Hill-Donnelly Information Services
1991	Aaron Fashion Knitwear Ltd	NYNEX Information Resource Company
1983	Aaron Fashion Knitwear Ltd	New York Telephone

FINDINGS

1040 46TH AVE

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	11TH ST INTS FROM	Cole Information Services
	Classic Exec Limo	Cole Information Services
1991	Duncan Long Inc	NYNEX Information Resource Company
	Metal Partition Sales Corp	NYNEX Information Resource Company
1983	Duncan Long Inc partitions	New York Telephone
1970	Miller R B Organztn Inc	New York Telephone
1967	Miller R B Organztn Inc	New York Telephone
1962	Todays Displays Inc	New York Telephone Directory
1945	Daly Steel Prods Co	New York Telephone
	Empire City Iron Works	New York Telephone
	Heffner S O rl est	New York Telephone
	Heffner S O rl est	New York Telephone
	Hefgold Realty Corpn off	New York Telephone
1939	Heffner S O rl est	New York Telephone Company
	Hefgold Realty Corpn off	New York Telephone Company
	Empire City Iron Works	New York Telephone Company
1934	Daly Steel Products Corp NY Cap $20 000 Leopold Heffner pres treas Nathan Heffner sec Simon O Heffner asst treas subsidiary of and controlled by Empire City Iron Wks	R. L. Polk & Co.
	Empire City Iron Works NY Leopold Heffner pres treas Nathan Heffner sec Simon O Heffner asst treas	R. L. Polk & Co.

11-15 46TH AVE

Year	Uses	Source
1950	SULLIVAN PHILIP T	New York Telephone
	TANALSKI JOS	New York Telephone
	TANALSKI WALTER A	New York Telephone
	W	New York Telephone
	ATKINSON MARGARET C	New York Telephone
	B	New York Telephone
	CANTANNO JOA	New York Telephone
	DALLEY JAS J	New York Telephone
	DELGADO JOS	New York Telephone
	ELLINGTON WM R	New York Telephone
	FLOWER ISIDORE	New York Telephone
	FREY FRANCES	New York Telephone

FINDINGS

Year	Uses	Source
1950	FRIEDER LOUIS	New York Telephone
	GANO R P	New York Telephone
	JUCHNIEWICZ JOHN F	New York Telephone
	LEVESQUE ETHEL M	New York Telephone
	LOTITO PATSY	New York Telephone
	OTT JOS	New York Telephone
	PICECE NICHOLAS M	New York Telephone
	POLACHEK ELY AL	New York Telephone
	RAUSCHWALD MARK	New York Telephone
	REID JOS J	New York Telephone

11-16 46TH AVE

Year	Uses	Source
1950	NICKS LUNCHEONETTE	New York Telephone

11-18 46TH AVE

Year	Uses	Source
1950	FLAACKE WM DELCTSN	New York Telephone

11-25 46TH AVE

Year	Uses	Source
1950	ABRAMS ROSE MRS	New York Telephone
	B	New York Telephone
	BURCH JOHN J	New York Telephone
	CAPPA ANGELO C	New York Telephone
	CARROLL FLORENCE A MRS	New York Telephone
	COHEN SAML	New York Telephone
	COSOMANO ANTHONY	New York Telephone
	EMANUEL GUS	New York Telephone
	GARRAMONE PATSY	New York Telephone
	GARVEY JAS T	New York Telephone
	GELTER FRANK	New York Telephone
	J M E TRANSPTN	New York Telephone
	JAKOBLAK FRANCIS J	New York Telephone
	JUTT WM E	New York Telephone
	MCCABE MARY MRS	New York Telephone
	ODONNELL JOHN	New York Telephone
	PHOTAKIS EVELYN	New York Telephone
	PINES BROS INDUSTRL PAINTRS	New York Telephone

Year	Uses	Source
1950	REINFURT GEO	New York Telephone
	S	New York Telephone
	SCHMIDT ALFRED	New York Telephone
	SPERO MICHL A	New York Telephone
	TOSCANO PAULA MRS	New York Telephone
	VERSACI BESSIE M	New York Telephone

11-26 46TH AVE

Year	Uses	Source
1950	WOLVERINE TUBE DIV OF CALUMET & HECLA CONSOLIDATD COPPER CO INC	New York Telephone

11-30 46TH AVE

Year	Uses	Source
1950	YORK DISTRIBUTRS INC	New York Telephone
	YORK CORP COML DIV	New York Telephone

11-31 46TH AVE

Year	Uses	Source
1950	SCHULTZ CHAS A B	New York Telephone
	SIMONDS JOHN F B	New York Telephone
	RAAB G R B	New York Telephone
	RAAB G R B	New York Telephone
	BOSTWICK G B B J	New York Telephone

11-42 46TH AVE

Year	Uses	Source
1950	MEMENTO ASSOCIATES	New York Telephone
	AMER HOME FOODS INC N Y DIST SALES OFC	New York Telephone
	PELLICANO ANTHONY PAINTNG & DECORATG	New York Telephone
	ROSEN H CONTR	New York Telephone

11-48 46TH AVE

Year	Uses	Source
1950	WURM J DENTAL ENAMEL CO	New York Telephone

1103 46TH AVE

Year	Uses	Source
1991	British Publications Inc	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Elite Publshng Corp	NYNEX Information Resource Company
	European Film P T V Inc	NYNEX Information Resource Company
	European Media Reps Inc	NYNEX Information Resource Company
	European Publishers Reps Inc	NYNEX Information Resource Company
	Italian Advtng Co Inc	NYNEX Information Resource Company
	Italian Publicatns Inc	NYNEX Information Resource Company
	Italian Television Co Inc	NYNEX Information Resource Company
	Western Hemisphere Publishers Reps Inc	NYNEX Information Resource Company
1983	Elite Publishing	New York Telephone
	EUROBOOKS MAIL ORDER LIBRARY	New York Telephone
	European Film P T V Inc	New York Telephone
	European Media Reps Inc	New York Telephone
	European Publshrs Representatives Inc	New York Telephone
	French Book Guild	New York Telephone
	Italian Adving Co Inc	New York Telephone
	Italian Publicatns Inc	New York Telephone
	Italian Television Co Inc	New York Telephone
	Western Hemisphere Publishers Reps Inc	New York Telephone
	British Publications Inc	New York Telephone
	Continental Book Co	New York Telephone
1976	French Book Guild	New York Telephone
	British Publications Inc	New York Telephone
	Continental Book Co	New York Telephone
	Elite Publishing	New York Telephone
	Eurobooks Mail Order Library	New York Telephone
	European Film P T V Inc	New York Telephone
	European Media Reps Inc	New York Telephone
	European Publshrs Representatives Inc	New York Telephone
	Italian Advtng Co Inc	New York Telephone
	Italian Publicatns Inc	New York Telephone
	Italian Television Co Inc	New York Telephone
1970	Coldelit Corp of Amer	New York Telephone

1114 46TH AVE

Year	Uses	Source
2013	46TH AVE PLUMBING & SEWER	Cole Information Services
2005	Numbr 3 G h Wingate L D v Y 718 937 1420 oi	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Numbr 4 E Balazs Jorge	Hill-Donnelly Information Services
	Numbr 4 A Benson Thomas M	Hill-Donnelly Information Services
	Carsmnan Marian L	Hill-Donnelly Information Services
	Numbr 41 Creighton Robert A	Hill-Donnelly Information Services
	E h Defreitas Frank J 718 786 3671 68e	Hill-Donnelly Information Services
	Numbr BSMT h Feldstein Llaudia	Hill-Donnelly Information Services
	Numbr 4 H Frome	Hill-Donnelly Information Services
	Frome Jason	Hill-Donnelly Information Services
	Numbr 3 C Goetl David v	Hill-Donnelly Information Services
	Numbr 2D Hunt	Hill-Donnelly Information Services
	Numbr l Fh King Wayne	Hill-Donnelly Information Services
	Numbr 2 C Mendoza Betheddie	Hill-Donnelly Information Services
	Numbr 23 h Morano Kathleen	Hill-Donnelly Information Services
	h Pizzitola E	Hill-Donnelly Information Services
	Numbr 3 F Quinones Adrienne	Hill-Donnelly Information Services
	Quinones William p	Hill-Donnelly Information Services
	Numbr 2 C a Romeo Ri	Hill-Donnelly Information Services
	Numbr 4 F Siguencia Julia	Hill-Donnelly Information Services
	Numbr 3 H St Sauver Jason v	Hill-Donnelly Information Services
	h Taylor Sara v	Hill-Donnelly Information Services
	Numbr 30 Thorpe J	Hill-Donnelly Information Services
	Whitehouse Phyllis	Hill-Donnelly Information Services
2000	Apartments	Cole Information Services
	E Jorge Balazs	Cole Information Services
1996	FROME Jason	NYNEX
1991	Jorquera Flora	NYNEX Information Resource Company
	Balazs Jorge	NYNEX Information Resource Company
	Bedrosian G	NYNEX Information Resource Company
	Belardo A	NYNEX Information Resource Company
	Calderon Alex	NYNEX Information Resource Company
	Chauncey Edwin	NYNEX Information Resource Company
	Corkhill Olga	NYNEX Information Resource Company
	De Freitas Frank J	NYNEX Information Resource Company
	Frome Jason	NYNEX Information Resource Company
	Gallo Michael	NYNEX Information Resource Company
	Grosky Reid	NYNEX Information Resource Company
	Hush Michele	NYNEX Information Resource Company
	Morsette Z	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	OGara Kevin	NYNEX Information Resource Company
	Plummer V	NYNEX Information Resource Company
	Rabin Eliott	NYNEX Information Resource Company
	Robertson James R	NYNEX Information Resource Company
	Robins Richard	NYNEX Information Resource Company
	Saggerson Neil	NYNEX Information Resource Company
	Schneider Paul	NYNEX Information Resource Company
	Sprechman Jordan	NYNEX Information Resource Company
	Talpa Joe	NYNEX Information Resource Company
	Walling Walter F	NYNEX Information Resource Company
	Wittman Anne	NYNEX Information Resource Company
	Woods Charles	NYNEX Information Resource Company
	Ziegler B	NYNEX Information Resource Company
1983	Jorquera Flora	New York Telephone
	Balazs Jorge	New York Telephone
	Belardo A	New York Telephone
	Bracken Michael	New York Telephone
	Brown Robert H Jr	New York Telephone
	Chauncey Edwin	New York Telephone
	Corkhill Olga	New York Telephone
	Cunanan Ernesto	New York Telephone
	De Freitas Frank J	New York Telephone
	Jehle Geo R	New York Telephone
	Kingsbury E Mar	New York Telephone
	Koutsos Paul	New York Telephone
	Murray J P Mrs	New York Telephone
	Norman Dara	New York Telephone
	Pinto Grace Mrs	New York Telephone
	Ramirez G	New York Telephone
	Santiago Richard	New York Telephone
	Serra Francisco M	New York Telephone
	Serra Jorge	New York Telephone
	Serra Luis	New York Telephone
	Sorrell M	New York Telephone
	Spettmann Joseph	New York Telephone
	Spivack L	New York Telephone
	Talpa Joe	New York Telephone
	Taylor J A	New York Telephone

FINDINGS

Year	Uses	Source
1983	Terzian Vasken	New York Telephone
	Thomsen T K	New York Telephone
	Williamson M	New York Telephone
	Dziewanowski Jas	New York Telephone
1976	Aquino Carlito	New York Telephone
	Balazs Jorge	New York Telephone
	Belardo A	New York Telephone
	Chauncey Edwin	New York Telephone
	Clifford Agnes Mrs	New York Telephone
	Corkhill Edw J	New York Telephone
	De Freitas Frank J	New York Telephone
	Dimasin S A	New York Telephone
	Fazzi G L	New York Telephone
	Ferro Jose A	New York Telephone
	Forrester Deborah	New York Telephone
	Hice J	New York Telephone
	Hyland Mae E	New York Telephone
	Kull Paul Mrs	New York Telephone
	Mancini Mario	New York Telephone
1970	Corkhill Edw J	New York Telephone
	DeFreitas Frank J	New York Telephone
	Fischetti Jos	New York Telephone
	Glaser Carole L	New York Telephone
	Haner Caroline	New York Telephone
	Hyland Mae E	New York Telephone
	Jehle Geo R	New York Telephone
	Kennedy Margaret	New York Telephone
	Keough Wm	New York Telephone
	Kull Paul Mrs	New York Telephone
	Lomnicki John	New York Telephone
	McLellan Jas A	New York Telephone
	Murray J P Mrs	New York Telephone
	Robinson Selma Mrs	New York Telephone
	Rowan Jeanette Mrs	New York Telephone
	Shaw Mary Mrs	New York Telephone
	Smyth Marie	New York Telephone
	Styles Geraldine	New York Telephone
	Belardo A	New York Telephone

FINDINGS

Year	Uses	Source
1970	Benson Ben	New York Telephone
	Chauncey Edwin	New York Telephone
	Clifford Agnes Mrs	New York Telephone
	Jerome Frank H	New York Telephone
	Jerome Gary	New York Telephone
1967	Belardo A	New York Telephone
	Benson Ben	New York Telephone
	Burch John P Jr	New York Telephone
	Caezza Vincent M	New York Telephone
	Chauncey Lvynn E	New York Telephone
	Corkhill Edw J	New York Telephone
	Covell M P	New York Telephone
	Fischetti Jos	New York Telephone
	Haner Caroline	New York Telephone
	Hyland Mae E	New York Telephone
	Jehle Geo R	New York Telephone
	Kennedy Patk F	New York Telephone
	Keough Wm	New York Telephone
	Kull Paul Mrs	New York Telephone
	Lomnicki John	New York Telephone
	McLellan Jas A	New York Telephone
	Murray J P Mrs	New York Telephone
	Robinson Selma Mrs	New York Telephone
	Rowan Jeanette Mrs	New York Telephone
	Shaw Mary Mrs	New York Telephone
	Smyth Marie	New York Telephone
	Streuber Antonie	New York Telephone
	Vine Agnes Mrs	New York Telephone
1962	Apel Gustav F	New York Telephone Directory
	Belardo A	New York Telephone Directory
	Benson Ben	New York Telephone Directory
	Caezza Vincent N	New York Telephone Directory
	Connolly Thos	New York Telephone Directory
	Corkhil Edw J	New York Telephone Directory
	Covell Mary P Mrs	New York Telephone Directory
	Cullen Mae Agnes	New York Telephone Directory
	Fischetti Jos	New York Telephone Directory
	Haner Caroline	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Hyland Mae E	New York Telephone Directory
	Jehle Geo R	New York Telephone Directory
	Kennedy Patk F	New York Telephone Directory
	Keough Wm	New York Telephone Directory
	McLellan Jas A	New York Telephone Directory
	Mulligan Gordon	New York Telephone Directory
	Murray J P Mrs	New York Telephone Directory
	Robinson Selma Mrs	New York Telephone Directory
	Rowan Jeanette Mrs	New York Telephone Directory
	Shaw Mary Mrs	New York Telephone Directory
	Smyth Marie	New York Telephone Directory
	Streuber Antonie	New York Telephone Directory
	Vine Agens Mrs	New York Telephone Directory
1945	Astey Helen M	New York Telephone
	Charles Christina E Mrs	New York Telephone
	McCarthy T Mrs	New York Telephone
	Moloney Mary Mrs	New York Telephone
	Rowan Jeanette Mrs	New York Telephone
	Wm	New York Telephone
	Wilson Danl Mrs	New York Telephone
1939	Behrens Ernest	New York Telephone Company
	Charles Pauline B	New York Telephone Company
	Mc Carthy Margaret V	New York Telephone Company
	Moloney Mary Mrs	New York Telephone Company
	Tancredi J M Miss	New York Telephone Company
1934	Alvaranga Anthony clk	R. L. Polk & Co.
	Alvaranga Ella Wid Aubrey	R. L. Polk & Co.
	Alvaranga Oswald clk	R. L. Polk & Co.
	Campeau Beth singer	R. L. Polk & Co.
	Casanova Teobaldo Carmen asst eng Pres Bror Q	R. L. Polk & Co.
	Corcoran Wm J real est agt	R. L. Polk & Co.
	Freidman Jesse D Rhoda phys	R. L. Polk & Co.
	Friedman Jesse D Rhoda phys	R. L. Polk & Co.
	Hand John jr Anna sctor	R. L. Polk & Co.
	Henley Cath candy pkr	R. L. Polk & Co.
	Hopwood Geo Cath stonectr	R. L. Polk & Co.
	Hyland Leslie May sheet metalwkr	R. L. Polk & Co.
	Jakobiak Francs J Dora traffic mgr	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Mc Carthy Thos Cath	R. L. Polk & Co.
	Minott Paul Ellen clk	R. L. Polk & Co.
	Murray John E Agnes collr Mhn	R. L. Polk & Co.
	Nine Wm Emily bldg supt	R. L. Polk & Co.
	Oliver Mary A walter	R. L. Polk & Co.
	Rowan Jeanette Mrs	R. L. Polk & Co.
	Scott Alice	R. L. Polk & Co.
	Scott Vera	R. L. Polk & Co.
	Shea Patk Alice tinsmith	R. L. Polk & Co.
	Smith Alice wid Timothy	R. L. Polk & Co.
	Smith Constance A G tchr	R. L. Polk & Co.
	Sokol DAvid Ida Sokol Pharmacy	R. L. Polk & Co.
	Thornton Chas Sybil clk	R. L. Polk & Co.
	Waldron Jas Margt	R. L. Polk & Co.
	Waldron Thos inspr	R. L. Polk & Co.
	Waldron Wm	R. L. Polk & Co.
	Waldron Wm jr carp	R. L. Polk & Co.

1115 46TH AVE

Year	Uses	Source
2008	SHINE ELECTRONICS INC	Cole Information Services

1124 46TH AVE

Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 2 H h Asitimbay Luis	Hill-Donnelly Information Services
	Numbr BSMT h Banu Claudiu v	Hill-Donnelly Information Services
	Bautista Blanca Lydia v	Hill-Donnelly Information Services
	Bromberg r	Hill-Donnelly Information Services
	Numbr 4 Ch Callanta Aurora AT	Hill-Donnelly Information Services
	Numbr 2 F Cemente Beatrice	Hill-Donnelly Information Services
	Numbr 4 F 1 Ellis R	Hill-Donnelly Information Services
	Numbr 4 E h Gallagher Bessie	Hill-Donnelly Information Services
	Gheorghlta Sandica	Hill-Donnelly Information Services
	Guallpa Segundo	Hill-Donnelly Information Services
	Numbr 11 h Herrera Cedlia	Hill-Donnelly Information Services
	Numbr 3 J Hosie Raymond	Hill-Donnelly Information Services
	Numbr 38 Kim John	Hill-Donnelly Information Services
	Numbr 4D h Levy Murray	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Numbr 2 G h MNizquiri Ramon	Hill-Donnelly Information Services
	Numbr 4 J Morales Hermllo v	Hill-Donnelly Information Services
	Pastuzaca Juana	Hill-Donnelly Information Services
	Numbr 20 Perez George	Hill-Donnelly Information Services
	Numbr 33 Sollenberger Michael A v7	Hill-Donnelly Information Services
	Numbr 2 E Tellez A Ida M	Hill-Donnelly Information Services
	Zhumi Wilson	Hill-Donnelly Information Services
2000	Apartments Jose Asitimbay	Cole Information Services
	Luis Asitimbay	Cole Information Services
	Blanca L Bautist	Cole Information Services
	Vanessa Bekk	Cole Information Services
	Aurora Callant	Cole Information Services
1991	Almodovar M	NYNEX Information Resource Company
	Castro Sivo	NYNEX Information Resource Company
	Diaz Iris	NYNEX Information Resource Company
	Diaz T	NYNEX Information Resource Company
	Dubovetz Adolph	NYNEX Information Resource Company
	Ellis R	NYNEX Information Resource Company
	Epure Gheorghe	NYNEX Information Resource Company
	Gallagher Bessie	NYNEX Information Resource Company
	Herrera M	NYNEX Information Resource Company
	Hosie Raymond	NYNEX Information Resource Company
	Kamen David M	NYNEX Information Resource Company
	Kenny Thos	NYNEX Information Resource Company
	Lee D	NYNEX Information Resource Company
	Levy Murray	NYNEX Information Resource Company
	Perez George	NYNEX Information Resource Company
	Perez George	NYNEX Information Resource Company
	Roman Washington	NYNEX Information Resource Company
	Taub Howard	NYNEX Information Resource Company
	Cacahimbo Graciela	NYNEX Information Resource Company
	Coello Patricia	NYNEX Information Resource Company
	Rossby Richard	NYNEX Information Resource Company
1983	Schmidt B J	New York Telephone
	Small Jas	New York Telephone
	Torres Willy	New York Telephone
	Walstein Van Allen	New York Telephone
	Cacahimbo Graciela	New York Telephone

FINDINGS

Year	Uses	Source
1983	Castro Leonardo	New York Telephone
	Castro Silvio	New York Telephone
	Constantine K	New York Telephone
	Dubovetz Norman	New York Telephone
	Gallagher Bessie	New York Telephone
	Herrera B	New York Telephone
	Hosie Raymond	New York Telephone
	Kenny Thos	New York Telephone
	Levy Murray	New York Telephone
	Logan P V	New York Telephone
	Mendez Tom	New York Telephone
	Perez George	New York Telephone
	Rojas Angel	New York Telephone
	Rosario Fernando	New York Telephone
	Scharff Carrie Mrs	New York Telephone
1976	Ellis J	New York Telephone
	Gallagher Bessle	New York Telephone
	Geagan John	New York Telephone
	Herrera Blanca	New York Telephone
	Kenny John H	New York Telephone
	Kenny Thos	New York Telephone
	Levine Robert	New York Telephone
	Levy Murray	New York Telephone
	Camareno Agustine	New York Telephone
	Cugliandro Ernesto	New York Telephone
	Dubovetz Norman	New York Telephone
1970	Kenny Thos	New York Telephone
	Levy Murray	New York Telephone
	Lozada Luis	New York Telephone
	Palacios Enrique	New York Telephone
	Pedi G C	New York Telephone
	Pelletier P J	New York Telephone
	Platte Jerry	New York Telephone
	Rojas Saturnino	New York Telephone
	Scharff Carrie Mrs	New York Telephone
	Sheppard Wm C Jr	New York Telephone
	Small Jas	New York Telephone
	Wellstood Jas C	New York Telephone

FINDINGS

Year	Uses	Source
1970	Wilson Max	New York Telephone
	Bisignani Molly R	New York Telephone
	Cerra C	New York Telephone
	Cugliandro Ernesto	New York Telephone
	Ellis J	New York Telephone
	Gallagher Bessie	New York Telephone
	Gambale Joseph	New York Telephone
	Geagan John	New York Telephone
	Harris C	New York Telephone
	Hosie Raymond	New York Telephone
	Kenny John H	New York Telephone
1967	Asaro Anthony Mrs	New York Telephone
	Baldi Frank	New York Telephone
	Bisignani Molly R	New York Telephone
	Bissainthe Serge	New York Telephone
	Cugliandro Ernesto	New York Telephone
	Ellis Robt Mrs	New York Telephone
	Finn Alexndr J	New York Telephone
	Gallagher Bessie	New York Telephone
	Geagan John	New York Telephone
	Goldner H	New York Telephone
	Hosie Raymond	New York Telephone
	Kenny John H	New York Telephone
	Kenny Thos	New York Telephone
	Kohler John M	New York Telephone
	Levy Murray	New York Telephone
	Pastuszek Andrew I	New York Telephone
	Pelletier P J	New York Telephone
	Ruffino Anthony	New York Telephone
	Scharff Carrie Mrs	New York Telephone
	Schiedat Ernest S	New York Telephone
	Sheppard Wm C Jr	New York Telephone
	Small Jas	New York Telephone
	Stepanek Eva Aglaja	New York Telephone
	Stepanek Francis L	New York Telephone
	Waryold Frank P	New York Telephone
	Wellstood Jas C	New York Telephone
	Wilson Max	New York Telephone

FINDINGS

Year	Uses	Source
1962	Scharff Carrie Mrs	New York Telephone Directory
	Sharkey Jas	New York Telephone Directory
	Sheppard Eddie	New York Telephone Directory
	Sheppard Wm C Jr	New York Telephone Directory
	Small Jas	New York Telephone Directory
	Stepanek Eva Aglaja	New York Telephone Directory
	Stepanek Francis L	New York Telephone Directory
	Visser Adrianus	New York Telephone Directory
	Waryold Frank P	New York Telephone Directory
	Wilson Max	New York Telephone Directory
	Ambrosini Frank G	New York Telephone Directory
	Baldi Frank	New York Telephone Directory
	Bisignani Molly R	New York Telephone Directory
	Cohletti Geo	New York Telephone Directory
	DiSerio John	New York Telephone Directory
	Ferrini Julius	New York Telephone Directory
	Galassi Chas P	New York Telephone Directory
	Gallagher Bessie	New York Telephone Directory
	Geagan John	New York Telephone Directory
	Goldner Alex	New York Telephone Directory
	Hosie Raymond	New York Telephone Directory
	Kenny John H	New York Telephone Directory
	Kenny Thos	New York Telephone Directory
	McInerney Wm Jr	New York Telephone Directory
	Morgan Margaret M	New York Telephone Directory
	Newport Catherine Mrs	New York Telephone Directory
	Pedi Gertrude X	New York Telephone Directory
	Pelletier P J	New York Telephone Directory
	Platte Jerry	New York Telephone Directory
	Poletski Frank	New York Telephone Directory
1945	Acme Exterminating Co	New York Telephone
	Burnor Harry A	New York Telephone
	Ferrini Julius	New York Telephone
	Fioretti Carrie	New York Telephone
	Branch	New York Telephone
	Geagan John	New York Telephone
	Goldner Alex	New York Telephone
	McDonough Sarah C RN	New York Telephone

FINDINGS

Year	Uses	Source
1945	Nestler Geo linolm	New York Telephone
	Piekema Susan	New York Telephone
	Sanders Max	New York Telephone
	Scharff Carrie Mrs	New York Telephone
	Stack Bertha Mrs	New York Telephone
	Branch	New York Telephone
	LIC office	New York Telephone
1939	Geagan John	New York Telephone Company
	Goldner Alex	New York Telephone Company
	Heidrich Carl	New York Telephone Company
	Stack Bertha Mrs	New York Telephone Company
	Curran John	New York Telephone Company
1934	Benedikt Simon Mary E carn	R. L. Polk & Co.
	Borngesser Balthasar Cath	R. L. Polk & Co.
	Braschi Resta Dora indrywkr	R. L. Polk & Co.
	Brosi Frank Marie garage	R. L. Polk & Co.
	Burnes Dolores tel opr	R. L. Polk & Co.
	Burnes Edw Margt hlpr	R. L. Polk & Co.
	Counumber Romeo mech	R. L. Polk & Co.
	Donovan Cath	R. L. Polk & Co.
	Ferino Martin Ethlel traffic mgr	R. L. Polk & Co.
	Geoghan John chauf	R. L. Polk & Co.
	Losquardo Frances wid Jos	R. L. Polk & Co.
	Losquardo Jos clk	R. L. Polk & Co.
	Losquardo Margt slswn Mhn	R. L. Polk & Co.
	Losquardo Mary dress opr	R. L. Polk & Co.
	Lynskey Agnes wid Thos	R. L. Polk & Co.
	Mc Keough Jos Agnes chauf	R. L. Polk & Co.
	Olsen Marie tchr Queens Conta Sch	R. L. Polk & Co.
	Rannie Joy Mrs	R. L. Polk & Co.
	Rock Jas Rose pntr	R. L. Polk & Co.
	Shooter Cicely clk	R. L. Polk & Co.
	Shooter Geo Anna bldg supt	R. L. Polk & Co.
	Smillie Wm Esther rec clk	R. L. Polk & Co.
	Stack Thos Bertha chauf	R. L. Polk & Co.
	Ward Edw Helen clk	R. L. Polk & Co.
	Wiant Henry M heating	R. L. Polk & Co.
	Windhorst Anna nurse	R. L. Polk & Co.

Year	Uses	Source
1934	Goldner Arth Mge sta eng	R. L. Polk & Co.
	Goldner Geo typist	R. L. Polk & Co.
	Kiefer Cath Mrs nurse	R. L. Polk & Co.
	Kotronis Benj Sarah restr Mhn	R. L. Polk & Co.
	Leone Philip Mary ice dlr	R. L. Polk & Co.
	Levy Miriam	R. L. Polk & Co.
	Losquardo Chas ice	R. L. Polk & Co.
	Barchak	R. L. Polk & Co.
	Losquardo Jennie drs opr	R. L. Polk & Co.

1125 46TH AVE

Year	Uses	Source
1934	Lisanti Thos J Theresa firemn Dept WSG & E	R. L. Polk & Co.

1133 46TH AVE

Year	Uses	Source
1976	Receiving Dept	New York Telephone
1970	Receiving Dept	New York Telephone
1967	Receiving Dept	New York Telephone

1140 46TH AVE

Year	Uses	Source
2000	21ST ST INTS FROM	Cole Information Services
1934	Frisbie Edw W Irene pres Bowron Transfer Co Inc	R. L. Polk & Co.

1149 46TH AVE

Year	Uses	Source
1983	Queensboro Drawing Board Inc	New York Telephone

1220 46TH AVE

Year	Uses	Source
1939	Winkworth K M	New York Telephone Company

1314 46TH AVE

Year	Uses	Source
1991	Callas Peter	NYNEX Information Resource Company

1324 46TH AVE

Year	Uses	Source
1991	Tejada Idalia	NYNEX Information Resource Company

FINDINGS

1424 46TH AVE

Year	Uses	Source
1967	Platte Jerry	New York Telephone

1716 46TH AVE

Year	Uses	Source
2005	Marra J	Hill-Donnelly Information Services

1882 46TH AVE

Year	Uses	Source
1991	Troy J Auto	NYNEX Information Resource Company

20-04 46TH AVE

Year	Uses	Source
1950	BLASS EDW	New York Telephone

20-06 46TH AVE

Year	Uses	Source
1950	HANKE HERMAN	New York Telephone

20-08 46TH AVE

Year	Uses	Source
1950	PARODY AUBREY J JR	New York Telephone

20-10 46TH AVE

Year	Uses	Source
1950	GOLIASH JOS A	New York Telephone

20-12 46TH AVE

Year	Uses	Source
1950	ROSEBERRY ROBT C LT	New York Telephone

20-14 46TH AVE

Year	Uses	Source
1950	DUNTON JOHN T	New York Telephone

20-18 46TH AVE

Year	Uses	Source
1950	POVERELLI SAM	New York Telephone

20-20 46TH AVE

Year	Uses	Source
1950	OLM GEO	New York Telephone

FINDINGS

20-22 46TH AVE

Year	Uses	Source
1950	REVMAN J	New York Telephone

20-24 46TH AVE

Year	Uses	Source
1950	SMITH HARRY J	New York Telephone

20-25 46TH AVE

Year	Uses	Source
1950	JACOBSEN FRANK	New York Telephone

20-26 46TH AVE

Year	Uses	Source
1950	MULCAHY DAVID	New York Telephone

20-27 46TH AVE

Year	Uses	Source
1950	RUH CHAS F	New York Telephone

20-33 46TH AVE

Year	Uses	Source
1950	DI CICCO DOMINICK	New York Telephone

20-35 46TH AVE

Year	Uses	Source
1950	ROCHA ANTONIO	New York Telephone

20-37 46TH AVE

Year	Uses	Source
1950	WOLD JOHN F	New York Telephone

20-41 46TH AVE

Year	Uses	Source
1950	GOLINI UMBERTO	New York Telephone
	DADDARIO JOHN	New York Telephone

20-43 46TH AVE

Year	Uses	Source
1950	PARRIS GEO	New York Telephone

FINDINGS

20-45 46TH AVE

Year	Uses	Source
1950	CAVALLO BURTON J	New York Telephone

20-47 46TH AVE

Year	Uses	Source
1950	MANCHISI PETER M	New York Telephone

20-48 46TH AVE

Year	Uses	Source
1950	SMITH BERNARD MRS	New York Telephone

20-49 46TH AVE

Year	Uses	Source
1950	LA ROSA CHAS	New York Telephone

20-51 46TH AVE

Year	Uses	Source
1950	URICCHIO ANTHONY	New York Telephone

20-52 46TH AVE

Year	Uses	Source
1950	ZAVOLL GINO	New York Telephone
	GOLDER CLARENCE S	New York Telephone

20-53 46TH AVE

Year	Uses	Source
1950	HOLDEN LEON	New York Telephone

20-54 46TH AVE

Year	Uses	Source
1950	STEMPEL ROBT L	New York Telephone
	WALSH ANN M	New York Telephone

20-55 46TH AVE

Year	Uses	Source
1950	H	New York Telephone

20-56 46TH AVE

Year	Uses	Source
1950	BARBERE BENJ	New York Telephone

FINDINGS

20-57 46TH AVE

Year	Uses	Source
1950	OKEEFE EDW A	New York Telephone

2038 46TH AVE

Year	Uses	Source
1991	Zammit Joseph	NYNEX Information Resource Company

2040 46TH AVE

Year	Uses	Source
1945	Hefgold Realty Corpn off	New York Telephone

46TH RD

1029 46TH RD

Year	Uses	Source
2013	AVA PERFORMANCE	Cole Information Services
2008	A V A PERFORMANCE INC	Cole Information Services

1030 46TH RD

Year	Uses	Source
2008	HENDRY ASSOCIATES	Cole Information Services
2005	H Hendry Diane	Hill-Donnelly Information Services
2000	Diane Hendry	Cole Information Services
1983	Oddo T F	New York Telephone
	Vendetti Eleanor I	New York Telephone
1970	Vendetti Eleanor I	New York Telephone
1967	Vendetti Anthony R	New York Telephone
	Vendetti Eleanor I	New York Telephone
1962	Vendetti Anthony R	New York Telephone Directory
	Vendetti Eleanor I	New York Telephone Directory
1934	Grosso Jos Phoebe capt	R. L. Polk & Co.
	Vallone Rocco Margt auto pntr	R. L. Polk & Co.
	Vendetto Angelina pkr	R. L. Polk & Co.
	Vendetto Eleanor fcty wkr	R. L. Polk & Co.
	Vendetto Michl Josephine porter	R. L. Polk & Co.
	Vendetto Michl jr mixer	R. L. Polk & Co.
	Vendetto Nicholas msngr	R. L. Polk & Co.

FINDINGS

1031 46TH RD

Year	Uses	Source
1967	House of Food Gifts Inc	New York Telephone
1962	House of Food Gifts Inc	New York Telephone Directory
1934	Mason Edw lab	R. L. Polk & Co.

1032 46TH RD

Year	Uses	Source
1945	Bowron Transfer Co	New York Telephone

1034 46TH RD

Year	Uses	Source
1962	Consolidatd Oil & Supl Co	New York Telephone Directory
1934	Consolidated Oil & Supply co RTN Saml Berkowits lubricating oils	R. L. Polk & Co.

1035 46TH RD

Year	Uses	Source
1945	Gray Selma	New York Telephone
	Kempf Chas H	New York Telephone
	Grau Lillian E	New York Telephone
1939	Grau Lillie E	New York Telephone Company
	Gray Selma	New York Telephone Company
1934	Mulligan Jas Lillian janitor	R. L. Polk & Co.
	Grau Selma tel opr	R. L. Polk & Co.
	Grau Emil	R. L. Polk & Co.
	Mc Entyre Peter clk dept taxes	R. L. Polk & Co.

1037 46TH RD

Year	Uses	Source
2013	EMPIRE CITY IRON WKS	Cole Information Services
2008	EMPIRE CITY IRON WORKS	Cole Information Services
	BUILDING SPECIALTIES CORP	Cole Information Services
2005	Heff Ser OS A	Hill-Donnelly Information Services
	Empire Iron City Works	Hill-Donnelly Information Services
2000	Empire Cty Irn Wks	Cole Information Services
	Heffner Ri Est	Cole Information Services
1991	Heffner S O rl est	NYNEX Information Resource Company
	Hefgold Realty Co ofc	NYNEX Information Resource Company
1983	Hefgold Realty Co ofc	New York Telephone
	Heffner S O rlest	New York Telephone

FINDINGS

Year	Uses	Source
1976	Heffgold Realty Co ofc	New York Telephone
	Heffner S O rl est	New York Telephone
	Empire City Iron Wks	New York Telephone
1970	Empire City Iron Wks	New York Telephone
	Heffner S O rl est	New York Telephone
	Hefgold Realty Co off	New York Telephone
1967	Hefgold Realty Co ofc	New York Telephone
	Heffner S O rl est	New York Telephone
	Empire City Iron Wks	New York Telephone
1962	Hefgold Realty Corp ofc	New York Telephone Directory
	Heffner S O rl est	New York Telephone Directory
	Empire City Iron Wks	New York Telephone Directory
1945	Smith Jos	New York Telephone
1939	Smith Jos	New York Telephone Company
1934	Lang Helen wid Wm	R. L. Polk & Co.

1038 46TH RD

Year	Uses	Source
2013	24 TOWING & FLAT FIX 7 DAYS	Cole Information Services
	UNESCO NATIONAL SERVICES LLC	Cole Information Services
2005	City Media Concepts Inc	Hill-Donnelly Information Services
	National Environmental Safety	Hill-Donnelly Information Services
	Recepta Sign	Hill-Donnelly Information Services
	Zucker Water Svc Corp 1 o	Hill-Donnelly Information Services
2000	DJM Contrng Inc	Cole Information Services
	Ctywd Environ Svcs	Cole Information Services
1991	Zucker Water Service Corp	NYNEX Information Resource Company
1983	Zucker Water Service Corp	New York Telephone
1970	ZUCKER WATER SVCE CORP	New York Telephone
1967	Zucker Water Svce Corp	New York Telephone

1039 46TH RD

Year	Uses	Source
1945	Streilein Gertrude	New York Telephone
1934	Streilein Mary forwn	R. L. Polk & Co.
	Zimmer Walter R crane opr	R. L. Polk & Co.
	Streilein Geo Kath lab	R. L. Polk & Co.
	Coln Emidio Fannie lab	R. L. Polk & Co.
	Streilein Elsie wrapper	R. L. Polk & Co.

FINDINGS

1040 46TH RD

Year	Uses	Source
1967	Towell Mary E Mrs	New York Telephone
1934	Mc Groary Connell Lillan porter	R. L. Polk & Co.
	King Chas Anna slsmn	R. L. Polk & Co.

1041 46TH RD

Year	Uses	Source
1945	Amato Frank	New York Telephone
1934	Killian Frank mech	R. L. Polk & Co.
	Curre Allan A police	R. L. Polk & Co.
	Capozzi Jos A Mildred phys	R. L. Polk & Co.
	Bedford Harold Alice ship clk	R. L. Polk & Co.
	Bedford Gecil prsmn	R. L. Polk & Co.
	Acampora Angelo A Phys	R. L. Polk & Co.

1042 46TH RD

Year	Uses	Source
1967	Jerome T	New York Telephone
1962	Jerome T	New York Telephone Directory
1934	Jerome Anthony Theresa lab	R. L. Polk & Co.
	Tucciarone John Elizabeth slsmn	R. L. Polk & Co.
	Maurd Esther clk	R. L. Polk & Co.

1043 46TH RD

Year	Uses	Source
1945	Foley Harold	New York Telephone
1939	Spera Rocco	New York Telephone Company
1934	Fiazio Alf Sarah gro	R. L. Polk & Co.
	Spero Rocco Nellie carp	R. L. Polk & Co.
	Morano Frank Florence tailor	R. L. Polk & Co.

1044 46TH RD

Year	Uses	Source
2005	HShah M U o	Hill-Donnelly Information Services
	Rohrer Meilin	Hill-Donnelly Information Services
2000	Abubaker Ahmed	Cole Information Services
	Neil Deodhar	Cole Information Services
	Prema Deodhar	Cole Information Services
	Randall Haworth	Cole Information Services
	Suresh Panjabi	Cole Information Services

FINDINGS

Year	Uses	Source
2000	P Yog	Cole Information Services
1991	Galassi Chas P	NYNEX Information Resource Company
1983	Duffy Jas	New York Telephone
	Galassi Chas P	New York Telephone
1976	Duffy Jas	New York Telephone
	Galassi Chas P	New York Telephone
1970	Duffy Jas	New York Telephone
	Galassi Chas P	New York Telephone
1967	Galassi Chas P	New York Telephone
	Duffy Jas	New York Telephone
1962	Soriano Vincent A	New York Telephone Directory
1945	Soriano R	New York Telephone
1939	Soriano R	New York Telephone Company
1934	Soriano Carmelia wid Jas	R. L. Polk & Co.
	Soriano Frank lab	R. L. Polk & Co.
	Soriano Rocco Jennie refr eng	R. L. Polk & Co.

1045 46TH RD

Year	Uses	Source
1939	Foley Harold	New York Telephone Company
1934	Foley Horold J Eleanor acct Comnr of Accts	R. L. Polk & Co.
	Kirsch Louise	R. L. Polk & Co.

1046 46TH RD

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
1945	Howley A A	New York Telephone
1939	Howley A A	New York Telephone Company
1934	Howley Anne A fctywkr	R. L. Polk & Co.
	Howley Mary fctywkr	R. L. Polk & Co.
	Howley Susan wid Martin	R. L. Polk & Co.
	Howley Thos hlpr	R. L. Polk & Co.

1047 46TH RD

Year	Uses	Source
1934	Buchanan Francis J student	R. L. Polk & Co.
	Buchanan Lotta	R. L. Polk & Co.
	Buchanan Walter J clk dept taxes	R. L. Polk & Co.
	Buchanan Wm H	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Buchanan Emma	R. L. Polk & Co.

1048 46TH RD

Year	Uses	Source
2008	HAMILTON DESIGN SERVICES	Cole Information Services
2005	h Hamilton Thomas	Hill-Donnelly Information Services
2000	Thomas Hamilton	Cole Information Services
1991	Farrell T	NYNEX Information Resource Company
1970	Towers Jas F	New York Telephone
1967	Towers Jas F	New York Telephone
1962	Delaney Sarah	New York Telephone Directory
1939	Delaney Sarah	New York Telephone Company
1934	Evans Jas news dlr	R. L. Polk & Co.
	Crawford John handymn Mhn	R. L. Polk & Co.
	Mc Guril Mary Mrs	R. L. Polk & Co.
	Mc Gurl Jas Cath clk	R. L. Polk & Co.
	Flanagan John	R. L. Polk & Co.

1049 46TH RD

Year	Uses	Source
1945	Luisi J	New York Telephone
1939	Luisi J	New York Telephone Company
1934	Luisi John Mary lab	R. L. Polk & Co.
	Dwyer Timothy Margt mtrmn	R. L. Polk & Co.
	Caruso Michl Mary electn	R. L. Polk & Co.

1050 46TH RD

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	James M Morris	Cole Information Services
1983	Pepe Frank	New York Telephone
1970	Pepe Frank	New York Telephone
1967	Pepe Frank	New York Telephone
1962	Pepe Frank	New York Telephone Directory
1945	Pepe Frank	New York Telephone
1939	Pepe Frank	New York Telephone Company
1934	Pepe Angelo clk Mhn	R. L. Polk & Co.
	Pepe Frank Carmela formn	R. L. Polk & Co.

FINDINGS

1051 46TH RD

Year	Uses	Source
1945	Mason Mary	New York Telephone
1939	Mason Mary	New York Telephone Company
1934	Mason Howard electn	R. L. Polk & Co.
	Mason Helen clk	R. L. Polk & Co.
	Mason Francis lab	R. L. Polk & Co.
	Mason Michl F Mary formn	R. L. Polk & Co.

1052 46TH RD

Year	Uses	Source
2005	Major Model Management	Hill-Donnelly Information Services
2000	Pallitto	Cole Information Services
1991	Katz R	NYNEX Information Resource Company
1983	Stevens A	New York Telephone
	Katz R	New York Telephone
1934	Norton Keth Mrs	R. L. Polk & Co.
	Martinez Frank Mary chauf	R. L. Polk & Co.

1054 46TH RD

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	11TH ST INTS FROM	Cole Information Services
1962	Luparallo Santo	New York Telephone Directory
	Caruso Michl A	New York Telephone Directory
1945	Agoglia Felice	New York Telephone
1939	Agoglia Felice	New York Telephone Company
1934	Agoglia Philip Mary inspr	R. L. Polk & Co.
	Agoglia Rose mach opr	R. L. Polk & Co.
	Lotito Pasquale Fannie chauf	R. L. Polk & Co.

1056 46TH RD

Year	Uses	Source
1991	Rentokil Inc	NYNEX Information Resource Company
1934	Ellue Vincent Kath chauf	R. L. Polk & Co.
	Nardella Phillip Louise lab	R. L. Polk & Co.

1084 46TH RD

Year	Uses	Source
1934	Delaney Sarah hsekpr	R. L. Polk & Co.
	De Laney Sarah hsekpr	R. L. Polk & Co.

FINDINGS

1103 46TH RD

Year	*Uses*	*Source*
2005	Krohn David	Hill-Donnelly Information Services
1991	Advanced Telephonics Inc	NYNEX Information Resource Company
	LI Pencil Co	NYNEX Information Resource Company
	Vendcom Inc	NYNEX Information Resource Company
1983	A Plus Answering Svce	New York Telephone
	A Plus Answering Svce	New York Telephone
	Artistic Royalties Inc	New York Telephone
	Astoria Ans Svc	New York Telephone
	Astoria Answering Svce	New York Telephone
	Blomberg Martin b	New York Telephone
	Cleveland Air Forwarding Inc	New York Telephone
	Colonial Carting Corp	New York Telephone
	Compo Industries Inc	New York Telephone
	Consumer Home Improvements Co	New York Telephone
	G & K Svce Co	New York Telephone
	Terrys Delivry Svc	New York Telephone
	A 1 Asphalt Corp	New York Telephone
	Internatl Shoe Mach Corp	New York Telephone
	International Shoppes JFK Intratnl Airpt @Jamaica@	New York Telephone
	Internatl Shoppes Inc J F K Introat Airpt ABBREV Idlwld	New York Telephone
	International Shoppes Inc JFK Intrntnl Airpt @Jamaica@	New York Telephone
	LI City Answrng Svce	New York Telephone
	Loma Duplicating Supl Co	New York Telephone
	LI City Answrng Svce	New York Telephone
	LI Pencil Co	New York Telephone
	Playmates Orchestras	New York Telephone
	S & E Waste Oil Inc	New York Telephone
	Satellite Air Freight Inc	New York Telephone
	Tri County Maintenance	New York Telephone
	Universal Maintenance Svce	New York Telephone
	Varus Constr Corp	New York Telephone
1976	A Plus Answering Svce	New York Telephone
	Air Conditioning Erection Corp	New York Telephone
	Astoria Answering Svce	New York Telephone
	Bunas A R b	New York Telephone

FINDINGS

Year	Uses	Source
1976	Colonial Carting Corp	New York Telephone
	Compo Industries Inc	New York Telephone
	Cosmopolitan Detective Bur	New York Telephone
	Court Maintenance	New York Telephone
	Crandall Can Filler Mach Co	New York Telephone
	Dempsey Equip Co Inc	New York Telephone
	Inter County Svce Inc	New York Telephone
	J & S Hydraulics Inc	New York Telephone
	JOHN KS REFRIGERATION SVCE	New York Telephone
	LI City Answrng Svce	New York Telephone
	LI City Answrng Svce	New York Telephone
	LI Pencil Co	New York Telephone
1970	Ace Tel Svce	New York Telephone
	Acme Wrecking Corp yd	New York Telephone
	Andover Protective Svces Inc	New York Telephone
	CCTW Corp	New York Telephone
	Compo Industries Inc	New York Telephone
	Inter County Svce Inc	New York Telephone
	INTER OUNTY TITLE GUAR & MORTGAGE CO	New York Telephone
	J & S Hydraulics Inc	New York Telephone
	LI City Answrng Svce	New York Telephone
	Lectroetch Co	New York Telephone
	LI City Answing Svce	New York Telephone
	Queens Telephone Secretary Inc	New York Telephone
	QUEENS TELEPHONE SECRETARY INC	New York Telephone
	Branch Offices	New York Telephone
	Branch Offices	New York Telephone
	Wenger & Petrucci Inc photgr	New York Telephone
1967	LI City Answrng Svce	New York Telephone
	Lectroetch Co	New York Telephone
	LI City Answrng Svce	New York Telephone
	Shop at Home Food Plan	New York Telephone
	Telautogiaph Corp sales & svce	New York Telephone
	Unity Elec Contrctg Co	New York Telephone
	World Wide Extrmintg Corp	New York Telephone
	Cord Photocopy Specialists Inc	New York Telephone
	Ace Tel Svce	New York Telephone
	Adams A M Realty & Ins	New York Telephone

FINDINGS

Year	Uses	Source
1962	Ace Tel Svce	New York Telephone Directory
	Acme Extrmintg Co	New York Telephone Directory
	Fumex Sanitation Inc	New York Telephone Directory
	Branch	New York Telephone Directory
	Harrison Al retl lumbr	New York Telephone Directory
	LI City Answrng Svce	New York Telephone Directory
	Lectroetch Salec & Svce	New York Telephone Directory
	LI City Answrng Svce	New York Telephone Directory
	Marion Cigarette Vending Svce	New York Telephone Directory
	Branch Offices	New York Telephone Directory
	QUEENS TEL SECRETARY	New York Telephone Directory
	QUEENS TEL SECRETARY	New York Telephone Directory
	Branch Offices	New York Telephone Directory
	WorldWide Extrmintg Corp	New York Telephone Directory

1115 46TH RD

Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	h Alisoun Meehan	Hill-Donnelly Information Services
	Begani Dzafer 4 P	Hill-Donnelly Information Services
	h Cantanno Lena	Hill-Donnelly Information Services
	Numbr 4 A h Davis Glen C	Hill-Donnelly Information Services
	Numbr 2 H h Evangelista Amor	Hill-Donnelly Information Services
	Numbr 18 Foret Tanya & Eric	Hill-Donnelly Information Services
	Numbr 3 A Franceus Cynthia	Hill-Donnelly Information Services
	Numbr 2 C Greenberg Elizabeth	Hill-Donnelly Information Services
	Numbr 2 E h Hossain Mohammed Ao	Hill-Donnelly Information Services
	Numbr 2 G Kat Nami	Hill-Donnelly Information Services
	Numbr 4 J Kowles Robert C	Hill-Donnelly Information Services
	Numbr 2 A La Penna Louise Av	Hill-Donnelly Information Services
	Numbr 41 Maloney Marian A	Hill-Donnelly Information Services
	Numbr 3 E Marchik Ekaterina	Hill-Donnelly Information Services
	Numbr 4 G Sagan Stephanie Mrs AV	Hill-Donnelly Information Services
	Numbr 4 F h Sullivan Philip T A 7 718 786 5170 s	Hill-Donnelly Information Services
	Numbr 1 A Tanalsid Adam Av	Hill-Donnelly Information Services
	Tanalsid Joseph C	Hill-Donnelly Information Services
	Teperino Denise A	Hill-Donnelly Information Services
	Numbr 21 Ting Luz R A	Hill-Donnelly Information Services

FINDINGS

Year	*Uses*	*Source*
2005	Numbr 13 Vaccaro Goria	Hill-Donnelly Information Services
	Zabojova D v	Hill-Donnelly Information Services
2000	Apartments Michele Brenen	Cole Information Services
	James Byrne	Cole Information Services
	Lena Cantanno	Cole Information Services
	Luis Carchi	Cole Information Services
	Lisa Coleman	Cole Information Services
	A Glen Davis	Cole Information Services
	Melissa Dempsey	Cole Information Services
	Evangeline Genet	Cole Information Services
	Cort Huckabone	Cole Information Services
1991	Berke Allen	NYNEX Information Resource Company
	Caggiano Lawrence	NYNEX Information Resource Company
	Cantanno Jos	NYNEX Information Resource Company
	Dillon Robert	NYNEX Information Resource Company
	Drew Kim	NYNEX Information Resource Company
	Hankinson Jeffrey B	NYNEX Information Resource Company
	Just Joe	NYNEX Information Resource Company
	La Penna Robt W	NYNEX Information Resource Company
	Mac Namara Art	NYNEX Information Resource Company
	Murphy M	NYNEX Information Resource Company
	Plaut Kimson	NYNEX Information Resource Company
	Reid Joseph	NYNEX Information Resource Company
	Sagan Stephanie Mrs	NYNEX Information Resource Company
	Tanalski Adam	NYNEX Information Resource Company
	Tanalski Jos	NYNEX Information Resource Company
	Ting L	NYNEX Information Resource Company
	Tully Jas M	NYNEX Information Resource Company
	Wangerman B	NYNEX Information Resource Company
	Mc Guggart Eugene	NYNEX Information Resource Company
	Sullivan Philip T	NYNEX Information Resource Company
	Sullivan R R	NYNEX Information Resource Company
1983	Caggiano Lawrence	New York Telephone
	Cantanno Jos	New York Telephone
	Dailey Jas J	New York Telephone
	Denik L A	New York Telephone
	Grullon Miguel A	New York Telephone
	Herrick Kim	New York Telephone

FINDINGS

Year	Uses	Source
1983	Kulak Gary	New York Telephone
	La Penna Robt W	New York Telephone
	Lotito Patsy	New York Telephone
	Mcinerney Wm Jr	New York Telephone
	Petrilla Florence	New York Telephone
	Reid Joseph	New York Telephone
	Sagan Stephanie Mrs	New York Telephone
	Sobanski John H	New York Telephone
	Tanalski Jos	New York Telephone
	Tully Jas M	New York Telephone
	Wangerman John	New York Telephone
1976	Alonso Benigno	New York Telephone
	Caggiano Lawrence	New York Telephone
	Cantanno Jos	New York Telephone
	Conway Richd J	New York Telephone
	Dailey Jas J	New York Telephone
	Daly John	New York Telephone
	Denk L A	New York Telephone
	Hurtado Jesus	New York Telephone
	La Penna Robt W	New York Telephone
1970	McGuggart Eugene	New York Telephone
	Beech E	New York Telephone
	Caggiano Lawrence	New York Telephone
	Cantanno Jos	New York Telephone
	Conway Richd J	New York Telephone
	Dailey Jas J	New York Telephone
	Daly John	New York Telephone
	Denk L A	New York Telephone
	Gallegos Oswaldo	New York Telephone
	Grande Vincent	New York Telephone
	Hajek Wm	New York Telephone
	Jaime Maria L	New York Telephone
	LaPenna Robt W	New York Telephone
	Lotito Patsy	New York Telephone
	McInerney Wm Jr	New York Telephone
	Sagan Stephanie Mrs	New York Telephone
	Sanabria Johna R	New York Telephone
	Schlein Isidore	New York Telephone

FINDINGS

Year	Uses	Source
1970	Sobanski John H	New York Telephone
	Sullivan Philip T	New York Telephone
	Tanalski Jos	New York Telephone
	Tully Jas M	New York Telephone
	Velasco Arselmo	New York Telephone
	Walsh Robt	New York Telephone
	Wangerman John	New York Telephone
	Ward Mary Mrs	New York Telephone
	Weinmann Jos	New York Telephone
	Woodall John E	New York Telephone
1967	Beech Robt	New York Telephone
	Caggiano Lawrence	New York Telephone
	Cantanno Jos	New York Telephone
	Conway Richd J	New York Telephone
	Dailey Jas J	New York Telephone
	Daly John	New York Telephone
	Denk L A	New York Telephone
	Echart Jose R	New York Telephone
	Giakoumis Stylianos	New York Telephone
	Grande Vincent	New York Telephone
	Hajek Wm	New York Telephone
	LaPenna Robt W	New York Telephone
	Lotito Patsy	New York Telephone
	McInerney Win Jr	New York Telephone
	Pantalon Mike	New York Telephone
	Sobanski John H	New York Telephone
	Sullivan Philin T	New York Telephone
	Tanalski Jos	New York Telephone
	Tully Jas M	New York Telephone
	Wald Carl	New York Telephone
	Wangerman John	New York Telephone
	Ward Mary Mrs	New York Telephone
	Weinmann Jos	New York Telephone
	West Eugene V	New York Telephone
	Wittman Wm J	New York Telephone
	Woodall John E	New York Telephone
	McGuggart Eugene	New York Telephone
1962	McGuggart Eugenle	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Beech Robt	New York Telephone Directory
	Burns Edw	New York Telephone Directory
	Cantanno Jos	New York Telephone Directory
	Conway Richd J	New York Telephone Directory
	Dailey Jas J	New York Telephone Directory
	Daly John	New York Telephone Directory
	DiMantova Robt S	New York Telephone Directory
	Funk Roht	New York Telephone Directory
	Hajek Wm	New York Telephone Directory
	Loss Jos J	New York Telephone Directory
	Lotito Patsy	New York Telephone Directory
	Mason M	New York Telephone Directory
	Morrison May Mrs	New York Telephone Directory
	Sobanski John H	New York Telephone Directory
	Sullivan Philip T	New York Telephone Directory
	Tanalski jos	New York Telephone Directory
	Tully Jas M	New York Telephone Directory
	Wald Carl	New York Telephone Directory
	Wangerman John	New York Telephone Directory
	Weinmann Jos	New York Telephone Directory
	West Eugene V	New York Telephone Directory
	Wittman Wm J	New York Telephone Directory
	Woodall John E	New York Telephone Directory
1945	Atkinson Margaret C	New York Telephone
	Frieder Louis	New York Telephone
	Lutz Kathryn Mrs	New York Telephone
	Mona Geraldine R Mrs	New York Telephone
1939	Brosi F	New York Telephone Company
	Frieder Louis	New York Telephone Company
	Matera Connie	New York Telephone Company
	Mona Geraldine R Mrs	New York Telephone Company
	Smyth Jos	New York Telephone Company
1934	Beech Robt Eleanor plstr	R. L. Polk & Co.
	Conklin Asa Agnes ins agt	R. L. Polk & Co.
	Conners John slsmn Mhn	R. L. Polk & Co.
	Connor John J jr	R. L. Polk & Co.
	Curran John Sarah mgr Mhn	R. L. Polk & Co.
	Daly John J Helen clk	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	DAvis Thos W Anna mach	R. L. Polk & Co.
	Ferrini Julius Vincenta blksmith	R. L. Polk & Co.
	Fontana Jos Olga bkpr	R. L. Polk & Co.
	Galemmo John Elvira pntr	R. L. Polk & Co.
	Grace Emma	R. L. Polk & Co.
	Grace Mary wid John	R. L. Polk & Co.
	Grega Andrew Myra chauf	R. L. Polk & Co.
	Hague Sarah	R. L. Polk & Co.
	Hennessey John elev opr	R. L. Polk & Co.
	Kornreich Chas Ethel lab	R. L. Polk & Co.
	Lamb Geo Alice clk Mhn	R. L. Polk & Co.
	Le Blanc Domana G Emily barber Mhn	R. L. Polk & Co.
	Luhrs Otto Hannah clk	R. L. Polk & Co.
	Murphy John Mary clk	R. L. Polk & Co.
	OConnell Jas J Rose	R. L. Polk & Co.
	OConnell Jas J jr acct	R. L. Polk & Co.
	Ottenstein Benj Rose tailor	R. L. Polk & Co.
	Polhamus Richd Marie blksmith	R. L. Polk & Co.
	Remant Asco Blanche lab	R. L. Polk & Co.
	Roberts Emrys Rene bkpr	R. L. Polk & Co.
	Roberts Jack clk Mhn	R. L. Polk & Co.
	Schmidt Emil Elsie baker	R. L. Polk & Co.
	Smyth Jos	R. L. Polk & Co.
	Walsh Cath wid Jas	R. L. Polk & Co.
	West Wm A Rose ship clk	R. L. Polk & Co.
	White Frank Mary msngr	R. L. Polk & Co.
	Thornton Robt Mary bldg supt	R. L. Polk & Co.

1118 46TH RD

Year	Uses	Source
2013	ARISTA WOOD WORKING CO INC	Cole Information Services
2008	ARISTA WOOD WORKING CO INC	Cole Information Services
2005	Papagianis	Hill-Donnelly Information Services
	Arista Wood Working Co Inc	Hill-Donnelly Information Services
2000	D & D Cabinetry	Cole Information Services
	D & D Upholsterers	Cole Information Services
	Dimitri Kiousis	Cole Information Services
1983	Val Diano Restrnt	New York Telephone
1976	Kannan Luncheonette	New York Telephone

FINDINGS

Year	Uses	Source
1970	Kannan Luncheonette	New York Telephone
1967	K Raft Corp	New York Telephone
1962	Flaacke Wm grocry	New York Telephone Directory
1945	Flaacke Wm delctsn	New York Telephone
	Nejelski Cecile Mrs	New York Telephone
1939	Flaacke Wm delctsn	New York Telephone Company
	Hafke Hugo uphlstr	New York Telephone Company
1934	J & S Cleaning & Dyeing John and Sander Scheida	R. L. Polk & Co.
	Klein Martin Margt delicatessen	R. L. Polk & Co.
	Klien Martin Margt delicatessen	R. L. Polk & Co.
	Schieda John J & S Clnrs & Dyers	R. L. Polk & Co.
	Schieda Sander Anna J & S Clnrs & Dyers	R. L. Polk & Co.

1120 46TH RD

Year	Uses	Source
2013	ALEXANDRA INTERNATIONAL	Cole Information Services
	QJC LLC	Cole Information Services
2008	W W JEWELERS INC	Cole Information Services
	ALEXANDER INTERNATIONAL INC	Cole Information Services
2005	Alexandra International	Hill-Donnelly Information Services
	Qjcllc	Hill-Donnelly Information Services
	W & W Mfg Jew	Hill-Donnelly Information Services
2000	Alexandra Intrntl	Cole Information Services
	Movielab	Cole Information Services
	Wayne Grphc Prods	Cole Information Services
	Zenith Grphc Supl	Cole Information Services
1991	Color Graphic Press Inc	NYNEX Information Resource Company
	Wayne Graphic Prods Ltd	NYNEX Information Resource Company
	Zenith Graphic Supl Inc	NYNEX Information Resource Company
1983	Color Graphic Press Inc	New York Telephone
	Gilshire Corp	New York Telephone
	Jewel Press	New York Telephone
	Wayne Graphic Prods Ltd	New York Telephone
	Zenith Graphic Supl Inc	New York Telephone
1976	Alman Prods Corp	New York Telephone
1970	Posterloid Corp	New York Telephone
	Wayne Graphic Prods Ltd	New York Telephone
	Zenith Graphic Supl Inc	New York Telephone

FINDINGS

Year	Uses	Source
1967	Posterloid Corp	New York Telephone
	Wayne Graphic Prods Ltd	New York Telephone
	Zenith Graphic Supl Inc	New York Telephone
1962	Posterloid Corp	New York Telephone Directory
	Thompson Judson L Mfg Co rivets	New York Telephone Directory
	Thomson Judson L Mfg Co rivets	New York Telephone Directory

1125 46TH RD

Year	Uses	Source
2008	GROOVESTRINGS	Cole Information Services
2005	Berti Leonardo v	Hill-Donnelly Information Services
	Betancourt A A	Hill-Donnelly Information Services
	Numbr 38 Bondurant Francis AV	Hill-Donnelly Information Services
	Numbr 4D Formnan K v	Hill-Donnelly Information Services
	Numbr 3 F Gallegos Oswaldo AO	Hill-Donnelly Information Services
	Numbr 4 C h Gross Todd 718 392 6483 o	Hill-Donnelly Information Services
	Numbr 3 E h Hendricks Daniel C	Hill-Donnelly Information Services
	Klriyama Tadahiro v	Hill-Donnelly Information Services
	Laghezza Pasquale Vito Rev	Hill-Donnelly Information Services
	Numbr 1 J Mckinley Daniel	Hill-Donnelly Information Services
	Numbr IG h Medaglia Angela	Hill-Donnelly Information Services
	Numbr 31 h Richardson Gary AO	Hill-Donnelly Information Services
	h Tooker Alexander AO 718 361 6186 a	Hill-Donnelly Information Services
	Toro A vv	Hill-Donnelly Information Services
	Warren Daniel C 718 392 2774 o	Hill-Donnelly Information Services
	Numbr 2 B h Waryold Patrick Av	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	Albanese Rosella v	Hill-Donnelly Information Services
2000	Apartments Sharon Best	Cole Information Services
	H A Betancourt	Cole Information Services
	B Francis Bondurant	Cole Information Services
1991	Bell R	NYNEX Information Resource Company
	Bley Laurie	NYNEX Information Resource Company
	Blum Julius	NYNEX Information Resource Company
	Castano Ivan D	NYNEX Information Resource Company
	Ceballos Maria	NYNEX Information Resource Company
	Ceballos N	NYNEX Information Resource Company
	Di Masi L	NYNEX Information Resource Company
	Weisenberg Bruce	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Doukas Thomas	NYNEX Information Resource Company
	Emanuel A	NYNEX Information Resource Company
	Gallegos Oswaldo	NYNEX Information Resource Company
	Haislip T	NYNEX Information Resource Company
	Lindquist Michael	NYNEX Information Resource Company
	Mahe Thierry	NYNEX Information Resource Company
	Morrison W E	NYNEX Information Resource Company
	Nuyen D M	NYNEX Information Resource Company
	Ospina Libardo	NYNEX Information Resource Company
	Paino Thomas	NYNEX Information Resource Company
	Smiler John F	NYNEX Information Resource Company
	Tomlinson Sonya K	NYNEX Information Resource Company
	Tooker Alexander	NYNEX Information Resource Company
	Toscano Paula Mrs	NYNEX Information Resource Company
	Valenzuela Marina	NYNEX Information Resource Company
	Waryold Patk	NYNEX Information Resource Company
1983	Betancourt A	New York Telephone
	Bondurant Francis	New York Telephone
	Carroll M J	New York Telephone
	Di Masoi L	New York Telephone
	Evangelista Thomas A	New York Telephone
	Foley K	New York Telephone
	Gallegos Oswaldo	New York Telephone
	Gunaydin Hasim	New York Telephone
	Krol Walter F	New York Telephone
	Mencia Paulino	New York Telephone
	Morrison Wiliam E	New York Telephone
	Ospina Libardo	New York Telephone
	Plotch Benjie	New York Telephone
	Russo Rose	New York Telephone
	Sharkey William	New York Telephone
	Smiler John F	New York Telephone
	Tomlinson Sonya K	New York Telephone
	Toscano Paula Mrs	New York Telephone
	Valenzuela Marina	New York Telephone
	Waryold Patk	New York Telephone
1976	Aguirre John	New York Telephone
	Barsoumian Roupen	New York Telephone

FINDINGS

Year	Uses	Source
1976	Becerra B	New York Telephone
	Becerra Jose M	New York Telephone
	Betancourt A	New York Telephone
	Bondurant Francis	New York Telephone
	Cardona Aldemar	New York Telephone
	Emanuel A	New York Telephone
	Evangelista Thomas A	New York Telephone
	Gallegos Oswaldo	New York Telephone
1970	Aguirre John	New York Telephone
	Asaro Anthony Mrs	New York Telephone
	Becerra B	New York Telephone
	Cappa Angelo C	New York Telephone
	Cosomano Anthony	New York Telephone
	Emanuel A	New York Telephone
	Evangelista Thomas A	New York Telephone
	Garay Lesbia	New York Telephone
	Garramone Patsy	New York Telephone
	Gioso Michl	New York Telephone
	Grochowski Mary	New York Telephone
	Grogan Brian	New York Telephone
	Krol Walter T	New York Telephone
	Levesque Ethel M	New York Telephone
	Lozito Wm	New York Telephone
	Mahatcek Jos	New York Telephone
	Mason M	New York Telephone
	Panizzi Tommie	New York Telephone
	Pecoreno L	New York Telephone
	Persson Ethel	New York Telephone
	Pines Frieda Mrs	New York Telephone
	Pound Wm	New York Telephone
	Sargeant G	New York Telephone
	Schroder Wm H	New York Telephone
	Smiler John F	New York Telephone
	Waryold Patk	New York Telephone
	Weiland Jos	New York Telephone
1967	Becerra B	New York Telephone
	Cappa Angelo C	New York Telephone
	Cosomano Anthony	New York Telephone

FINDINGS

Year	Uses	Source
1967	Emanuel A	New York Telephone
	Garramone Patsy	New York Telephone
	Gioso Michl	New York Telephone
	Grochowski Mary	New York Telephone
	Grochowski Timothy J	New York Telephone
	J M E Fuel	New York Telephone
	Krol Walter T	New York Telephone
	Levesque Ethel M	New York Telephone
	Lozito Wm	New York Telephone
	Mahatcek Jos	New York Telephone
	Mason M	New York Telephone
	Panizzi Tommie	New York Telephone
	Pines Frieda Mrs	New York Telephone
	Pound Wm	New York Telephone
	Sargeant G	New York Telephone
	Schroder Wm H	New York Telephone
	Schultze Herman	New York Telephone
	Smiler John F	New York Telephone
	Toscano Paula Mrs	New York Telephone
	Waryold Patk	New York Telephone
	Weiland Jos	New York Telephone
1962	Blum Julius	New York Telephone Directory
	Burch John J	New York Telephone Directory
	Cannavina Danny	New York Telephone Directory
	Cappa Angelo C	New York Telephone Directory
	Cosomano Anthony	New York Telephone Directory
	Emanuel A	New York Telephone Directory
	Foster Geo L	New York Telephone Directory
	Garramones Pastry Shop	New York Telephone Directory
	Gennaro A E	New York Telephone Directory
	Jesse Geo J	New York Telephone Directory
	Jozwiak Jos R	New York Telephone Directory
	Krol Walter T	New York Telephone Directory
	Lozito Wm	New York Telephone Directory
	Mahatcek Jos	New York Telephone Directory
	McCabe Mary Mrs	New York Telephone Directory
	McCarthy H	New York Telephone Directory
	ODonnell John	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Panizzi Tommie	New York Telephone Directory
	Persson Eric	New York Telephone Directory
	Pound Wm	New York Telephone Directory
	Schroder Wm H	New York Telephone Directory
	Schultze Helen F	New York Telephone Directory
	Toscano Paula Mrs	New York Telephone Directory
	Versaci Bessie M	New York Telephone Directory
	Waryold Patk	New York Telephone Directory
	Weiland Jos	New York Telephone Directory
	Wittman Wm	New York Telephone Directory
1945	Abrams Rose Mrs	New York Telephone
	Biancaniello Louis Jr	New York Telephone
	Burch John J	New York Telephone
	Cohen Jos	New York Telephone
	Foster Geo L	New York Telephone
	Geller Frank	New York Telephone
	ODonnell John	New York Telephone
	Pines David	New York Telephone
	Plunkett C W	New York Telephone
	Schmidt Alfred	New York Telephone
	Schultz Helen F	New York Telephone
1939	Burch John J	New York Telephone Company
	Cappa Angelo	New York Telephone Company
	Daley Edw F	New York Telephone Company
	Geller Frank	New York Telephone Company
	Kalb Henry	New York Telephone Company
	Morris Barbara Mrs	New York Telephone Company
	Nadel Hannah Mrs	New York Telephone Company
	Plunkett C W	New York Telephone Company
	Simmons Loretta	New York Telephone Company
1934	Abrahams Emanuel Rose New York Multigraphing Co	R. L. Polk & Co.
	Abrams Emanuel Rose	R. L. Polk & Co.
	Alterman Jacob	R. L. Polk & Co.
	Bottjer Martin Anna clk	R. L. Polk & Co.
	Caiveo Frank C city firemn	R. L. Polk & Co.
	Cappa Angelo C Pauline frt mgr	R. L. Polk & Co.
	De Canio Michl Concetta pntr tnd decorator	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Geise Harold C Lillian slsmn Sears Roebuck & Co Inc	R. L. Polk & Co.
	Gossow Frank Martha supt	R. L. Polk & Co.
	Harper Mabel E sten Pres Boro Q	R. L. Polk & Co.
	Koch Anna Mrs	R. L. Polk & Co.
	Kopacky Edna sten	R. L. Polk & Co.
	Kopacky Jessie sten	R. L. Polk & Co.
	Kopacky Mary wid Frank	R. L. Polk & Co.
	Larkins Agnes sten	R. L. Polk & Co.
	Larkins Alice clk	R. L. Polk & Co.
	Mahoney Mary sten	R. L. Polk & Co.
	Mahoney Michl Mary lab	R. L. Polk & Co.
	Mc Kearney Lawrence J Mary police	R. L. Polk & Co.
	Mc Namara Mathew Mary clk	R. L. Polk & Co.
	Morris Alex T Barbara stone ctr	R. L. Polk & Co.
	Natali Jos Mary artist	R. L. Polk & Co.
	OConnor Jas	R. L. Polk & Co.
	OConnor Margt sten	R. L. Polk & Co.
	OConnor Nora wid John	R. L. Polk & Co.
	Ott Howard Theresa brkmn	R. L. Polk & Co.
	Peck Delia Mrs waiter	R. L. Polk & Co.
	Petterson Geo Agtrid firemn	R. L. Polk & Co.
	Smith Thos garage	R. L. Polk & Co.
	Sullivan Frank J Mary real est	R. L. Polk & Co.
	Swersky Abr Dora chef	R. L. Polk & Co.
	Swersky Frank soda dispeser	R. L. Polk & Co.

1126 46TH RD

Year	Uses	Source
1970	Globe Book Co Inc	New York Telephone

1130 46TH RD

Year	Uses	Source
2000	& T Inc	Cole Information Services
1970	York Wholesalers Parts & Supls	New York Telephone
	York Wholesalers Wholesale Branch of York Corp	New York Telephone
	York Wholesalers Wholesale Branch of York Corp	New York Telephone
	York Service Branch of York Corporation	New York Telephone

Year	Uses	Source
1967	York Wholesalers Wholesale Branch of York Corp	New York Telephone
	York Service Branch of York Corporation	New York Telephone
	York Wholesalers Wholesale Branch of York Corp	New York Telephone
	York Wholesalers Parts & Supls	New York Telephone
1962	YORK CONTRACTORS	New York Telephone Directory

1131 46TH RD

Year	Uses	Source
2013	ZERO CAL BEVERAGES INC	Cole Information Services
	JUST DO IT INCORPORATED	Cole Information Services
2008	CENTEX M F S	Cole Information Services
2005	Sylvin Trading Inc	Hill-Donnelly Information Services
	Prism Communications	Hill-Donnelly Information Services
	Centex MFS	Hill-Donnelly Information Services
	Arielle International Inc	Hill-Donnelly Information Services
2000	Prism Cmmnctns	Cole Information Services
	Allgnc Ticm Inc	Cole Information Services
1962	Schultz C A b	New York Telephone Directory
1945	Staples Clarence P b	New York Telephone
	Schultz Chas A b	New York Telephone
	Schlieben W F b	New York Telephone
	Gorton T I b	New York Telephone
	Carmody Francis J b	New York Telephone
	Bryson Jas A b	New York Telephone
1939	Schultz Chas A b	New York Telephone Company
	Ingram W U b	New York Telephone Company
	Bartlett Chas D b	New York Telephone Company

1134 46TH RD

Year	Uses	Source
2008	ZYLO WARE CORP	Cole Information Services
1991	Zylo Ware Corp	NYNEX Information Resource Company
1983	Genl Information	New York Telephone
	Order Department	New York Telephone

1136 46TH RD

Year	Uses	Source
2013	PETROSSIAN	Cole Information Services

Year	Uses	Source
2013	ZYLO WARE CORP	Cole Information Services
2008	THUNDER INDUSTRIES INC	Cole Information Services
	ZYLOWARE CORP	Cole Information Services
2005	Zylo Ware Corp	Hill-Donnelly Information Services
2000	Zylo Ware Corp	Cole Information Services
1967	York Wholesalers Wholesale Branch of York Corp	New York Telephone
1962	York Wholesalers Wholesale Branch of York Corp	New York Telephone Directory
	York Wholesalers	New York Telephone Directory

1142 46TH RD

Year	Uses	Source
2013	WEST GROUP CREATIVE	Cole Information Services
	AMERICAN CONTRACTING COMPANY INCORPO	Cole Information Services
	AMERICAN CONTRACTING CO INC	Cole Information Services
	RELIABLE MECHANICAL PLUMBING & HEATI	Cole Information Services
	MANHATTAN COOLING TOWERS INC	Cole Information Services
2005	Laminall Inc 2 s 718 786 6480 s	Hill-Donnelly Information Services
2000	Laminalle Inc	Cole Information Services
1991	A & B Realty	NYNEX Information Resource Company
	LAMINALL PLASTICS CO	NYNEX Information Resource Company
	Memento Assocs plastic laminators	NYNEX Information Resource Company
	Silhouette Drywall Systems Inc	NYNEX Information Resource Company
1983	Cinek Film Co Inc	New York Telephone
	LAMINALL PLASTICS CO	New York Telephone
	Memento Assocs plastic laminators	New York Telephone
	Whitehead Cinek Corp	New York Telephone
1976	Cinek Film Co Inc	New York Telephone
	LAMINALL PLASTICS CO	New York Telephone
1970	Cinek Film Co Inc	New York Telephone
	LAMINALL PLASTICS CO	New York Telephone
	MEMENTO ASSOCS plstc lamntrs	New York Telephone
	Whitehead Cinek Corp	New York Telephone
1967	LAMINALL PLASTICS CO	New York Telephone
	MEMENTO ASSOCS plstc lamntrs	New York Telephone
1962	Goodyear Const Co Inc	New York Telephone Directory
	Harrow Const Corp	New York Telephone Directory

Year	Uses	Source
1962	LAMINALL PLASTICS CO	New York Telephone Directory
	MEMENTO ASSOCS plstc lamntrs	New York Telephone Directory
	Pellicano Anthony paintng & decoratg	New York Telephone Directory
	Rosen H contr	New York Telephone Directory
	Rosen Jos archt	New York Telephone Directory

1148 46TH RD

Year	Uses	Source
1983	Coghan Gabriel A Dr PC	New York Telephone
	Silberstein Fryderyk DDS	New York Telephone
1967	Wurm J Dentl Eqp Co	New York Telephone
1962	Wurm J Dental Equip Corp	New York Telephone Directory

1215 46TH RD

Year	Uses	Source
1983	Mc Guggart Eugene	New York Telephone

1303 46TH RD

Year	Uses	Source
1991	S & E Waste Oil Inc	NYNEX Information Resource Company

1315 46TH RD

Year	Uses	Source
1983	Sullivan Philip T	New York Telephone

1645 46TH RD

Year	Uses	Source
1934	Creem Eleanor M clk Dept of Sanitn	R. L. Polk & Co.

46TH ST

1024 46TH ST

Year	Uses	Source
1934	OConnor Julia clk	R. L. Polk & Co.

1025 46TH ST

Year	Uses	Source
1934	Leibowitz Jos engineering asst Bd of Water Supply	R. L. Polk & Co.

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1037 46TH ST

Year	Uses	Source
1934	Smith Jos Mary E crane eng	R. L. Polk & Co.
	Morris Mary wid Wm matron	R. L. Polk & Co.

1114 46TH ST

Year	Uses	Source
1934	Gardner Steph Rosamond plmbr	R. L. Polk & Co.
	Smith Edna sten	R. L. Polk & Co.
	Gibbons Frank W inspr Bd of Water Supply G & E	R. L. Polk & Co.

1115 46TH ST

Year	Uses	Source
1934	Joyner Victor Lucy musician	R. L. Polk & Co.
	Sparagna Dominick Mathilda Dominick Sparagna & Co	R. L. Polk & Co.

1124 46TH ST

Year	Uses	Source
1934	Hyland Edith sten	R. L. Polk & Co.
	Mabie Jas P Anna mgr	R. L. Polk & Co.
	Hyland Edw Margt lab	R. L. Polk & Co.

1180 46TH ST

Year	Uses	Source
1934	Flower Isidore Rose Flower & DAvis	R. L. Polk & Co.

1249 46TH ST

Year	Uses	Source
1967	Felleman Philip N	New York Telephone

1333 46TH ST

Year	Uses	Source
1934	Riley Raymond chemical eng	R. L. Polk & Co.

1429 46TH ST

Year	Uses	Source
1934	Mamaux John J Rhoda slsmn	R. L. Polk & Co.

1472 46TH ST

Year	Uses	Source
1934	Bricker Harry tchr Grover Cleveland	R. L. Polk & Co.

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1505 46TH ST

Year	Uses	Source
1939	Knipp Chas jwlr	New York Telephone Company

1772 46TH ST

Year	Uses	Source
1934	Bayer Gertrude stock clk John A Schwarz Inc	R. L. Polk & Co.

5TH AVE

1011 5TH AVE

Year	Uses	Source
1976	Arnold Hubert E	New York Telephone

1165 5TH AVE

Year	Uses	Source
1976	Amer Soc For Psycho Prophylaxis In Obstetrics Inc	New York Telephone
	Childbirth Education Lamaze	New York Telephone
	ASPO	New York Telephone
	AMERICAN SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS	New York Telephone

1176 5TH AVE

Year	Uses	Source
1976	Krasna Irwin H MD	New York Telephone
1970	Danese Callisto MD	New York Telephone
	Krasna Irwin H MD	New York Telephone
1967	Krasna Irwin H MD	New York Telephone

1440 5TH AVE

Year	Uses	Source
1991	DVC Industries Inc	NYNEX Information Resource Company
1983	DVC Industries Inc	New York Telephone

1510 5TH AVE

Year	Uses	Source
1983	Mc Guire Richard A Assocs Inc	New York Telephone

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1560 5TH AVE

Year	Uses	Source
1976	Crossly Bldg Prods	New York Telephone

1724 5TH AVE

Year	Uses	Source
1983	Entenmanns Bakery Inc	New York Telephone

1775 5TH AVE

Year	Uses	Source
1976	Duralite Co Inc Barbour Av ABBREV Passaic NJ NYC Tel No WI 77064	New York Telephone
	Duralee Fabrics Ltd	New York Telephone
1970	Duralee Fabrics Ltd	New York Telephone

1853 5TH AVE

Year	Uses	Source
1976	Falkowitz Milton DDS	New York Telephone

6TH AVE

1200 6TH AVE

Year	Uses	Source
1976	Dynagem Jwlry	New York Telephone
1970	Dynagem jwlry	New York Telephone
1967	Dynagem jwlry	New York Telephone

1251 6TH AVE

Year	Uses	Source
1976	Maisel Restrnts exec ofcs	New York Telephone
1970	Maisel Restlnts exec ofcs	New York Telephone
1967	Maisel Restrnts exec ofcs	New York Telephone

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TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
45-35 11th Street	1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
10-11 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-12 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-15 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-18 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-20 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-20 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-22 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-24 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-25 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-26 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-27 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-27 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-28 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-29 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-34 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-35 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-35 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
10-35 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-36 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-37 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-37 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-40 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-40 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-41 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-42 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-43 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-45 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-47 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-48 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-49 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-50 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-51 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-52 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-54 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-57 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
1011 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1012 46TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1015 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1015 45TH AVE	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1015 46TH AVE	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1922
1015 46TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1016 46TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1016 46TH AVE	2013, 2008, 1996, 1976, 1967, 1962, 1950, 1945, 1939, 1922
1018 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1018 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1934, 1922
1020 45TH RD	2013, 2008, 1996, 1983, 1976, 1970, 1967, 1950, 1934, 1922
1020 45TH RD	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1020 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1021 45TH AVE	2013, 2008, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1021 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1022 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1024 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1934, 1922
1024 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1025 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
1025 45TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1025 45TH RD	2013, 2008, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1025 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1025 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1026 46TH AVE	2013, 2008, 1996, 1976, 1967, 1962, 1950, 1934, 1922
1026 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1027 45TH AVE	2013, 2008, 2005, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1027 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
1027 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1027 46TH AVE	2013, 2008, 1996, 1976, 1970, 1950, 1922
1027 46TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1028 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1028 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1028 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1028 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1029 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1030 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1030 46TH RD	2013, 2008, 1996, 1991, 1976, 1950, 1945, 1939, 1922
1030 46TH RD	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1031 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1922
1032 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1934, 1922
1032 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
1034 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1034 45TH RD	2013, 2008, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1034 45TH RD	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1034 46TH AVE	2013, 2008, 1996, 1962, 1950, 1939, 1934, 1922
1034 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1922
1035 45TH AVE	2013, 2008, 1996, 1976, 1950, 1922
1035 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1035 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1035 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1035 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
1036 46TH AVE	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1934, 1922
1037 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1934, 1922
1037 46TH RD	2013, 2008, 1996, 1950, 1922
1037 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1037 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1038 45TH AVE	2013, 2008, 2005, 1996, 1991, 1983, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1038 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
1038 46TH AVE	2013, 2008, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1038 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1038 46TH RD	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1038 46TH RD	2013, 2008, 1996, 1976, 1962, 1950, 1945, 1939, 1934, 1922
1039 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
1040 45TH AVE	2013, 2008, 1996, 1950, 1945, 1939, 1934, 1922
1040 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1040 46TH AVE	2013, 2008, 1996, 1976, 1950, 1922
1040 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1922
1041 45TH AVE	2013, 2008, 1996, 1976, 1970, 1967, 1962, 1950, 1934, 1922
1041 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1041 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
1042 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1922
1043 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
1044 46TH RD	2013, 2008, 1996, 1950, 1922
1045 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
1046 46TH RD	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
1047 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1048 45TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1048 46TH RD	2013, 2008, 1996, 1983, 1976, 1950, 1945, 1922
1048 46TH RD	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1049 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
1050 46TH RD	2013, 2008, 1996, 1991, 1976, 1950, 1922
1051 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
1052 46TH RD	2013, 2008, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1054 46TH RD	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1922
1056 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1056 46TH RD	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1057 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1084 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1095 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
11-14 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-15 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-15 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-16 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-18 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-24 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-25 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-25 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-26 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-30 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-30 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-31 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-35 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-42 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-47 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-48 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-55 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
1103 45TH AVE	2013, 2008, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1103 45TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1103 46TH AVE	2013, 2008, 2005, 2000, 1996, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1103 46TH RD	2013, 2008, 2000, 1996, 1950, 1945, 1939, 1934, 1922
1105 44TH DR	2013, 2008, 1996, 1976, 1950, 1922
1105 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1110 44TH DR	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1111 44TH DR	2013, 2008, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1111 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1112 44TH DR	2013, 2008, 2005, 2000, 1996, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1114 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1922
1114 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1114 46TH AVE	2013, 2008, 1950, 1922
1114 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1114 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1115 45TH AVE	2013, 2008, 1996, 1950, 1922
1115 45TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1115 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1115 46TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1115 46TH RD	2013, 2008, 1996, 1950, 1922
1115 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1116 44TH DR	2013, 2008, 1996, 1983, 1976, 1967, 1962, 1950, 1939, 1934, 1922
1116 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1118 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1118 46TH RD	2013, 2008, 1996, 1991, 1950, 1922
1120 46TH RD	2013, 2008, 1996, 1950, 1945, 1939, 1934, 1922
1120 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1121 44TH DR	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1122 45TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1122 45TH RD	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1122 45TH RD	2013, 2008, 1996, 1976, 1962, 1950, 1945, 1939, 1934, 1922
1124 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1124 46TH AVE	2013, 2008, 1996, 1950, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1124 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1125 45TH AVE	2013, 2008, 1996, 1976, 1950, 1945, 1939, 1922
1125 45TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1125 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1125 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1125 46TH RD	2013, 2008, 1996, 1950, 1922
1125 46TH RD	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1126 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1130 45TH RD	2013, 2008, 2005, 1996, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1130 45TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1130 46TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1950, 1945, 1939, 1934, 1922
1131 46TH RD	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1934, 1922
1131 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1133 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1133 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1134 44TH DR	2013, 2008, 1996, 1950, 1945, 1939, 1922
1134 46TH RD	2013, 2008, 2005, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1134 46TH RD	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1135 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1135 45TH AVE	2013, 2008, 1996, 1950, 1945, 1939, 1934, 1922
1136 44TH DR	2013, 2008, 1996, 1950, 1922
1136 44TH DR	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1136 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1962, 1950, 1945, 1939, 1934, 1922
1136 46TH RD	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1934, 1922
1136 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1138 44TH DR	2013, 2008, 1996, 1950, 1922
1140 44TH DR	2013, 2008, 1996, 1950, 1939, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1140 45TH RD	2013, 2008, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1140 46TH AVE	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1142 44TH DR	2013, 2008, 1996, 1950, 1939, 1922
1142 44TH DR	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1142 44TH DR LONG ISLAND CITY DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1142 46TH RD	2013, 2008, 1996, 1950, 1945, 1939, 1934, 1922
1142 46TH RD	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1143 45TH AVE	2013, 2008, 1996, 1976, 1950, 1945, 1939, 1934, 1922
1144 44TH DR	2013, 2008, 1996, 1950, 1945, 1922
1145 44TH DR	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1146 44TH DR	2013, 2008, 1996, 1950, 1945, 1922
1147 45TH AVE	2013, 2008, 1950, 1939, 1922
1147 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1148 44TH DR	2013, 2008, 1996, 1962, 1950, 1945, 1939, 1922
1148 44TH DR	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1148 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1950, 1945, 1939, 1934, 1922
1149 44TH DR	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1149 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1151 44TH DR	2013, 2008, 1996, 1950, 1922
1152 44TH DR	2013, 2008, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1152 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1153 44TH DR	2013, 2008, 1996, 1962, 1950, 1939, 1922
1154 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1967, 1950, 1945, 1939, 1934, 1922
1155 45 S AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1155 45TH AVE	2013, 2008, 1950, 1922
1155 45TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1155 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1156 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1157 44TH DR	2013, 2008, 1996, 1950, 1934, 1922
1157 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1165 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1165 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1176 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1180 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1186 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1188 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1200 6TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1215 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1220 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
1234 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1238 44TH DR	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1249 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
1251 6TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1254 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1255 45TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1303 46TH RD	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1314 46TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1315 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1322 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1324 46TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1330 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1333 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1347 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1401 45TH ST	2013, 2008, 2005, 2000, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1413 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1424 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
1429 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1440 5TH AVE	2013, 2008, 2005, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1444 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1458 45TH	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1472 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1474 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1505 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
1510 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1560 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1626 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1645 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1716 46TH AVE	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1724 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1772 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1775 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1967, 1962, 1950, 1945, 1939, 1934, 1922
18-12 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
18-48 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
1815 45TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1824 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1853 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1866 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1882 46TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
20-04 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-06 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-08 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-10 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-12 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-14 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-18 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-20 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-22 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-24 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-25 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-26 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-27 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-33 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-35 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-37 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-41 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-43 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-45 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-47 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-48 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-49 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-51 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922

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Address Researched	Address Not Identified in Research Source
20-52 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-53 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-54 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-55 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-56 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-57 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
2019 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
2038 46TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
2040 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
2046 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
2057 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
2059 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
4446 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4461 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4461 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4464 11TH ST	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4464 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4469 11TH ST	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4472 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
4480 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4480 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4502 11TH ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4502 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
4504 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
4506 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
4508 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4510 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4510 11TH ST	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4512 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
4514 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4516 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1950, 1939, 1922
4518 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4520 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4520 11TH ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4528 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4528 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
4528 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4530 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4532 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
4532 11TH ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4534 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
4536 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4536 21ST ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1950, 1945, 1939, 1934, 1922
4537 21ST ST	2013, 2008, 2000, 1996, 1950, 1939, 1922
4537 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4538 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
4539 21ST ST	2013, 2008, 2000, 1996, 1950, 1922
4540 11TH ST	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4540 21ST ST	2013, 2008, 2000, 1996, 1950, 1945, 1939, 1934, 1922
4540 21ST ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4542 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4543 21ST ST	2013, 2008, 2000, 1996, 1991, 1976, 1950, 1939, 1922
4543 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4544 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
4544 21ST ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4545 21ST ST	2013, 2008, 2000, 1996, 1976, 1950, 1939, 1922
4546 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4546 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4546 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4546 21ST ST	2013, 2008, 2000, 1996, 1991, 1950, 1945, 1939, 1934, 1922
4587 21ST ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4591 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
46-31 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-32 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-34 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-37 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-41 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-43 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-44 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
4601 21ST ST	2013, 2008, 2000, 1996, 1962, 1950, 1945, 1939, 1934, 1922
4601 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4602 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4606 11TH ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4606 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4609 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4609 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4610 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4610 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1950, 1939, 1934, 1922
4613 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
4614 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4616 11TH PL	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
4620 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4620 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4627 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4629 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4630 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4631 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4632 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4633 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4634 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4634 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4635 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4636 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4636 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4637 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4639 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4641 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
4643 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4644 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
4644 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4645 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4647 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4649 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4653 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922

APPENDIX E

Previous Environmental Reports

Middleton Environmental Inc.

Environmental Consultants and Engineers

50 Park Avenue, Babylon, NY 11702
(631) 321-4300 • Fax (631) 321-4349
middletonenvironmental.com

Phase I Environmental Site Assessment Report

MEI Project Number 14-122

Property located at 45-35 11th Street in Long Island City, New York

March 10, 2014

Prepared for Shine Electronics

Middleton Environmental Inc.

Environmental Consultants and Engineers

50 Park Avenue, Babylon, NY 11702
(631) 321-4300 • Fax (631) 321-4349
middletonenvironmental.com

March 10, 2014

Ms. Lisa Lee
Shine Electronics Corporation
11-15 46th Street
Long Island City, NY 11101

Re: Phase I Environmental Site Assessment Report
45-35 11th Street in Long Island City, New York 11101
MEI Project #: 14-122

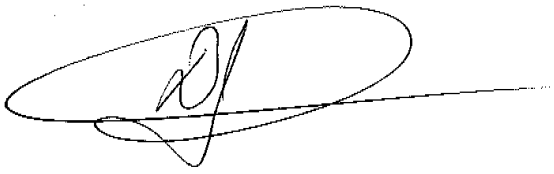
In accordance with our agreement, Middleton Environmental Incorporated (MEI), has performed a Phase I Environmental Assessment of the above referenced property in accordance with ASTM E 1527-2005 Scope of Work. Please find a copy of the report enclosed.

We declare that to the best of our knowledge and belief, we meet the definition of Environmental professional as defined in §312.10 of 40 CFR 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 all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Thank you for choosing MEI as your consultant for this project. If you have any questions, or if we can be of additional service, please contact us at 631 321 4300.

Respectfully submitted,

Middleton Environmental Incorporated



Prepared by: Donald J. Middleton Jr.
President

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1.0 EXECUTIVE SUMMARY

At the request of Shine Electronics, Middleton Environmental Incorporated (MEI) has performed a Phase I Environmental Site Assessment (ESA) of the property located at 45-35 11th Street in Long Island City, New York, herein referred to as the Subject Property. The main objective of this ESA was to identify ***recognized environmental conditions*** in connection with the Subject Property, defined in ASTM Practice E 1527-05 as the presence or likely presence of any hazardous substances or petroleum products that indicate an existing release, a past release, or a material threat of a release. This ESA also includes a preliminary evaluation of certain potential environmental conditions that are outside the scope of ASTM Practice E 1527-05. This assessment has revealed no evidence of REC's in connection with the Subject Property.

The Subject Property includes a rectangular-shaped parcel totaling approximately 0.28 acres. The Subject Property is currently improved with one (1) industrial building. The building is 13,400 square feet in size and has a main floor, a second floor, and a partial basement and is currently occupied by Wayland Industries (a wire spooling facility). The main floor of the building contains an office area and warehouse area that contains storage areas, wire assembly and cutting areas and a loading dock area. The second floor of the building is occupied by office space. A review of the New York City Building Department property profile overview indicated that the building was constructed in 1956. The building occupies the majority of the parcel with minimal areas of exposed grounds or landscaped areas bordered by municipal walkways and right-of-ways.

Below is the Assessment Summary Table presenting our recommended actions for the Subject Property. MEI's Findings and Opinions and Recommendations for further action or investigation (if any), are presented in Section 10.0.

ASSESSMENT SUMMARY TABLE			
Assessment Component	**Section(s)**	**Recommended Actions**	**Estimated Cost**
Historical Review	5.3, 5.4 & 5.5	No Further Action	
Current Occupants / Operations	3.3	No Further Action	
Hazardous Substances / Petroleum Products	7.2	No Further Action	
Drains, Sumps & Storm Water Drywells	7.2	Removal of impacted sediment from interior floor drain (as referenced in PW Grosser Phase II ESA Report)	TBD
Storage Tanks	7.2	No Further Action	
PCBs	7.2	No Further Action	
Regulatory Agency / Database Review	5.1	No Further Action	
Asbestos Containing Materials	9.1	Deferred Action	
Lead Based Paint	9.2	Deferred Action	
Lead in Drinking Water	9.3	No Further Action	
Radon	9.4	No Further Action	
Mold	9.5	No Further Action	
Wetlands	9.6	No Further Action	

2.0 INTRODUCTION

2.1 Purpose

MEI has performed a Phase I Environmental Site Assessment (Phase I ESA) of property located at 45-35 11th Street in Long Island City, New York (Subject Property). The purpose of this Phase I Environmental Site Assessment (Phase I ESA) is to investigate and identify recognized environmental conditions associated with the Subject Property and/or surrounding property. Recognized environmental conditions, as defined in the ASTM Standard Practice E 1527-05, including the following:

The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

For the purpose of this Phase I ESA, *recognized environmental conditions (REC's),* may also include the presence or likely presence of other conditions as noted in the Scope of Services.

2.2 Scope of Services

This ESA was conducted utilizing a standard of good commercial and customary practice that was consistent with the ASTM Practice E 1527-05. Any significant scope-of-work additions, deletions or deviations to ASTM Practice E 1527-05 are noted below or in the corresponding sections of this report. The scope-of-work for this assessment included an evaluation of the following:

- Physical characteristics of the Subject Property through a review of referenced sources for topographic, geologic, soils and hydrologic data.
- Subject Property history through a review of referenced sources such as land deeds, fire insurance maps, city directories, aerial photographs, prior reports, and interviews.
- Current Subject Property conditions, including observations and interviews regarding the following: the presence or absence of hazardous substances or petroleum products; generation, treatment, storage, or disposal of hazardous, regulated, or biomedical waste; equipment that utilizes oils which potentially contain PCBs; and storage tanks (aboveground and underground).
- Usage of surrounding area properties and the likelihood for releases of hazardous substances and petroleum products (if known and/or suspected) to migrate onto the Subject Property.
- Information in referenced environmental agency databases and local environmental records, within specified minimum search distances.
- Past ownership through a review of available prior reports and local municipal file review.
  The scope-of-work also included consideration of the following potential environmental conditions that are outside the scope of ASTM Practice E 1527-05: asbestos-containing materials (ACM), lead-based paint (LBP), lead in drinking water, radon, mold, and wetlands.

2.3 Assumptions and Limitations

There is a possibility that even with the proper application of these methodologies there may exist on the Subject Property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. MEI believes that the information obtained from the record review and the interviews concerning the Subject Property is reliable. However, MEI cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the User with information relating to the Subject Property.

The findings, opinions and conclusions of this report contain the limitations inherent in these methodologies that are referred to in ASTM E 1527-05. Specific limitations and exceptions to this ESA are set forth below:

Historical and environmental information pertaining to the Subject Property has been included in this report to the extent that such information is "reasonably ascertainable" as defined in the above-referenced standard practice and in accordance with the project specific timeframes.

MEI reviewed an environmental database search report. MEI's conclusions based on the search report are limited to the accuracy of that report. To the extent possible, MEI's field observations are used to verify the information or identify errors and inconsistencies in the search report regarding the listed facilities in the immediate vicinity of the Subject Property.

With respect to conditions outside the scope of the ASTM Standard, MEI's observations are limited to physical observations and a review of published data. Unless otherwise stated, no sampling for Asbestos Containing Materials, Lead Based Paint, Drinking Water, Radon, Mold or Wetlands was conducted.

2.4 Special Terms and Conditions

This Phase I Environmental Site Assessment (the report) has been prepared to assist Shine Electronics in its underwriting of a proposed mortgage loan or financing on the Subject Property. This report can be relied upon by only the parties stated in the transmittal letter at the front of this report. MEI's liability to a purchaser wishing to use this report is limited to the cost of the report. Amendments to MEI's limitations as stated herein that may occur after issuance of the report are considered to be included in this report. Payment for the report is made by, and MEI's contract and report extends to Shine Electronics only, in accordance with MEI Terms and Condition and the MEI Scope of Work.

2.5 Data Gaps

Any data gaps identified herein, as defined by ASTM Practice E 1527-05 § 3.2.20, are not considered to have significantly affected the ability to identify recognized environmental conditions in connection with the Subject Property and do not alter the conclusions of this report.

3.0 SITE DESCRIPTION

3.1 Ownership and Location

According to the Automated City Register Information System (ACRIS) operated by the New York City Department of Finance identified the Subject Property as Block 54 Lot 20 and the Subject Property is owned by M/M Paul Horowitz.

The property is located at 45-35 11th Street in Long Island City, NY. MEI did not identify any prior owners or occupants of potential environmental concern in the property records obtained from the NYC Department of Finance.

3.2 Improvements

The Subject Property includes a rectangular-shaped parcel totaling approximately 0.28 acres. The Subject Property is currently improved with one (1) industrial building. The building is 13,400 square feet in size and has a main floor, a second floor, and a partial basement and is currently occupied by Wayland Industries (a wire spooling facility). The main floor of the building contains an office area and warehouse area that contains storage areas, wire assembly and cutting areas and a loading dock area. The second floor of the building is occupied by office space. The building occupies the majority of the parcel with minimal areas of exposed grounds or landscaped areas bordered by municipal walkways and right-of-ways.

3.3 Current Use of the Subject Property

At the time of inspection, the Subject Property was occupied by Wayland Industries (a wire spooling facility). The main floor of the building contains an office area and warehouse area that contains storage areas, wire assembly and cutting areas and a loading dock area. The second floor of the building is occupied by office space.

3.4 Services, Utilities and Roadways

Street Address(es): 45-35 11th Street

City and State: Long Island City, New York

County: Queens

Owner: M/M Paul Horwitz

Property Size: 0.42 acres

Access Roadway to site: 45th Road to the north of the Subject Property, 11th Street to the west of the Subject Property and 46th Avenue to the south of the Subject Property

Site Use: One (1) two story industrial building

Occupants: The building is currently occupied by Wayland Industries (a wire spooling facility). The main floor of the building contains an office area and warehouse area that contains storage areas, wire assembly and cutting areas and a loading dock area. The second floor of the building is occupied by office space.

Electricity Provider: Consolidated Edison

Natural Gas Provider: National Grid

Fuel Oil Provider: N/A

Potable Water: Municipal Water Supply

Sewer Services: Municipal Sewer System

Heating System: The commercial tenants are presently heated by natural gas fired individual heating systems that are located inside each commercial tenant. There were overhead heating units located inside the commercial tenants.

3.5 Adjoining Properties

The current use of the adjoining properties is industrial and residential. The Subject Property borders are as follows:

North - The property is bordered to the north by 45th Road and a park.

South - The property is bordered to the south by 46th Avenue and an apartment building under construction.

East - The property is bordered to the east by the Shine Electronics Company building.

West - The property is bordered to the west by 11th Street, a mechanical company building and apartment buildings.

4.0 USER PROVIDED INFORMATION

4.1 Environmental Pre-Survey Questionnaire

Pursuant to ASTM E 1527-05, MEI requested the following site information from the User of this report and from the site contact. The following section summarizes information provided by Shine Electronics with regard to this Phase I Environmental Site Assessment.

ITEM	PROVIDED BY USER	NOT PROVIDED BY USER	DISCUSSED BELOW	DOES NOT APPLY
4.1 Environmental Pre-survey Questionnaire		X		
4.2 Title Records		X		
4.3 Environmental Liens or Activity and Use Limitation		X		
4.4 Specialized Knowledge		X		
4.5 Commonly Known or Reasonably Ascertainable Information		X		
4.6 Valuation Reduction for Environmental Issues		X		
4.7 Identification of Key Site Manager		X		
4.8 Reason for Performing Phase 1 ESA	X			
4.9 Prior Environmental Reports	X			

4.2 Title Records

Title record information associated with the Subject Property has not been provided to MEI by Shine Electronics. Land title records provide information on previous ownership of a property. Typically, deeds signifying transfer of a land parcel are recorded in county files and can be researched to determine the identity of past owners. A "chain of title" is a continuous record of ownership for a specific parcel. A 50-year chain of title search was not included in the scope of work for this assessment.

4.3 Environmental Liens or Activity and Use Limitation

The property owner/user/key site personnel did not report any Environmental Liens or Activity/Use Limitations on the site. An environmental lien search was not included in the scope of work of this assessment and therefore was not performed. However, if the findings of a lien search performed by any other party does reveal the presence of an environmental related lien on the subject property, this information should be forwarded to MEI for review, and any significant findings will be added to this assessment as an addendum to this report.

4.4 Specialized Knowledge

Shine Electronics provided no specialized knowledge that is material to recognized environmental conditions in connection with the Subject Property. MEI was not provided with or made aware of previous environmental assessments or other documentation that is material to recognized environmental conditions in connection with the Subject Property, except as presented in Section 4.3 of this report.

4.5 Commonly Known or Reasonably Ascertainable Information

Shine Electronics have provided no commonly known or reasonably ascertainable information within the local community about the Subject Property that is material to recognized environmental conditions in connection with the Subject Property.

4.6 Valuation Reduction for Environmental Issues

Shine Electronics have provided no information regarding valuation reduction for environmental issues in connection with the Subject Property.

4.7 Identification of Key Site Manager

Shine Electronics provided contact information for the Subject Property owner, manager and/or occupants. The Contact person for site access was Ms. Lisa Lee.

4.8 Reason for Performing Phase I ESA Report

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E-1527-05) in connection with the Subject Property. This ESA was also performed to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "landowner liability protections," or "LLPs"). ASTM Standard E-1527-05 constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

4.9 Prior Environmental Reports

MEI prepared a Phase I ESA of the Subject Property in June 2008 and reviewed P.W. Grosser Consulting (PWGC), February 2014 Phase II ESA report.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

Information from standard Federal and state environmental record sources was provided through Environmental Data Resources Inc. (EDR). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. This integrated database also contains postal service data in order to enhance address matching. Records from one government source are compared to records from another to clarify any address ambiguities. The demographic and geographic information available provides assistance in identifying and managing risk. The accuracy of the geocoded locations is approximately +/-300 feet.

In some cases, location information supplied by the regulatory agencies is insufficient to allow the database companies to geocode facility locations. These facilities are listed under the unmappables section within the EDR report. A review of the unmappable facilities indicated that none of these facilities are within the ASTM minimum search distance from the Site.

Regulatory information from the following database sources regarding possible recognized environmental conditions, within the ASTM minimum search distance from the Site, was reviewed. Specific facilities are discussed below if determined likely that a potential recognized environmental condition has resulted at the Site from the listed facilities (see appendix 12.5 for Environmental Database Report).

The following table provides a summary of the findings of the environmental database report. Specific properties identified within the database report are further discussed below.

SUMMARY OF FEDERAL, STATE, AND TRIBAL AGENCY DATABASE FINDINGS			
Regulatory Database	**Approximate Minimum Search Distance**	**Subject Property Listed**	**Off-site Listings Within Search Distance**
Federal NPL Sites	1.0 mile	No	0
Federal Delisted NPL Sites	0.5 mile	No	0
Federal CERCLIS Sites	0.5 mile	No	0
Federal CERCLIS NFRAP Sites	0.5 mile	No	0
Federal RCRA CORRACTS Sites	1.0 mile	No	1
Federal RCRA Generators Sites	Property & Adjoining	No	0
Federal RCRA Non-CORRACTS TSD Sites	0.5 mile	No	0
Federal Engineering / Institutional Control Sites	Property & Adjoining	No	0
Federal ERNS Sites	Subject Property	No	0
State and Tribal equivalent NPL Sites	1.0 mile	No	0
State and Tribal equivalent CERCLIS Sites	0.5 mile	No	8
State and Tribal Leaking Storage Tank Sites	0.5 mile	No	57
State and Tribal Spills Sites	Subject Property	No	0
State and Tribal Landfill or Solid Waste Disposal Sites	0.5 mile	No	3
State and Tribal Registered Storage Tank Sites	Property & Adjoining	Yes	0
State and Tribal Engineering / Institutional Control Sites	Property & Adjoining	No	0
State and Tribal Voluntary Cleanup Sites	0.5 mile	No	3
State and Tribal Brownfield Sites	0.5 mile	No	4

- ***Federal National Priority List (NPL) Sites***

The National Priorities List (NPL) is the Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program. The Subject Property is not listed as a Federal NPL site. No Federal NPL sites are located within a mile radius of the Subject Property.

- ***Federal Delisted National Priority List (NPL) Sites***

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes 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. The Subject Property is not listed as a Federal Delisted NPL site. No Federal Delisted NPL sites are located within a mile radius of the Subject Property.

- ***Federal CERCLIS Sites***

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances. The Subject Property is not listed as a Federal CERCLIS site. No Federal CERCLIS sites are listed within a half mile radius of the Subject Property.

- ***Federal CERCLIS NFRAP Sites***

The CERCLIS No Further Remedial Action Planned (NFRAP) List is a compilation of sites that the EPA has investigated, and has determined that the facility does not pose a threat to human health or the environment. The Subject Property is not listed as a Federal CERCLIS-NFRAP site. There were no Federal CERCLIS NFRAP sites listed within a half mile radius of the Subject Property.

- ***Federal RCRA CORRACTS Sites***

RCRA Corrective Action Tracking System (CORRACTS) 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 regarding sites that generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. The RCRA-CORRACTS database identifies Transportation, Storage or Disposal (TSD), facilities that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA. The Subject Property was not identified on the RCRA CORRACTS site list. There were two (2) RCRA CORRACTS sites within a mile radius of the Subject Property. Neither of these sites would have an apparent adverse impact on the Subject Property based upon the distance to the Subject Property and direction of groundwater flow (see appendix 12.5 Environmental Database Report regarding these sites).

- ***Federal RCRA Hazardous Waste Generators Sites***

Hazardous waste generators tracked under the Resource Conservation and Recovery Act (RCRA) are classified as either Large Quantity Generators (LQGs), Small Quantity Generators (SQGs), or Conditionally Exempt Small Quantity Generators (CESQGs). A RCRA-LQG is a facility that generates over 1,000 kilograms (Kg) of hazardous waste. A RCRA-SQG is a facility that generates between 100 Kg and 1,000 Kg of hazardous waste per month while a RCRA-CESQG generates less than 100 Kg of hazardous waste per month. The Subject Property is not listed as a Federal RCRA Hazardous Waste Generator site.

- ***Federal RCRA non-CORRACTS TSD Sites***

RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) sites are required to register hazardous waste activity under the Resource Conservation and Recovery Act (RCRA). The Subject Property is not listed as a Federal RCRA non-CORRACTS TSD site. The Subject Property is not listed as a Federal RCRA non-CORRACTS TSD Site. There were no Federal RCRA non-CORRACTS TSD sites within a mile radius of the Subject Property.

- ***Federal Engineering Control / Institutional Control Sites***

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. 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. 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. Neither the Subject Property nor any of the surrounding properties were listed as a Federal Engineering Control or Institutional Control Site.

- ***Federal Emergency Response Notification System (ERNS) Sites***

ERNS is a national database used to collect information regarding reported releases of petroleum products and/or hazardous substances. The database contains information from spill reports submitted to Federal agencies, including the EPA, the U.S. Coast Guard, the National Response Center, and the U.S. Department of Transportation. A review of this database was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Subject Property. The Subject Property is not listed as a Federal ERNS site.

- ***State and Tribal equivalent NPL Sites***

State and Tribal equivalent NPL databases were searched for sites located within 1.0 mile of the Subject Property. The Subject Property is not listed as a State and Tribal equivalent NPL Site. There were no State and Tribal equivalent NPL Sites within a mile radius of the Subject Property.

- ***State and Tribal equivalent CERCLIS Sites***

State and Tribal equivalent CERCLIS databases were searched for sites located within 0.5 mile of the Subject Property. The Subject Property is not listed as a State and Tribal equivalent CERCLIS Site. There were eight (8) State and Tribal equivalent CERCLIS Sites within a half mile radius of the Subject Property. None of these sites would have an apparent adverse impact on the Subject Property based upon the distance to the Subject Property and direction of groundwater flow (see appendix 12.5 Environmental Database Report regarding these sites).

- ***State and Tribal Leaking Storage Tank Sites***

Leaking Storage Tank Sites are properties where releases of hazardous substances or petroleum products from underground storage tanks (USTs) and/or aboveground storage tanks (ASTs) have been identified and reported to state, tribal, or local agencies.

The Subject Property is not listed as a State and Tribal Leaking Storage Tank site. However, fifty seven (57) sites located within 0.5 mile of the Subject Property were identified as State and Tribal Leaking Storage Tank Sites. Of the listed sites, fifty three (53) sites are located greater than 0.125 mile from the Subject Property and based on the distance from the Subject Property and the dense urban environment surrounding the Subject Property, these sites are considered unlikely to represent an existing release, past release or material threat of release of hazardous substances or petroleum products on the Subject Property.

The four (4) remaining listed site located within 0.125 mile of the Subject Property have been investigated by the NYSDEC and have been closed by the NYSDEC with no further action required. Based upon the current regulatory status, separating distance, presumed hydrogeologic gradient relative to the Subject Property, and/or reported nature/extent of contamination, it is considered unlikely that conditions associated with these identified Leaking Storage Tank sites represent an environmental concern to the Subject Property.

- ***State and Tribal Spills Sites***

A review of the State and Tribal Spills database was conducted in order to determine whether any spills or incidents involving releases of hazardous substances or petroleum products have occurred at the Subject Property. The Subject Property is not listed as a State and Tribal Spills site. None of the reported spills listed within a half mile of the Subject Property would have an apparent adverse impact on the Subject Property.

- ***State and Tribal Landfill Sites and Solid Waste Disposal Sites***

The State and Tribal landfill and solid waste disposal site databases identify active or inactive landfill and transfer station facilities, as well as open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. The Subject Property is not listed as a State and Tribal landfill and solid waste disposal site. Three (3) State and Tribal landfill and solid waste disposal sites are listed within 0.5 mile of the Subject Property. None of these sites would have an apparent adverse impact on the Subject Property based upon the distance to the Subject Property and direction of groundwater flow (see appendix 12.5 Environmental Database Report regarding these sites).

- ***State and Tribal Registered Storage Tank Sites***

The Subject Property is not listed as a State and Tribal Registered Storage Tank site. None of the adjoining properties were identified as State and Tribal Registered Storage Tank sites.

- ***State and Tribal Engineering Control / Institutional Control Sites***

The completion of site cleanup activities may include the implementation of engineering controls or institutional controls as part of the response action. 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. 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. Neither the Subject Property nor any of the surrounding properties were listed as a State Engineering Control or Institutional Control Site.

- ***State and Tribal Voluntary Cleanup Sites***

The Subject Property is not listed as a State and Tribal Voluntary Cleanup site. Three (3) State and Tribal Voluntary Cleanup Sites are listed within 0.5 mile of the Subject Property. None of these sites would have an apparent adverse impact on the Subject Property based upon the distance to the Subject Property and direction of groundwater flow (see appendix 12.5 Environmental Database Report regarding these sites).

- ***State and Tribal Brownfield Sites***

The Subject Property is not listed as a State and Tribal Brownfield site. Four (4) State and Tribal Brownfield Sites are listed within 0.5 mile of the Subject Property. None of these sites would have an apparent adverse impact on the Subject Property based upon the distance to the Subject Property and direction of groundwater flow (see appendix 12.5 Environmental Database Report regarding these sites).

5.2 Local Regulatory Agency Records

Local municipal offices consulted during the completion of this assessment included the New York City Building Department, the New York City Department of Finance and the New York City Fire Department. MEI did not identify documented adverse environmental conditions, violations, or complaints associated with the Subject Property in the information provided by these agencies. Similarly, MEI did not identify records of spills or releases of hazardous substances or petroleum products having occurred at the Subject Property in the information provided by these agencies.

New York City Building Department

MEI reviewed information listed in the online NYC Building Information System (BIS) provided by the New York City Building Department's website, http://a810-bisweb.nyc.gov/bisweb/bsqpm01.jsp. According to information viewed on the New York City Building Department's website, a variety of interior renovations, building improvements and system upgrades have occurred throughout its history, which is not uncommon for a property of this age and type. The review of New York City Building Department property profile overview indicated that the Subject Property has an E restriction of Hazmat/Air. It is recommended that the property owner submit all documentation associated with this designation to the New York City Office of Environmental Remediation (NYCOER), in order to determine the requirements for addressing the E designation assigned to the Subject Property prior to any planned construction activities. Copies of the New York City Building Department records are presented in Appendix 12.4.

New York City Department of Finance

MEI reviewed information provided by the New York City Department of Finance. Specific information provided by the New York City Department of Finance includes lot sizes and dimensions, building sizes, building zoning and use, and the approximate date of construction. The information provided by New York City Department of Finance did not identify any conditions or reported events that would indicate the presence of a recognized environmental condition in connection with the Subject Property. The building was constructed on the Subject Property in 1956. Copies of the New York City Department of Finance records are presented in Appendix 12.4.

New York City Fire Department

MEI reviewed information provided by the New York City Fire Department (NYCFD). Specific information obtained from the NYCFD includes any active and/or voided storage tank permits for the Subject Property. A review of the NYCFD storage tanks files indicated that there were no "active" tank accounts for any underground or aboveground storage tanks at the Subject Property.

5.3 Sanborn Fire Insurance Maps

Historical fire insurance maps depicting the Subject Property were reviewed and are summarized in the following table. Copies of the fire insurance maps are presented in Appendix 12.6.

FIRE INSURANCE MAP SUMMARY		
Year	Issues Noted	Observations
1898	No	Subject Property: The 1898 Sanborn Map shows the Subject Property as undeveloped land.
		Surrounding Area: The 1898 Sanborn Map shows the surrounding properties east and south as undeveloped land. East Avenue (a.k.a. 11th Street) is in place to the west, 11th Street (a.k.a. 45th Road) is in place to the north, and 10th Street (a.k.a. 46th Avenue) is in place to the south of the Subject Property. Usage north of 11th Street (a.k.a. 45th Road) and usage west of East Avenue (a.k.a. 11th Street) is not covered by the map.
1915	No	Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1898 Sanborn Map.
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1898 Sanborn Map.
1936	No	Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1915 Sanborn Map.
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1915 Sanborn Map.
1947	No	Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1936 Sanborn Map.
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1936 Sanborn Map.
1950	No	Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1947 Sanborn Map.
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1947 Sanborn Map.
1970	No	Subject Property: The 1970 Sanborn Map shows the Subject Property occupied by the existing commercial building.
		Surrounding Area: The 1970 Sanborn Map shows the surrounding property to the east and south occupied by commercial buildings. Usage beyond 45th Road to the north and 11th Street to the west is not covered on the map.
1979	No	Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1970 Sanborn Map.
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1970 Sanborn Map.
1986	No	Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1979 Sanborn Map.
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1979 Sanborn Map.
1990	No	Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1986 Sanborn Map.
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1986 Sanborn Map.

5.4 Aerial Photographs

Historical aerial photographs may be used to evaluate changes in land use and to identify visible areas of potential environmental concern. A search for historical aerial photographs depicting the Subject Property and vicinity was conducted by researching available historical aerial photographs from www.historicaerials.com and other available resources. Aerial photographs depicting the Subject Property were reviewed and are summarized in the following table.

AERIAL PHOTOGRAPH SUMMARY		
Year	**Issues Noted**	**Observations**
1954	**No**	**Subject Property: The 1954 photograph appears to show the Subject Property as undeveloped land.**
		Surrounding Area: The 1954 photograph shows the presence of a commercial building to the east. To the north is 45th Road, then an undeveloped lot, to the south is 46th Avenue then an undeveloped lot, and to the west is 11th Street then a commercial building.
1966	**No**	**Subject Property: The 1966 photograph shows the presence of the existing industrial building on the Subject Property.**
		Surrounding Area: The 1966 photograph shows the presence of commercial buildings to the north, south, east, and west of the Subject Property.
1974	**No**	**Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1966 photograph.**
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1966 photograph, with the exception of the property to the north which appears to be undeveloped land.
1980	**No**	**Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1974 photograph.**
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1974 photograph, with the exception of the property to the north which appears to have been developed as a park.
2004	**No**	**Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 1980 photograph.**
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 1980 photograph.
2006	**No**	**Subject Property: Conditions on the Subject Property appear to be similar to those depicted on the 2004 photograph.**
		Surrounding Area: Conditions on the surrounding properties appear to be similar to those depicted on the 2004 photograph.

5.5 City Directories

Street directories are commercial publications containing names and addresses, and in many cases, occupations of the occupants of a particular community. The directories may also contain information pertaining to business processes conducted within a community. A search for historical street directories was conducted by MEI and EDR. Historical street directories were reviewed and are summarized in the following table. Copies of the street directories are presented in Appendix 12.6.

Year	Occupants
1922	No listing
1934	No listing
1939	No listing
1945	No listing
1950	No listing
1962	No listing
1967	No listing
1970	No listing
1976	No listing
1983	No listing
1991	No listing
1996	No listing
2000	Wayland Industries
2005	Wayland Inc.
2008	Assembly Process Co Inc, Wayland Industries Inc.
2013	Wayland Industries Inc.

6.0 PHYSICAL SETTING

6.1 Topography

The Subject Property and vicinity characteristics listed below were analyzed utilizing a current USGS 7.5 Minute Topographic Map. This information is useful in determining the grade and topography of the Subject Property. The Subject Property is located at an elevation of approximately 12 feet above mean sea level (msl). The topography of the Subject Property is relatively flat and there were no slopes, depressions or rolling hills observed on the Subject Property and slopes on the Subject Property range from 0 to 3 percent. The Subject Property has been graded for commercial usage.

6.2 Geology and Soils

No bedrock outcroppings were observed at the Subject Property. Near-surface geology in heavily developed areas such as the Subject Property and vicinity is considered "urban land" and is characterized by a non-homogeneous distribution of soil and fill types. Excavation and backfilling for building foundations, utility conduits, subway systems and other construction results in a varied subsurface profile. In this setting, estimation of local subsurface parameters such as permeability, moisture content, and organic fraction is not feasible without site-specific testing data.

6.3 Hydrogeology and Hydrology

No natural surface water bodies were identified on or adjacent to the Subject Property. The nearest surface water body is the East River.

Local groundwater gradient is expected to follow surface topography; therefore, groundwater flow near the Subject Property is expected to flow to the west. Groundwater depths and flow gradients are best evaluated by a subsurface investigation involving the installation of at least three groundwater monitoring wells and precise measurements of hydrostatic pressure. Monitoring wells were not observed on the Subject Property.

7.0 SUBJECT PROPERTY RECONNAISSANCE

The Subject Property reconnaissance was conducted by Mr. Donald J. Middleton Jr., President of MEI, on February 14, 2014. Mr. Middleton was accompanied by the property manager during the site inspection.

7.1 Methodology and Limited Conditions

The Subject Property reconnaissance consisted of visual and/or physical observations of the Subject Property and improvements, adjoining properties as viewed from the Subject Property boundaries, and the surrounding area based on visual observations made from adjacent public thoroughfares. Building exteriors were observed along the perimeter from the ground, unless described otherwise.

7.2 Physical Observations

Underground Storage Tanks

There was an oil fill port and vent pipe for an underground storage tank noticed on the south side of the building. There was also a petrometer in the basement of one (1) 2,500 gallon storage tank. The tank located in a concrete vault adjacent to the basement boiler room. It was reported in MEI's 2008 Phase I ESA report that this tank was abandoned in-place several years ago. The tank was not properly registered with the New York State Department of Environmental Conservation (NYSDEC). As part of PWGC's 2014 Phase I ESA, soil borings were extracted from the tank area and no elevated levels of contamination were encountered in the vicinity of this tank. A review of available Sanborn Fire Insurance Maps did not indicate the presence of any buried tanks on the Subject Property.

Aboveground Storage Tanks

MEI did not observe any aboveground storage tanks at the Subject Property.

Hazardous Substances and Petroleum Products

MEI did not observe hazardous substances or petroleum products at the Subject Property.

Non-Hazardous Substances and Petroleum Products

MEI did not observe any non-hazardous substances or petroleum products at the Subject Property.

Unidentified Substances Containers

MEI did not observe any unidentified substances containers at the Subject Property. MEI did observe one (1) 55-gallon drum that was utilized as garbage can inside the warehouse area on the main floor. There were no signs of staining or leakage noticed in the vicinity of the 55-gallon drum. No 55-gallon drum storage areas were noticed on the exterior portions of the Subject Property.

Drains or Storm Water Drywells

MEI did not observe any storm water drywells at the Subject Property. However, there was one (1) floor drain noticed inside the loading dock area on the main floor that did not show any signs of chemical staining. As part of PWGC's Phase I ESA, a sample of the sediment from this base of this drain was extracted and low level impact was identified in the floor drain. PWCG recommended that the impacted sediment be removed from the drain and properly disposed of offsite. Additionally, the drain should be repaired so that it can properly be used or properly abandoned to prevent future potential impacts to the subsurface. MEI concurs with this recommendation.

In addition, there was one (1) sump drain noticed in the partial basement that did not show any signs of chemical staining (this drain did not apparently discharge to the subsurface and discharged to the municipal sewer system).

Polychlorinated Biphenyls (PCB's)

Polychlorinated biphenyls (PCBs) are a chemical component of many dielectric fluids, heat transfer fluids, hydraulic fluids, lubricating oils, paints, or coatings manufactured prior to July 2, 1979 before being banned by Congress. Equipment that may potentially contain PCBs includes electrical equipment such as transformers or capacitors or hydraulically operated equipment, such as elevators, compaction equipment, or manufacturing equipment. MEI did not observe any PCB-containing equipment at the Subject Property.

Stains or Corrosion

MEI did not observe any stains or corrosion at the Subject Property.

Odors

MEI did not observe any strong, pungent or noxious odors at the Subject Property.

Pools of Liquid

MEI did not observe any pools of liquid at the Subject Property.

Stressed Vegetation

MEI did not observe any stressed vegetation at the Subject Property.

Stained Soil or Pavement

MEI did not observe any stained soil or pavement at the Subject Property. There were several wire rope assembly and cutting machines noticed inside the wire rope assembly and cutting areas on the main floor that did not show any signs of staining or leakage.

Wells

MEI did not observe any irrigation wells or groundwater monitoring wells at the Subject Property.

Sumps, Pits, Ponds or Lagoons

MEI did not observe any pits, ponds or lagoons at the Subject Property. One (1) sump drain was noticed in the partial basement and was further discussed above.

Waste Water

MEI did not observe any improper disposal of waste water into drains, ditches or streams at the Subject Property.

Solid Wastes Disposal

All solid wastes generated on-site are carted away by a licensed waste hauler to an approved solid waste facility and are not disposed at on-site.

8.0 INTERVIEWS

8.1 Interview With Property Owner and/or Property Manager

The Subject Property manager was interviewed during the site reconnaissance and the property manager did not did not indicate the presence of any environmental liens or was unaware of any contamination concerns regarding the Subject Property.

9.0 CONDITIONS OUTSIDE THE SCOPE OF ASTM PRACTICE E 1527-05

9.1 Asbestos Containing Material (ACM)

Asbestos is a term used to describe a group of six naturally occurring crystalline fiber minerals. Asbestos has excellent thermal stability, a high degree of tensile strength, and has been used extensively in the textile, insulation, and building industries, particularly as a component in fireproofing, decorative coatings, insulation materials, and as reinforcement for plaster binders in building products. Asbestos-containing building materials are generally classified as friable or non-friable. Friable ACM are those which can be crumbled, pulverized, or reduced to powder by hand pressure, or by normal use or maintenance can be expected to emit asbestos fibers into the air. Non-friable ACM is a potential concern if it is damaged by maintenance work, demolition, or other activities, at which time it may be considered friable.

It should be noted that the limited visual screening survey conducted under the scope of work for this assessment does not constitute a full asbestos inspection, in which all areas of the building would have been thoroughly surveyed and sampled. MEI observed the presence of 9 by 9 inch vinyl floor tiles in the main floor office area and approximately fifty (50) linear feet of ACM on an overhead pipe on the main floor. The ACM observed was in good condition and removal is not recommended. It is recommended that a sample of the floor tiles be analyzed for asbestos contact prior to any planned renovation activities. There were no signs of ACM fireproofing noticed inside the building and no signs of ACM noticed on the boiler in the basement of the building.

9.2 Lead Based Paint (LBP)

Use of lead in household paint was banned by the U.S. Environmental Protection Agency (EPA) effective January I, 1978. The EPA and the U.S. Department of Housing and Urban Development (HUD) consider lead based paint as containing a lead concentration equal to or greater than 1.0 milligram per square centimeter (mg/cm') or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act.

MEI observed that there were no signs of severe peeling or flaking paint inside the building with the exception of the corridor areas and it is recommended that these areas be repaired and repainted.

9.3 Lead in Drinking Water

Lead has historically been used in pipes, solder, and brass fixtures used in water distribution systems and building plumbing systems. In 1986, the USEPA banned the use of lead at concentrations exceeding 0.2% lead in solder and 8% lead in other plumbing materials. Lead in drinking water results primarily from corrosion of lead containing materials in service lines or from corrosion of lead containing materials in building plumbing such as lead solder, brass, bronze, and other lead containing alloys. The USEPA Action Level for lead in public drinking water supplies is 0.015 parts per million (ppm) or 0.015 milligrams per liter (mg/L). MEI did not observe any brass fixtures or lead fixtures at the Subject Property.

9.4 Radon

Radon is a colorless, odorless, radioactive gas. Radon comes from the natural decay of uranium that is found in nearly all soils. Radon typically moves through the ground and into building through cracks and openings in the foundation. The USEPA has developed a "Map of Radon Zones" indicating the levels of radon concentrations from testing and aerial surveys conducted in all counties in New York State. The U.S. Environmental Protection Agency's Map of Radon Zones identified the Subject Property as a radon zone Level 3. Level 3 signifies that the average predicted radon level indoors is less than 2 pico-Curies per liter and this is the lowest level in the state. This level compares favorably with the EPA action level of 4.0 pico-Curies per liter as the guideline (it should be noted that current radon information and EPA Action Levels are designated for residential spaces only. Commercial and industrial facilities are not subject to EPA's Action Level of 4 pico-Curies per liter as the guideline and definitive information concerning radon gas in an individual building can only be obtained through long term testing).

9.5 Mold

Molds are a class of fungi, and have been found to cause a variety of health problems in humans, including allergic, toxicological, and infectious responses. Molds are decomposers of organic materials, and thrive in humid environments. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials including drywall, wallpaper, baseboards, wood framing, insulation and carpeting often play host to such growth.

As part of this assessment, MEI performed a limited visual inspection for the conspicuous presence of mold. MEI observed the accessible interior areas of the Subject Property structure, including interior walls and ceilings for the presence of conspicuous mold or observed water intrusion or accumulation. This evaluation did not include a review of pipe chases or areas behind enclosed walls and ceilings. MEI did not observe conspicuous visual or olfactory indications of the presence of mold, nor did MEI observe obvious indications of significant water damage inside the accessible areas of the building.

9.6 Wetlands

MEI reviewed available information regarding wetlands on the Subject Property, including National Wetlands Inventory online GIS mapping. MEI additionally made general site observations for readily observable potential wetland characteristics. MEI did not observe surface water bodies or any evidence of potential wetlands on or adjacent to the Subject Property.

10.0 FINDINGS, OPINIONS AND RECOMMENDATIONS

MEI has performed this Phase I Environmental Site Assessment of the Subject Property in conformance with the scope and limitations of ASTM Standard E 1527-05. This assessment has identified no evidence of recognized environmental conditions (RECs) in connection with the Subject Property.

The site reconnaissance, interviews and review of records have not found the presence or possible presence of hazardous substances or petroleum related products that could indicate an existing release, past release or significant threat of a release into structures on the property, into ground, groundwater or surface water.

However, there was one (1) floor drain noticed inside the loading dock area on the main floor that did not show any signs of chemical staining. As part of PWGC's Phase I ESA, a sample of the sediment from this base of this drain was extracted and low level impact was identified in the floor drain. PWCG recommended that the impacted sediment be removed from the drain and properly disposed off-site. Additionally, the drain should be repaired so that it can properly be used or properly abandoned to prevent future potential impacts to the subsurface. MEI concurs with this recommendation.

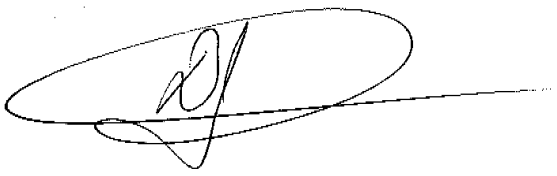
The only conditions outside of ASTM E 1527-05 that were identified in connection with the Subject Property were that MEI observed the presence of 9 by 9 inch vinyl floor tiles in the main floor office area and approximately fifty (50) linear feet of ACM on an overhead pipe on the main floor. The ACM observed was in good condition and removal is not recommended. It is recommended that a sample of the floor tiles be analyzed for asbestos contact prior to any planned renovation activities. Lastly, MEI observed the presence of peeling or flaking paint inside the corridor areas and it is recommended that these areas be repaired and repainted.

It is the opinion of MEI that no further testing (subsurface or otherwise), is warranted on the Subject Property (with the exception of the aforementioned remedial activity of the on-site floor drain).

11.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

This Phase I Environmental Site Assessment (ESA) Report documents the research methodology used by qualified environmental professionals of MEI to identify recognized environmental conditions using the scope and limitations of ASTM Standard E 1527-05.

Middleton Environmental Incorporated



Prepared by: Donald J. Middleton Jr.
President

APPENDIX F

Regulatory Review Database Report

APPENDIX G

Qualifications of Environmental Professionals

Ecosystems Strategies, Inc.

Paul H. Ciminello, CEM, CAQS
PRESIDENT
paul@ecosystemsstrategies.com

EDUCATION

Master of Environmental Management, 1986
School of the Environment, Duke University, Durham, North Carolina

Master of Arts in Public Policy Sciences, 1986
Institute of Policy Sciences and Public Affairs, Duke University, Durham, North Carolina

Bachelor of Arts, 1980
Tufts University, Medford, Massachusetts

CERTIFICATIONS AND TRAINING

Certified Qualified Environmental Professional (QEP), Institute of Professional Environmental Practice (Cert. Number 08130024)
In compliance with OSHA Hazardous Materials Safety (29 CFR 1910) requirements (updated 2012)
Certified Air Quality Specialist, Environmental Assessment Association, 2007
Certified Environmental Manager, Environmental Assessment Association, 2006
NJ Dept. of Environmental Protection Licensed Subsurface Evaluator (License Number: 0014686)
NYS Dept. of Labor Certified Asbestos Building Inspector (Cert. Number: AH92-14884)
NYS Department of State, Division of Licensing Services, Real Estate Instructor

PROFESSIONAL EXPERIENCE

President, Ecosystems Strategies, Inc., Poughkeepsie, New York *1992 to present*

Coordinates corporate strategic planning, financial management and marketing activities. Oversees corporate work on state and federal superfund sites and manages education/training services. Responsible for technical services in areas of pollution prevention, contaminant delineation and site remediation. Twenty years experience in the investigation and remediation of petroleum contamination at commercial and residential properties. Major recent projects of relevance include:

- Irvington Waterfront Park (Irvington, NY): Project Manager for site investigation and remedial design of abandoned industrial riverfront properties. Documented soil and groundwater contamination and designed remediation including soil removal and site capping. Project completed in 2000; project awarded the 2000 Gold Medal Award by Consulting Engineers Council of New York State.

- Greyston Bakery Site (Yonkers, NY): Project Manager for site investigation and remedial design of former manufactured gas plant site for future use as a bakery. Documented soil, groundwater and soil gas contamination. Remedial systems included installations of a DNAPL collection system, a barrier layer, a subslab depressurization system under the building, and groundwater monitoring. Project completed in 2004.

- 400 Block Redevelopment (Poughkeepsie, NY): Project Manager for site investigation and remedial design of multi-use industrial development property (boiler repair, clothing manufacturer, auto repair) for future retail/residential use. Documented soil (petroleum, PCBs, metals) and groundwater (petroleum) contamination. Remedial systems include: soil (and tank) removal, installation of a barrier, and groundwater monitoring. Project completed in 2006.

- Prospect Court Housing Site (Bronx, NY): Project Manager for site investigation and remediation of a former gas station/auto repair facility. Documented contamination included both dissolved and free-phase petroleum hydrocarbons, dissolved halogenated solvents, and metals contamination in soil. Remedial systems consisted of In-Situ Chemical Oxidation, soil excavation, vapor interception systems, and on-going groundwater monitoring. Project anticipates securing Certificate of Completion from the NYSDEC in December 2012.

- Parkview Commons Site (Bronx, NY): Project Manager for site investigation and remedial design of former gas station/auto repair facility for future use as a residential/commercial building. Certificate of Completion was secured from the NYSDEC in 2007.

Senior Hazardous Waste Specialist, U.S. Hydrogeologic, Inc., Poughkeepsie, New York 1986 to 1992

Supervisor for corporate hazardous and solid waste investigatory and remedial services. Major projects included:

- Coordination of subsurface investigations at a New York State Superfund site (former industrial facility); project manager in charge of site reclassification (delisted as of January, 1991).
- Coordination of petroleum storage tank management plan for Dutchess County (NY) Department of Public Works, including an assessment of regulatory compliance, product utilization and physical conditions of more than 100 tanks at over 20 facilities.
- Environmental compliance Audit of 42,000-square foot printing facility with specific remediations for solvent handling/disposal, inks storage and metal recovery processes.

Adjunct Professor, (various institutions) *1991 to Present*

Dutchess Community College, Poughkeepsie, New York
*M*arist College, Poughkeepsie, New York
Vassar College, Poughkeepsie, New York

Courses: Macroeconomics, Environmental Economics (DCC)
Introduction to Environmental Issues (Marist)
Environmental Geology (Vassar)

Policy Intern, Southern Growth Policies Board, North Carolina *1985*

Prepared several in-depth and short analyses of environmental and economic issues, with specific concern for their impact on Southern state policies. Analyses included: hazardous waste facility setting policies and environmental impacts of "high tech" industries on host communities.

Research Assistant, University of Oregon, Eugene, Oregon *1983*

Analyzed (with Dr. John Baldwin, Chairman of the Department of Planning, Public Policy and Management, U. of Oregon) the "Oregon Riparian Tax Incentive Program". Designed survey, conducted interviews and analyzed data. Summary paper with programmatic recommendations, was presented at the Annual Conference of the National Association of Environmental Educators.

PRESENTATIONS

- "Environmental Risks in Lending" Training Session for Pawling Savings Bank employees, December 18 and 19, 1989; and July 1, 1993.
- "Identifying Environmental Concerns in Appraisals", Workshops for Lakewood Appraisal Corporation, October, and November, 1989 and April, 1990.
- "State and Local Groundwater Protection Strategies", Annual meeting of the New York State Association of Towns, February, 1990.
- "Environmental Audits on Orchards and Agricultural Properties", Resource Education Institute, Inc., Real Estate Site Assessment and Environmental Audits Conference, December 4, 1990.

- "Environmental Audits on Orchards and Agricultural Properties", National Water Well Association Annual Conference, July 29-31, 1991.
- "Principles of Environmental Economics for Ground Water Professionals", National Groundwater Association Outdoor Action Conference, May 27, 1993.
- "Impact of Environmental Liabilities on Real Estate Transactions", a NYS Department of Education approved course for licensed real estate professionals, March 1995; April 1995; May 1995; October 1995.
- "Brownfields Redevelopment in New York: A Discussion of Two Case Studies", New England Environmental Conference 1996, March, 1996.
- "Quantifying Environmental Liabilities", a NYS Department of Education approved course for licensed real estate professionals, March 1997.
- "Environmental Assessments in Urban Settings", Vassar College, Fall 1999 and Fall 2000.
- "Navigating Property Contaminant Problems", Land Trust Alliance Rally 2001, Oct 2001.

ARTICLES

Ciminello, P. 1993. A Primer on Petroleum Bulk Storage Tanks and Petroleum Contamination of Property, ASHI Technical Journal, Volume 3, No. 1

Ciminello, P. 1991. Environmental Audits on Orchard and Other Agricultural Properties, Proceedings of the National Water Well Association Annual Conference

Ciminello, P. 1991. Property Managers Should Carefully Examine Current Fuel Storage Practices, NYS Real Estate Journal, Vol. 3, No. 9

Ciminello, P. 1991. New DEC Regulations Affect Development of Agricultural Lands, NYS Real Estate Journal, Vol. 3, No. 6

Ciminello, P., Hodges-Copple, J. 1986. Managing Toxic Risks From High Tech Manufacturing, Growth and Environmental Management Series (Southern Growth Policies Board)

Ciminello, P. 1986. State Assistance in Financing Water Treatment Facilities, Growth and Environmental Management Series (Southern Growth Policies Board)

Ciminello, P. 1985. Plants Amid Plantings: The Future Role of Environmental Factors in Business Climate Ratings, Southern Growth ALERT (Southern Growth Policies Board)

Ciminello, P., J. Baldwin, N. Duhnkrack,1984, An Incentive Approach to Riparian Lands Conservation, Monographs in Environmental Education and Environmental Studies (North American Association of Environmental Educators)

PROFESSIONAL AFFILIATIONS

American Water Resources Association
National Groundwater Association
Hazardous Materials Control Research Institute
Environmental Assessment Association

ADDITIONAL INFORMATION

Member, Dutchess County (NY) Youth Board (1987-1992); Chairman, 1992
Member, City of Poughkeepsie (NY) School District Ad Hoc Committee on Teen Parents and Pregnancy Prevention (1991)
Member, City of Poughkeepsie School District Budget Advisory Committee (1994 to 2000)
Member, City of Poughkeepsie PTA and Middle School Building Level Team

Scott Spitzer
Director of Environmental Investigations
scott@ecosystemsstrategies.com

PROFESSIONAL EXPERIENCE

Director of Environmental Investigations, Ecosystems Strategies, Inc., Poughkeepsie, NY 2013 - present

Management and quality review of environmental site assessments, technical environmental investigations, and remedial projects including Brownfield sites. Conducts research to obtain field and regulatory information about the environmental status of a designated area. Reviews all documents prepared by ESI to ensure consistency and technical accuracy. Responsibilities associated with the preparation of site assessments include: investigating site histories, conducting facility inspections, reviewing regulatory agency records, documenting facility compliance with relevant State and Federal regulations, and preparing reports. Management of complex technical environmental investigations (including sites currently on the NYSDEC Registry of Inactive Hazardous Waste Sites), including coordinating subcontractors, overseeing fieldwork, designing and implementing sampling plans, preparing technical reports, and interfacing with regulatory agency personnel.

Senior Project Manager, Long-Form Reports, The 451 Group, Inc., New York, NY 2008-2011

- Managed the production of over 150 technical white papers.

Senior Project Manager, Ecosystems Strategies, Inc., Poughkeepsie, NY 2001 - 2008

- Conducted Environmental Site Investigations and prepared final site assessment reports. Over 300 Investigations and Final Reports completed as lead manager.
- Investigated site histories.
- Conducted facility inspections.
- Reviewed regulatory agency records.
- Documented facility compliance with relevant State and Federal regulations.
- Conducted Phase II Technical Environmental Investigations and prepared technical reports.
- Researched field and regulatory information.
- Managed tank removals.
- Coordinated subcontractors.
- Oversaw fieldwork and handled collection of material, soil and water samples.

Select Projects

Scenic Hudson Land Trust, Inc., Beacon Waterfront Project, Beacon, NY

ESI conducted soil and groundwater investigations on a former MOSF and adjacent scrap yard. Projects involved soil remediation of both petroleum and PCB-contaminated soils and long-term groundwater monitoring. Both projects were classified as Voluntary Clean-Up projects by the NYSDEC and closure status was attained.

Sakmann Restaurant Corporation Site, Fort Montgomery, NY

Conducted Phase I Environmental Site Assessment and Phase II Subsurface Investigations for former filling station and automotive repair garage contaminated by solvent and waste-oil discharges to an on-site drywell.

Designed and implemented a sampling plan for soils impacted by chlorinated hydrocarbons, petroleum, and metals. Created Workplan (in coordination with the NYSDEC Voluntary Cleanup Program) for remediation of on-site contamination and long-term sampling of on-site groundwater monitoring wells.

Staten Island Marina Site, Staten Island, NY

Conducted Phase I Environmental Site Assessment and Phase II Subsurface Investigation for an active marine facility engaged in boat painting and engine maintenance activities. Coordinated the delineation of metals contamination over a three-acre area and analyzed potential impacts from on-site fill materials. Submitted remedial and budgetary analysis in support of regulatory agency approval for conversion of boatyard into a public park.

Octagon House Development Site, Roosevelt Island, NY

Conducted Phase I Environmental Site Assessment and Phase II Subsurface Investigations at the former site of a large, urban hospital. Interpreted the results of geotechnical studies, extended test pits, and conducted extensive soil sampling, to document subsurface soil conditions in support of client's application to the U.S. Housing and Urban Development Agency (HUD). Created Workplan (in coordination with the NYCDEP Office of Environmental Planning and Assessment) for site-wide remediation of contaminated soils and secured NYCDEP approval for site remediation as required by HUD.

Camp Glen Gray Boy Scout Facility, Mahwah, NJ

Conducted Phase I Environmental Site Assessment and Phase II Subsurface Investigations at an approximately 800-acre campground containing numerous structures. Documented subsurface soil conditions at the locations of aboveground and underground storage tanks, and delineated lead contamination at a former firing range. Assisted in design and implementation of remediation plans for removal of petroleum and lead contaminated soils, and obtained NJDEP approvals.

EDUCATION

SUNY at Stony Brook, Bachelor of Science - Biology, SUNY at Stony Brook *May 1992*
SUNY at Purchase, extensive studies in Environmental Science

PROFESSIONAL CERTIFICATIONS

OSHA Hazardous Waste Site Operations and Emergency Response (HAZWOPER) – 40 hr

APPENDIX H

Scope of Services

Ecosystems Strategies, Inc.

Phase I Environmental Site Assessment
Scope of Services

Task 1.0: Description of Subject Property and Surrounding Area Physical Settings

1.1 Description of property location, topography, geology, hydrogeology, surface hydrology and wetlands
1.2 Identification of adjoining and surrounding area properties

Task 2.0: Historic Investigation (Review of Applicable, Reasonably Ascertainable Sources)

2.1 Review of historic maps and plans (to the earliest date of available maps)
2.2 Review of aerial photographs
2.3 Review of local records (e.g., building department), including cursory ownership information and City Directories, if applicable.
2.4 Interviews with User, Key Site Manager, and other knowledgeable individuals.
2.5 Review of User or property owner provided documents (e.g., title reports, prior investigations) and/or analytical results

Task 3.0: Federal and State Regulatory Agency Records Review

3.1 Review of ASTM-required federal, state, and/or tribal databases at required search distances and analysis of the relationship of each Site (e.g., upgradient, downgradient) to the Subject Property;
- Federal NPL (1.0 mile) and delisted NPL sites (0.5 mile)
- Federal CERCLIS list and CERCLIS NFRAP site list (0.5 mile)
- Federal RCRA CORRACTS facilities list (1.0 mile)
- Federal RCRA non-CORRACTS TSD facilities list (0.5 mile)
- Federal RCRA generators list (subject/adjoining properties)
- Federal ERNS list (subject property)
- Federal, state, and tribal institutional control/engineering control registries (subject property)
- State- and tribal-equivalent NPL (1.0 mile)
- State- and tribal-equivalent CERCLIS (0.5 mile)
- State and tribal Brownfield and voluntary cleanup sites (0.5 mile)
- State and tribal leaking storage tank lists (0.5 mile)
- State (including locally administered) and tribal registered storage tank lists (subject/adjoining)
- State and tribal landfill and/or solid waste disposal site lists (0.5 mile)

3.2 Review of additional federal and state environmental databases:
- State spill file records (0.5 mile)
- State MOSF list (0.5 mile)
- State radon data (by local municipality as available)
- Federal and state wastewater discharge permits (subject/adjoining properties)

3.3 Interviews (as applicable) with government representative regarding regulatory compliance

Task 4.0: Physical Inspection

4.1 Inspection of property and structures for potential contamination and contaminant sources, including:
- Hazardous/medical/radioactive waste storage and disposal areas
- Petroleum and/or chemical storage (including tanks and associated piping)
- Overt indications, spatial extent, and current condition of asbestos-containing materials, lead-based paint and mold
- Wastewater and stormwater discharge systems
- Equipment potentially containing polychlorinated biphenyls (PCBs)

4.2 Inspection of external property for the following:
- Presence of contamination (e.g., debris, soil staining)
- Evidence of prior structures and uses
- Unusual or man-made topographical formations (e.g., berms, sinkholes)
- On-site surface water quality
- Evidence and location of wells
- Vegetative stress

4.3 Identification of overt on-site sensitive environmental receptors (e.g., wetlands)
4.4 Limited inspection of adjoining and nearby properties for:
- Potential off-site sources of contamination
- Sensitive environmental receptors

4.5 If appropriate, interviews with owners/tenants/operators and other available knowledgeable individuals present during physical inspection

Task 5.0: Preparation of Written Summary Report

5.1 Summary of findings of Tasks 1.0 through 4.0
5.2 Identification of any Recognized Environmental Conditions and/or other potential concerns
5.3 Conclusions and Recommendations, including any specific additional investigatory or remedial work
5.4 Production and transmission of the final Phase I ESA to Client.

PHASE I

ENVIRONMENTAL

SITE ASSESSMENT

June 11, 2014

Site Identification:	**11-22 45th Road Queens, New York City, New York**
Tax Lot Identification:	**Block 54, Lot 13**
Property Description:	**0.9 acre property containing a single-story industrial building**

ESI File: GQ14077.10

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, NY 12603
phone 845.452.1658 | fax 845.485.7083 | ecosystemsstrategies.com

Ecosystems Strategies, Inc.

PHASE I

ENVIRONMENTAL

SITE ASSESSMENT

June 11, 2014

ESI File: GQ14077.10

Prepared By:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, New York 12603

Prepared For:

GDC Properties
245 Saw Mill River Road
Hawthorne, New York 10532

Phase I Environmental Site Assessment services performed by Ecosystems Strategies, Inc. have been conducted in accordance with ASTM Method E 1527-13.

The undersigned has reviewed this Phase I Environmental Site Assessment and certifies to GDC Properties that the information provided in this document is accurate as of the date of issuance by this office.

Paul H. Ciminello
President

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D City Directory Abstracts
E Previous Environmental Reports
F Regulatory Review Database Report
G Qualifications of Environmental Professional(s)
H Scope of Services

EXECUTIVE SUMMARY

Ecosystems Strategies, Inc. (ESI) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527-13 of the property located at 11-22 45th Road, Queens, New York City, New York.

The goal of a Phase I ESA is to identify Recognized Environmental Conditions (RECs), including Controlled RECs and Historical RECs (see Section 1.4 for definitions of important terms). In addition to RECs, ESI has attempted to identify:

1. Conditions that do not meet the threshold to be considered a REC but nonetheless represent a significant existing and/or likely environmental liability; and,
2. De minimis conditions that generally do not present a significant threat and would not be the subject of an enforcement action if brought to the attention of regulatory authorities.

ESI's findings, conclusions and recommendations are presented in Section 4.0 of this Phase I ESA and are summarized below.

Subject Property Description and History

The subject property is an approximately 0.9- acre manufacturing parcel located in an urban setting. Historical building department records indicate the subject property was first developed as early as 1913, and the current structure was likely built in 1952; historical Sanborn maps, however, indicate on-site development between 1950 and 1970. The subject property has been used for clothing manufacturing (1952 to at least 1983), lighting fixture manufacturing (circa 1983 to 1991), and electrical manufacturing (1991 to present). Electrical manufacturing likely used regulated hazardous wastes including methyl ethyl ketone, non-halogenated solvents, still bottoms, and spent solvent mixtures. The potential exists that debris from the demolition of former on-site structures may be present in the subsurface (such debris could contain lead based paint, asbestos, or other regulated materials). Historical use of the property may have impacted subject

Recognized Environmental Condition

RECs Identified in Connection with the Subject Property	Recommendations
Former industrial and commercial uses of the subject property, including electronics manufacturing, which included the production of regulated hazardous materials.	It is recommended that a soil-gas survey be performed to determine the presence of absence of contamination from historical manufacturing use.

HRECs and Significant Existing or Potential Environmental Liabilities

ESI has identified no HRECS or conditions indicating significant existing or potential environmental liabilities

De Minimis Conditions

Identified or Suspect Condition	Recommendations
The presence of paints and chemicals	Properly store containers; maintain appropriate absorbent materials in all areas where releases could potentially occur
Asbestos-containing materials (ACM) and lead-based paint (LBP)	Test suspect material encountered during maintenance, renovation, or demolition for ACM and/or LBP; handle all known or suspect materials in accordance with applicable regulations
Fluorescent light fixtures and air-conditioning equipment which may contain PCBs	Test suspect material encountered during maintenance, renovation, or demolition for PCBs; handle all known or suspect materials in accordance with applicable regulations

1.0 INTRODUCTION

1.1 Purpose of the Investigation

This Phase I Environmental Site Assessment (Phase I ESA) identifies recognized environmental conditions (RECs) and/or other significant environmental liabilities resulting from or associated with the storage, use, transport, or disposal of hazardous or regulated materials on the property located at 11-22 45th Road, Queens, New York City, New York (property descriptions are presented in Sections 2.1 and 3.3.2).

1.2 Methodology

This Phase I ESA has been prepared in conformance with guidelines set forth by the American Society for Testing and Materials (ASTM) Method E1527-13 (no exceptions to or deletions from this practice have occurred). The detailed Scope of Services adhered to in this investigation is provided as Appendix H. This environmental site assessment was performed under the direct supervision and responsible charge of a qualified environmental professional (see Appendix G), following the requirements for "all appropriate inquiry" as defined in 40 CFR Part 312.

Ecosystems Strategies, Inc. (ESI) performed the following work:

1. Investigation of the subject property's history and characteristics through the analysis of available historical maps, local and regional maps, local governmental and/or Tribal records, and information provided by subject property representatives and other knowledgeable individuals (see Section 5.0 for references).
2. Review of Federal, State, and/or Tribal regulatory-agency computer databases and printed records for documentation of potential environmental liabilities relevant to the property, consistent with (or exceeding) applicable ASTM requirements.
3. Inspection of the property by Jerry Bernau of ESI on June 3, 2014 (Lisa Lee, representing the property owner, was present during the site inspection).

1.3 Limitations

This Phase I ESA is an evaluation of the property described in Section 2.1 below and is not valid for any other property or location. It is a representation of the property analyzed as of the dates that services were provided. This Phase I ESA cannot be held accountable for activities or events resulting in environmental liability after the respective dates of the site inspection or historical and regulatory research.

This Phase I ESA is based in part on certain information provided in writing or verbally by federal, state, and local officials (including public records) and other parties referenced herein. The accuracy or completeness of this information was not independently verified. Unless specifically noted, the findings and conclusions contained herein must be considered not as scientific certainties, but as probabilities based on professional judgment.

1.4 Key Definitions

Definitions of some common terms found in ASTM Standard 1527-13, as used in this Phase I ESA, are provided below.

Practically Reviewable

Information that is provided by a source in a manner and in a form that yields information relevant to the property without the need for extraordinary analysis of irrelevant data is Practically Reviewable. Records must be for a limited geographic area. Records arranged chronologically, lacking adequate address information to be located geographically, in large databases that are not sorted by zip code, or are so numerous to be unmanageable are not generally practically reviewable (i.e. data cannot be feasibly reviewed for its impact on the property).

Reasonably Ascertainable

Information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable is Reasonably Ascertainable.

Recognized Environmental Condition (REC)

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

A material threat is a physically observable or obvious threat which is reasonably likely to lead to a release that is threatening and might result in impact to public health or the environment.

The term includes hazardous substances or petroleum products even under conditions in compliance with laws.

De minimis conditions (i.e. conditions that generally do not present a threat to human health or the environment and would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies) are not RECs.

Controlled Recognized Environmental Condition (CREC)

A REC resulting from a past release that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (legal or physical restrictions or limitations on the use of, or access to, a site or facility to reduce or eliminate potential exposure to remaining contaminants, or to prevent activities that could interfere with the effectiveness of a response action).

Historical Recognized Environmental Condition (HREC)

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).

2.0 SITE LOCATION AND DESCRIPTION

2.1 Description of the Subject Property

The subject property as defined in this Phase I ESA consists of the approximately 0.9-acre property located at 11-22 45th Road, Queens, New York City, New York (identified as Borough of Queens tax lot parcel: Block 54, Lot 13). A Site Location Map is provided on Page 7.

The property is an irregularly-shaped parcel located on the northern side of 46th Avenue and the southern side of 45th Road. A single-story industrial building is located on the majority of the property. A small loading area is located on the southeastern corner of the subject property. A map illustrating the layout of the property is provided on Page 8 and photographs of the property are provided in Appendix A.

2.1.1 Site Topography

Information on the subject property's topography was obtained from the review of the United States Geological Survey Topographic Map of the Brooklyn, New York Quadrangle (a copy of the relevant portion of this map, with the subject property indicated, is provided in Appendix B).

The property is located within an area with gentle downward slopes to west, towards the East River. The property is shown with a surface elevation of 10 feet above mean sea level. No on-site structures are depicted on the map (the property is located in an urban area where only selected landmark buildings are depicted). The map did not indicate the presence of any soil/gravel mining operations or unusual topographic patterns indicative of landfilling activities on the subject property.

Observations made during the site inspection are in general agreement with conditions and features depicted on the topographic map.

2.1.2 Site Geology

A review of the Geologic Map of New York and the Surficial Geologic Map of New York (lower Hudson sheets) indicates that soils on the subject property are likely to be derived from glacial till, which overlie hard crystalline bedrock. Soil maps presented in the New York City Reconnaissance Soil Survey (Soil Survey), issued by the New York City Soil and Water Conservation District, indicate that the Pavement & Buildings, wet substratum-Laguardia-Ebbets complex, 0 to 8 percent slopes is present at the subject property. The Pavement & Buildings wet substratum-Laguardia-Ebbets complex consists of urbanized land with a mix of natural soil and fill materials constructed over swamp, tidal march, or water, with up to 80 percent impervious structures covering the surface. [Note: the Soil Survey provides only a general guide to soil patterns across the city.] The presence of an on-site structure suggests that soils located on the property may have been altered by cutting, regrading and/or filling activities.

The Soil Survey does not provide information regarding depth to bedrock for these soils. No bedrock was observed on the property.

A Limited Phase II Environmental Site Assessment issued for the adjoining property to the west in March 2013 (see Section 3.1.7, Previous Environmental Reports) documented subsurface material consisting of sand and gravel material with a boggy organic-rich layer in the vicinity of the subject property.

No other information regarding site-specific investigations of the subsurface (e.g., test pits or borings) was found in readily available records or was provided by subject property representatives.

2.1.3 Subsurface Hydrogeology

The Soil Survey does not specifically indicate groundwater depth information for on-site soils. A Limited Phase II Environmental Site Assessment issued for the adjoining property to the west in March 2013 (see Section 3.1.7, Previous Environmental Reports) documented that groundwater is present in the vicinity of the subject property at 10 feet below surface grade (bsg). No other data documenting groundwater depth, or site-specific investigation of groundwater direction of flow, has been reviewed by this office. Shallow groundwater flow in the vicinity of the property is likely to follow overall surficial topography and be to the west, toward the East River (located approximately 0.2 mile from the property).

2.1.4 Surface Hydrology and Wetlands

Information regarding on-site surface hydrology was obtained from the review of applicable maps, including the New York State Department of Environmental Conservation (NYSDEC) Freshwater Wetlands Map and the United States Department of the Interior National Wetlands Inventory Map, and from observations made during the site inspection. According to these sources, there are no surface waterbodies, wet areas, or regulated wetlands on or near the property. Relevant portions of the state and federal wetlands maps are included in Appendix B.

Flood Plains

According to the National Flood Insurance Program Flood Insurance Rate Map (FIRM) for New York City, New York, community-panel number 3604970202F, the western portion of the subject property is located in a 500-year flood plain.

2.1.5 Sensitive Environmental Receptors

Sensitive Environmental Receptors (SERs) are valued physical, biological and/or man-made features that may be adversely impacted by environmental contamination, and where a discharge or release could pose a greater threat than a discharge or release to other less valued areas. SERs include (but are not limited to) potable supply wells, wetlands, and protected wildlife habitat.

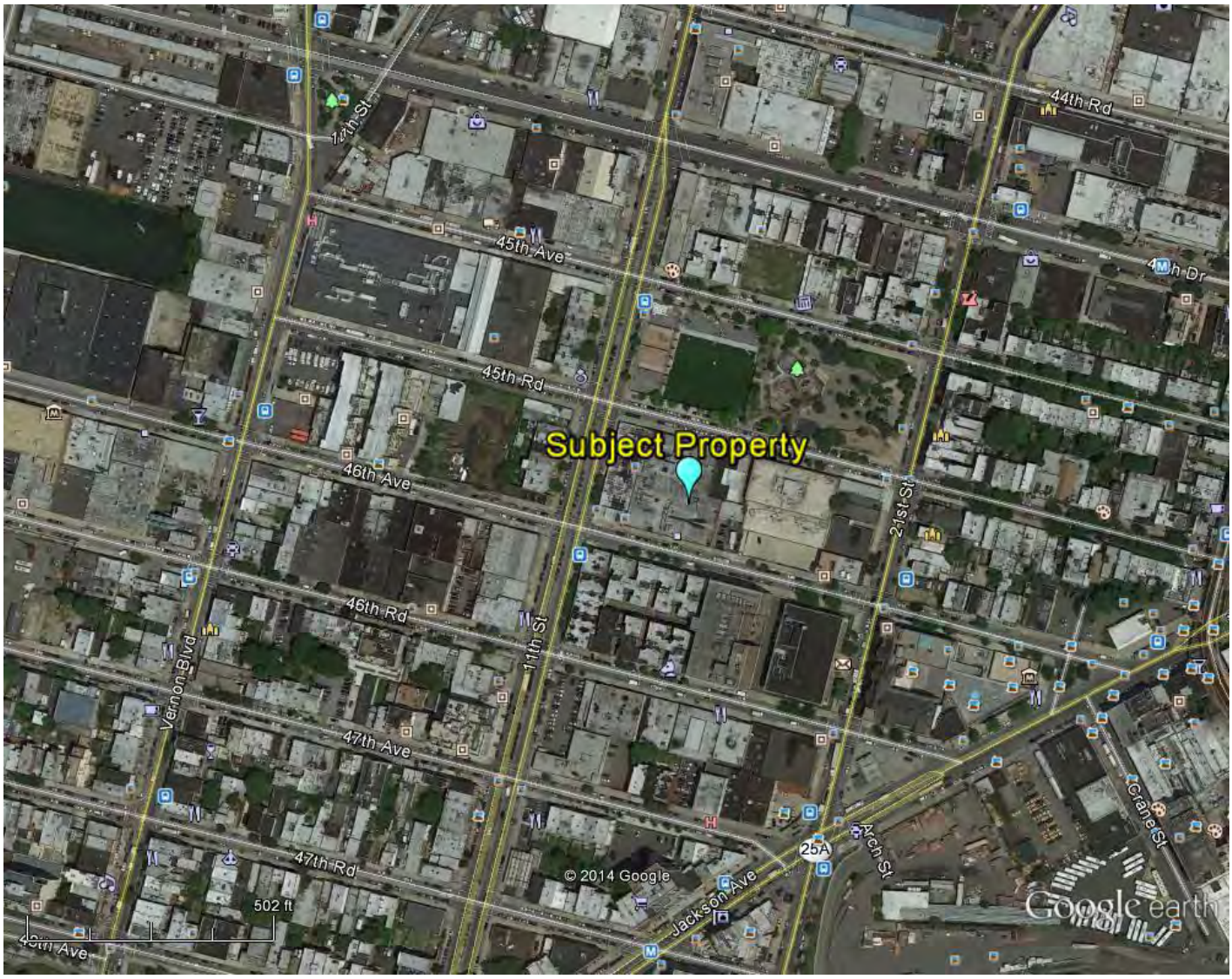
The review of maps and observations made during the site inspection indicate that no SERs are located on or in the immediate vicinity of the subject property.

2.2 Description of Adjoining and Surrounding Area Properties

The subject property is located in an urban area comprised primarily of multi-family residential, commercial, and industrial properties. A description of the adjoining and nearby properties is provided in Table 1, below.

Table 1: Land Uses in the Vicinity of the Subject Property

Direction	Adjoining Use(s)	Vicinity Use(s)
North	• John F. Murray Playground	• Commercial • Residential
East	• Manufacturing • Science of the Soul Study Center	• Commercial • Residential
South	• Multi-family residential • Commercial	• Commercial • Residential
West	• Warehouse	• Commercial • Residential

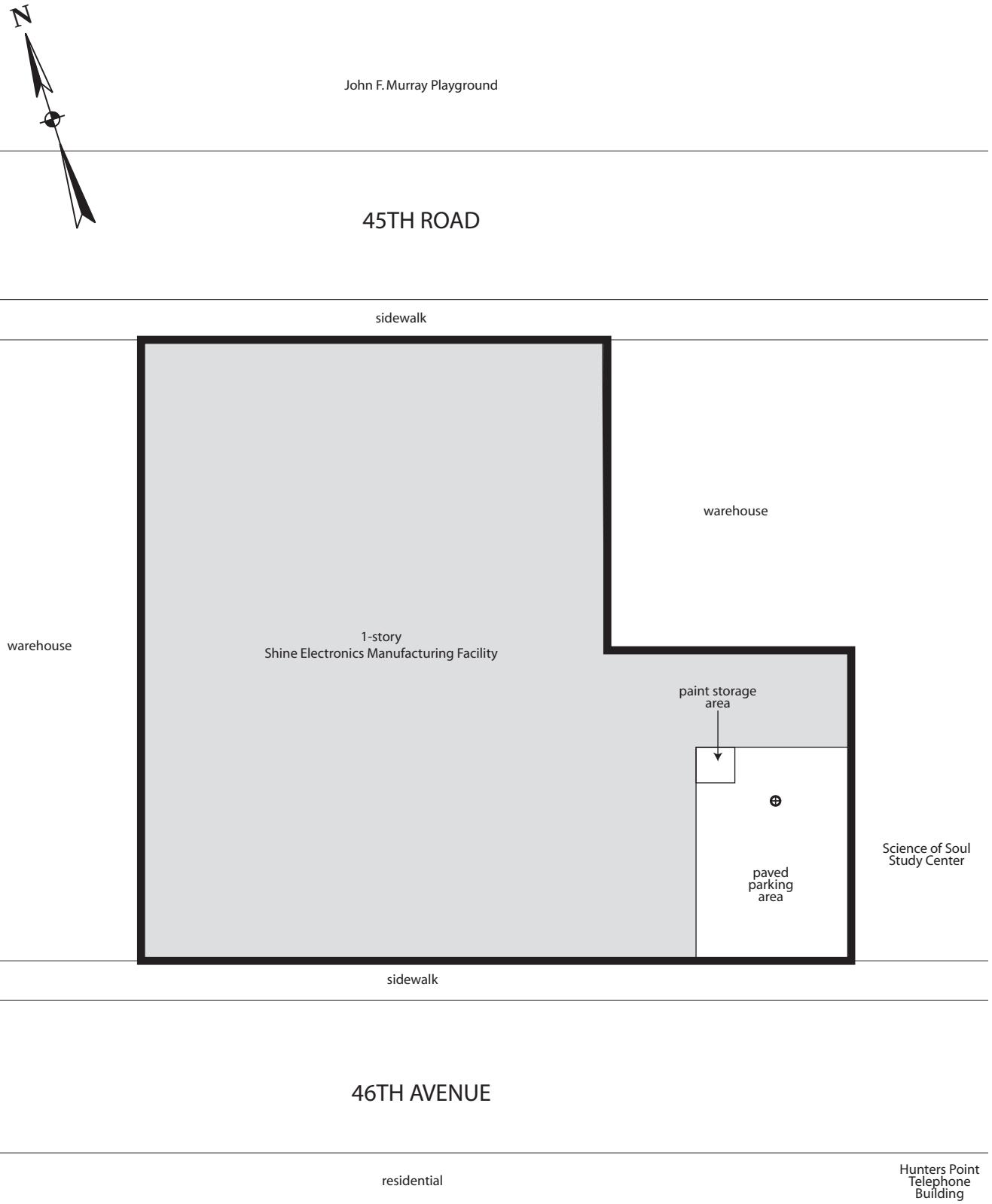


Site Location Map
11-22 45th Road
Long Island City
Borough of Queens
New York City, New York

N

ESI File: GQ14077.10

June 2014



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

Selected Site Features Map

11-22 45th Road
Long Island City, New York

Legend:

- subject property border
- storm drain

ESI File: GQ14077.10

June 2014

Scale:1" = 45' approximately

3.0 INVESTIGATION

3.1 Site History

The history of the subject property was researched using interviews with knowledgeable individuals, and reviews of ownership records, historical maps, and local records. This review included both standard ASTM environmental record sources and additional sources (if such sources were judged to be reasonably ascertainable and sufficiently useful, accurate, and complete in light of the objective of the records review). Refer to Sections 3.1.3, 3.1.4 and 3.3.2.1 for Site Ownership and Site Use information.

ASTM Practice E 1527-13 requires that all obvious uses of the property must be identified from the present back to the property's first developed use (inclusive of agricultural activities), or back to 1940, whichever is earlier. This requires reviewing only as many historical sources as are necessary and both reasonably ascertainable and likely to be useful. As an example, if the property was not developed until 1960, it would still be necessary to attempt to confirm that it was undeveloped back to 1940.

Available historical data document that the property was undeveloped as early as 1898, and was first developed as early as 1913 (likely for industrial use) [Sanborn maps, however, indicate on-site development between 1950 and 1970] (see Sections 3.1.1 through 3.1.7, below, for details regarding site history).

3.1.1 User-Reported Information

ASTM Practice E 1527-13, Section 6, requires that the User (the party seeking to complete the environmental site assessment of the property) provide specific information to the Environmental Professional in order to meet the requirements for "all appropriate inquiry."

Michael Orlandi, representing GDC Properties (the User), has responded to a questionnaire provided by ESI, which requested information regarding the subject property as specified in Section 6. Mr. Orlandi indicated that he is aware of previous environmental reports prepared for the subject property in July 2007 and a report prepared for the adjoining property to the west in March 2013 and provided a copy of them for review (see section 3.1.7, Previous Environmental Reports). Mr. Orlandi had no other specialized knowledge or experience, actual knowledge, or knowledge of commonly known or reasonably ascertainable information regarding: 1) information material to recognized environmental conditions or other environmental liabilities in connection with the property; 2) the results of a review of title and/or judicial records for environmental liens/AULs; or, 3) reason(s) for a purchase price that does not reasonably reflect fair market value because of known or suspected contamination.

Mr. Orlandi did not state the reason why GDC Properties wanted to have the Phase I Environmental Site Assessment performed, and ESI therefore assumes that the reason is to qualify for one or more Landowner Liability Protections (LLPs) to CERCLA liability.

3.1.2 Interview with Key Site Manager

Lisa Lee (representing the property owner) was identified by Michael Orlandi as a Key Site Manager for the subject property. Ms. Lee was interviewed by ESI personnel regarding the topics detailed in the User Questionnaire (see Section 3.1.1, above), and was additionally asked to provide specific information regarding property features, site history and use, and commonly known information related to the property. Ms. Lee provided ESI personnel with information regarding on-site utilities as well as the recent history of the property. Ms. Lee indicated the subject property was utilized by a lighting fixture company prior to her company's ownership of it (1991). According to Ms. Lee the property is the site of a company which deals in cellular phone refurbishment and electronics. Ms. Lee indicated that a portion of the

subject property was used as a painting facility for electronics. Paint and paint thinner for the spray booth is located in a storage area in the parking lot. Ms. Lee had no other specialized knowledge or experience, actual knowledge, or knowledge of commonly known or reasonably ascertainable information regarding potential environmental conditions and/or liabilities in connection with the property. Pertinent information from this interview is provided in relevant report sections, where appropriate.

3.1.3 Ownership Records

Property ownership information, based on interviews with Lisa Lee, a review of a title search provided by Michael Orlandi and New York City computerized City Register records is presented in Table 2, below.

Table 2: Ownership Information

Parcel ID	Owner	Date of Conveyance
Block 54, Lot 13	Eunhasu Corporation	9/21/2005
	New York City Industrial Agency	Unknown
	Goldstar Electronic International	4/27/1993
	Park, Kyu H.	Unknown
	Brum, Douglas	6/27/1991
	Brum, Joseph	Unknown
	NYC Industrial Development Agency	5/28/1986
	Brum, Douglas	5/27/1986
	Brum, Gussie	Unknown

3.1.4 Sanborn Fire Insurance Maps

A summary of the information obtained from the review of historical Sanborn Fire Insurance Company Maps dated 1898, 1915, 1936, 1947, 1950, 1970, 1977, 1979, 1980, 1985, 1986, 1988 to 1996, 1999, and 2001 to 2006 is provided below. Copies of relevant Sanborn maps (with the subject property indicated) are provided in Appendix C.

1898: Municipal water is available to the property. No petroleum or chemical bulk storage tanks are noted on the subject property, adjoining properties, or in the surrounding area. The subject property and adjoining properties consist of vacant lots, likely intended for residential development. The surrounding area is moderately developed with residential structures.

1915: There are no significant changes on the subject property or adjoining properties. The surrounding area is increasingly well developed with residential structures and is interspersed with commercial and manufacturing use.

1936: There are no significant changes on the subject property. The adjoining property to the south consists of several four-story residential structures and the five-story "Hunters Point Telephone Building." These structures match the current adjoining structures to the south in shape and location. The surrounding area is well developed with residential structures and is interspersed with commercial and manufacturing use.

1947: There are no significant changes on the subject property, adjoining properties, or the surrounding area.

1950: There are no significant changes on the subject property. The subject property is now adjoined to the northeast by a single story structure containing knitting machinery, storage, and repair. This structure matches the current adjoining structure to the northeast in shape and location. A plastics manufacturing plant is now located in the area to the east of the subject property. The surrounding area is increasingly well developed with manufacturing use.

1970: The subject property now contains a single story structure used for clothing manufacturing and paper coating and storage. This structure matches the current structure in shape and location. The adjoining property to the north is now designated as the "John F. Murray Playground." The adjoining property to the east now contains a large single story structure, likely for manufacturing or commercial use, and a parking area. The adjoining properties to the southwest and west now contain single story structures (a portion of the adjoining property to the west contains a two story structure), likely for manufacturing or commercial use. These structures match current adjoining structures to the east, west, and southwest in shape and location. The surrounding area is now very well developed with both residential, commercial, and manufacturing use.

1977: There are no significant changes on the subject property. The adjoining property to the northeast (formerly noted as containing knitting machinery, storage, and repair) is now a warehouse. The adjoining property to the southwest is now noted with manufacturing use. The adjoining property to the west is now noted with commercial use. There are no other significant changes on adjoining properties or the surrounding area.

1979: There are no significant changes on the subject property. The adjoining property to the east is now utilized for office and warehouse purposes. There are no other significant changes on adjoining properties or the surrounding area.

1980: There are no significant changes on the subject property. The adjoining property to the north is now noted as "John F. Murray Playground". There are no other significant changes on adjoining properties, or the surrounding area.

1985-1991: There are no significant changes on the subject property, adjoining properties, or the surrounding area.

1992: The subject property is no longer noted as containing clothing and paper manufacturing. No significant changes are noted on adjoining properties or the surrounding area.

1993-2006: There are no significant changes on the subject property, adjoining properties, or the surrounding area.

3.1.5 City Directory Abstracts

A review of city directory abstracts for 1934, 1939, 1945, 1950, 1962, 1967, 1970, 1976, 1983, 1991, 1996, 2000, 2005, 2008, and 2013 indicates the subject property as the location of the following organizations:

- Florelee Undergarment Co., Inc. in 1967, 1970, and 1983.
- Compucare Micro Systems Inc. and Gold Star Electronics International Inc. in 1991
- Shine Electronics, Inc. in 2000 and 2005
- Tel Ko Electronics Inc. in 1991 and 2008

The city directory abstracts indicate the adjoining properties to the west, southwest, and east as past and present commercial, manufacturing and/or industrial sites. The adjoining properties to the south are noted as past and present residential sites.

No other information pertinent to the environmental integrity of the subject property was present in these records. A copy of the City Directory Abstracts is provided in Appendix D.

3.1.6 Municipal and Regulatory Agency Records

City Register Records

New York City Register computerized ownership records for the subject property were reviewed on May 28, 2014. No information pertinent to the environmental integrity of the subject property was contained in these records. A summary of the readily available property ownership information is provided in Table 2.

Assessor's Office Records

New York City Assessor's Office computerized data for the subject property were accessed on May 28, 2014 using the Center for Urban Research's Open Accessible Space Information System (OASIS). According to these records, the subject property contains a single story industrial structure built in 1948. No other information pertinent to the environmental integrity of the subject property was present in these records.

Building Department Records

Block and Lot Records

New York City computerized Building Department Block and Lot records for the subject property were reviewed on May 28, 2014. Summary lists of Building Department permits/documents indicate an on-site building was altered as early as 1913 and new building permits were issued in 1948 and 1950. A certificate of occupancy was issued for on-site manufacturing use in 1952. No other pertinent records were noted.

The subject property is not indicated as a "Little 'E' Restricted" site.

Environmental Control Board (ECB) Violations

A review of computerized Building Department records indicates there are no open ECB violations relating to the environmental integrity of the subject property.

Local Agency Interviews

Health Department

A request was made on May 28, 2014 to search available New York City Department of Health and Mental Hygiene records for information regarding the subject property. No response from this agency has been received by this office as of the date of this Phase I ESA.

New York State Department of Environmental Conservation Records

A request was made on June 10, 2014 to search available New York State Department of Environmental Conservation (NYSDEC) Records for information regarding the subject property. No response from this agency has been received by this office as of the date of this Phase I ESA.

3.1.7 Previous Environmental Reports

ESI was provided with a copies of a Phase I ESA prepared for the subject property by Middleton Environmental, Inc. (MEI) in July 2007 and a Limited Phase II Environmental Site Assessment prepared for the adjoining property to the west by P.W. Grosser Consulting, Inc. in March 2013

Relevant information from these document is cited in this Phase I ESA as appropriate.

The MEI Phase I did not identify any environmental concerns on the subject property or adjoining properties.

The Limited Phase II Environmental Site Assessment documented subsurface soils consisting of sand and gravel with a boggy organic-rich layer, and the presence of groundwater at 10 feet bsg in the vicinity of the subject property

Copies of these reports is provided in Appendix E.

3.2 Review of Federal and State Agency Records

Federal and state computer databases and printed records were reviewed for documentation of environmental conditions and/or liabilities relevant to the property.

3.2.1 Methodology

The following ASTM Standard Environmental Record Sources (as available for the subject property's locality) were reviewed (search distances are consistent with, or exceed, ASTM requirements).

Federal National Priority List (1.0 mile) and delisted National Priority List sites (0.5 mile)
Federal CERCLIS list and CERCLIS NFRAP site list (0.5 mile)
Federal RCRA CORRACTS facilities list (1.0 mile)
Federal RCRA non-CORRACTS TSD facilities list (0.5 mile)
Federal RCRA generators list (subject/adjoining properties)
Federal ERNS list (subject property)
Federal, State, and Tribal Institutional Control / Engineering Control registries (subject property)
State- and Tribal-equivalent NPL (1.0 mile)
State- and Tribal-equivalent CERCLIS (0.5 mile)
State and Tribal Brownfield and voluntary cleanup sites (0.5 mile)
State and Tribal leaking storage tank lists (0.25 mile)*
State (including locally administered) and Tribal registered storage tank lists (subject/adjoining)
State and Tribal landfill and/or solid waste disposal site lists (0.5 mile)

* *The search distance for this ASTM database has been reduced due to the high level of development of the area in which the subject property is located.*

The following Additional Environmental Record Sources (as available for the subject property's locality) were reviewed in order to enhance and supplement the review of standard sources:

State spill file records (0.25 mile)
State MOSF list (0.5 mile)
State radon data (by local municipality as available)
Federal and State wastewater discharge permits (subject/adjoining properties)

A copy of relevant portions of a database search conducted by Environmental Data Resources, Inc. (EDR) for ESI is provided in Appendix F. Not all of the sites contained in the attached database search may be referenced below; some sites may have been excluded based on either ASTM requirements, ESI's scope of services or professional opinion, and/or information obtained during the review of historical records and the site inspection. Some information may have been deemed to not be practically reviewable (e.g., records lack adequate address information). Sites or additional information not included in the database search may also be referenced based on ESI's knowledge of the subject property area.

Where sites have been identified within the specified approximate minimum search distances, ESI's opinion is presented as to any possible impacts that might result in RECs in connection with the subject property, arising from the migration of contaminated soil, soil vapor and/or groundwater. Evaluation of potential impacts to the subject property is based on: distance and direction to the identified site; type of regulated materials and other relevant information found in available records; presence of intervening roadways and/or other physical conduits; local physical setting (topography, soil conditions, geology, hydrology, etc.); and other information known to ESI. Potential vapor encroachment conditions, if any, have been evaluated (as warranted) following the methodology provided in ASTM Standard E2600-10, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions.

3.2.2 Findings of Regulatory Records Review

Federal Hazardous Waste-Contaminated Sites

The subject property is not identified on the United States Environmental Protection Agency's (USEPA): National Priority List (NPL) of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions; CERCLIS list of sites that are proposed to the NPL or that are in the screening and assessment phase for possible proposal to the NPL; or CERCLIS No Further Remedial Action Planned (NFRAP) list, which are former CERCLIS sites that were delisted because no significant hazardous waste contamination was found, or because the site has been remediated.

The subject property is not identified on readily available USEPA Institutional Control/Engineering Control registries.

The "Mattheson Lead Co." site (USEPA ID: NYS980531610) is a NFRAP site located 0.16 mile west of the subject property. This is an archive site, which is located down gradient of the subject property. Based on ESI's review of reported information this site is not likely to significantly impact the subject property.

No NPL sites are located within one mile of the property and no CERCLIS sites or other delisted NPL sites are located within a half mile of the property.

State Sites

Inactive Hazardous Waste Disposal Sites

The subject property is not identified on the NYSDEC's Registry of Inactive Hazardous Waste Disposal (IHWD) sites (a state equivalent to the federal NPL), and has not been listed as a site under investigation for inclusion in the IHWDS Registry (a state equivalent to the federal CERCLIS List).

There are nine sites listed within a mile of the subject property. Five sites are active or potential IHWD sites. No action is required at the remaining four sites. The five active sites are located down or cross-gradient of the subject property and are over 0.75 mile from the subject property.

Based on ESI's review of reported information these sites are not likely to significantly impact the subject property.

Voluntary Cleanup, Brownfields Cleanup, and Environmental Restoration Programs

The subject property is not identified as participating in the NYSDEC's Voluntary Cleanup (VCP), Brownfields Cleanup (BCP), or Environmental Restoration (ERP) programs, which are designed to provide NYSDEC oversight of significantly contaminated properties.

Seven BCP and/or VCP sites were identified within 0.5 mile of the subject property.

The "Off-Site Paragon Paint and Varnish Corp." BCP site (Site IDs: 383000, 420294) is located 0.18 mile west of the subject property. This site has a classification code of "1", indicating that it presents a significant threat to public health and the environment. Groundwater and soil vapor contamination from this down-gradient site flow away from the subject property.

This and all other identified sites are closed and/or located down or cross-gradient to the subject property.

Based on ESI's review of reported information, all other identified state sites are not likely to significantly impact the subject property.

Registry of Institutional and Engineering Controls in New York State

The subject property is not identified on the NYSDEC's Registry of Institutional and Engineering Controls in New York State.

Federal Hazardous Waste Handlers

The USEPA Resource Conservation and Recovery Information System (RCRIS) database details facilities that report treatment, storage or disposal of hazardous waste (TSD facilities) or generation or transportation of hazardous waste. Facilities that have been notified by the USEPA to take corrective action with regard to their handling of hazardous waste are classified as CORRACTS facilities.

CORRACTS and/or TSD Facilities

The subject property is not registered with the USEPA as a CORRACTS and/or TSD facility for hazardous waste or materials.

Three CORRACTS facilities are located within one mile of the property.

The "Kosan Industrial Corporation" facility (USEPA ID: NYD061949228) is located 0.18 mile west of the subject property. This paint manufacturing facility has been assigned a low corrective action priority and is located down gradient to the subject property.

Two other CORRACTS facilities were identified over 0.75 mile from the subject property, both sites are located cross and/or down-gradient of the subject property.

Based on ESI's review of reported information these facilities are not likely to significantly impact the subject property.

No other CORRACTS sites are located within one mile of the property and no other TSD sites are located within a half mile of the property.

Generators or Transporters (Non-CORRACTS)

The subject property address is registered with the USEPA as a no longer regulated handler of hazardous waste.

The "Shine Electronic Co. Inc." site (USEPA ID: NYR000149799) is reported at the subject property address. Managed waste material includes lead, selenium, methyl ethyl ketone, non-halogenated solvents, still bottoms, and spent solvent mixtures. This site is identified as a historical generator as of September 27, 2007.

Soil, soil vapor, or groundwater contamination from the use of managed waste at the "Shine Electronic Co. Inc." site may potentially impact the subject property

Two adjoining properties are identified on the generator database.

The "Andrea Radio Corp." site, which adjoins the subject property to the east, is listed on the RCRIS Non-generator database as a handler of hazardous waste. This site was identified as a small quantity generator in November of 1997, and is identified as a historical generator as of January 1, 2006. No other actions are reported on this site. This suggests that this site is no longer generating, or otherwise handling, hazardous waste, and that its inclusion on the database may have been the result of specific cleanup activities that have been completed.

The "Big City Graph-X" site, which adjoins the subject property to the southwest, is listed on the RCRIS Non-generator database as a handler of hazardous waste. No other actions are reported on this site. This suggests that this site is no longer generating, or otherwise handling, hazardous waste, and that its inclusion on the database may have been the result of specific cleanup activities that have been completed.

Based on ESI's review of reported information, this adjoining sites are not likely to significantly impact the subject property.

Landfills and Solid Waste Disposal Facilities

The NYSDEC's Facility Register does not list the subject property as an active or inactive landfill or solid waste disposal facility.

Two construction and demolition processing facilities have been identified within 0.5 mile of the subject property. The "C&H Sand and Stone Corporation/ United Waste Removal" site (Site IDs: 41W87, 41T67) is located 0.15-mile southeast of the subject property. The facility is also registered as a transfer station. The "Berlin Wrecking Ltd." site (Site ID: 41W73) is located 0.38 mile south of the subject property.

Based on ESI's review of reported information these sites are not likely to significantly impact the subject property.

Chemical Bulk Storage (CBS)

A review of NYSDEC records indicates that the subject property and adjoining properties are not registered as CBS facilities. Observations made during the site inspection did not indicate the presence of chemical bulk storage on the subject property or at adjoining properties.

Petroleum Bulk Storage

Subject Property

A review of the NYSDEC petroleum bulk storage (PBS) database indicates that the subject property is not registered as a PBS facility. No evidence of aboveground or underground PBS tanks was noted on the subject property during the site inspection.

Adjoining Properties

A review of the NYSDEC PBS database indicates that four adjoining properties are identified as PBS facilities:

The property at 11-40 45th Road, which adjoins the subject property to the east, is an unregulated PBS facility (PBS Number: 2-195383) which contains a 10,000-gallon, closed in-place, #2 fuel-oil underground storage tank (UST). The tank was installed in 1968, tightness tested in 1998, and closed in 1999.

The property at 11-24 46th Avenue, which adjoins the subject property to the south, is a PBS facility (PBS Number: 2-069450) containing a 2,000-gallon, #4 fuel-oil above ground storage tank (AST), which was installed in 1936.

The property at 11-14 46th Avenue, which adjoins the subject property to the south, is a PBS facility (PBS Number: 2-197246) containing a 3,000-gallon, #2 fuel-oil AST, which was installed in 1985.

The property at 46-09 11th Street, which adjoins the subject property to the southwest, is an unregulated PBS facility (PBS Number: 2-610180) which contained a 2,000-gallon #2 fuel-oil AST in a concrete vault. This tank was installed 1957, and removed in 2006.

No open NYSDEC spill events are reported for these adjoining properties

Fill ports and vent pipes were observed at several adjoining residential properties to the south, and the adjoining property to the west. These fill ports and vent pipes are likely to service ASTs located in the basements of these structures. These adjoining sites are not likely to impact the environmental integrity of the subject property.

Major Oil Storage Facilities

The subject property is not listed with the NYSDEC as a major oil storage facility (MOSF).

One MOSF has been identified within 0.5 mile of the property. The “Ditmas Oil—Long Island City” site (MOSF ID: 2-2020) is located 0.46 mile south of the property at 53-02 11th Street. Records indicate that all reported tanks on this property are currently empty.

Based on ESI’s review of reported information this site is not likely to significantly impact the subject property.

Federal Chemical and Petroleum Spills

The USEPA Emergency Response Notification System (ERNS) database details initial reports of releases of oil and hazardous substances as reported to federal authorities. There are currently no chemical or petroleum spills on record for the subject property.

State Chemical and Petroleum Spill and Leaking Underground Storage Tank Events

NYSDEC database records were reviewed to determine possible impacts from leaking tanks and other reported releases within a quarter mile of the subject property. One spill event is known to have occurred at the subject property. The following spill events are reported for the subject property and adjoining properties:

Spill File ID and Status	Location	Material Spilled	Spill Date (Closure Date)	Spill Details
0201928 – closed	11-15 46th Ave. (subject property address)*	fuel oil, quantity unknown	May 23, 2002 (January 31, 2006)	sidewalk spill and in basement, spill from fuel line leak
9709898 – closed	11-40 45th Road (adjoining property to the east)	#2 fuel oil, quantity unknown	November 25, 1997 (December 17, 2002)	tank test failure
0510695 – closed	46-09 11th Street (adjoining property to the south)	#2 fuel oil, 15 gallons	December 13, 2005 (December 16, 2008)	leaking tank, floor washed, tank replaced, no testing

*11-15 46th Ave. is identified on New York City online records as the being the address of the subject property tax lot.

Spill number 0201928 was reported for the subject property address, however, the database indicates that the release was in a basement (the subject property has no such structure), it is not likely that this spill occurred on the subject property, this spill is likely associated with a residential structure to the south. It is unlikely that this or any other reported spill events have impacted the subject property.

Air Discharges

The “Shine Electronics” site (USEPA ID: 110019384682), which is registered at the subject property address, is reported as an electrical repair shop with potential uncontrolled emissions of less than 100 tons/year. This site is reported as being in compliance with procedural requirements. According to Ms. Lee, this designation is likely related to the on-site use of a spray booth used to paint electronic equipment.

Wastewater Discharges

No USEPA National or NYSDEC State Pollutant Discharge Elimination System (NPDES or SPDES) permit was identified for the subject property. No operations likely to require a NPDES or SPDES permit were noted on the subject property. According to observations made during the site inspection, the subject property is connected to the municipal wastewater system. No adjoining properties are registered as NPDES or SPDES facilities.

Radon

Information on radon levels was obtained from New York State Department of Health (NYSDOH) documents. No regulatory standards for radon levels currently exist in New York State. The USEPA has established a guidance value (the level where mitigation measures may be appropriate) for radon

concentrations of 4.0 or greater picoCuries/liter (pCi/l). Other regulatory authorities (e.g., OSHA) have established guidance levels that are directly related to specific site activities (a determination as to applicable radon guidance levels is beyond the scope of this Phase I Environmental Site Assessment). A summary of available radon information for the subject property's vicinity is provided below in Table 3.

Table 3: Basement Radon Levels in Vicinity of Subject Property
All radon levels provided in picoCuries/liter (pCi/l)

NYSDOH Radon Information	Borough of Queens	New York City
Number of Homes Tested	513	1,364
Average Radon Level	0.77	0.9
Percent of Homes >4.0 pCi/l	3.5	6.4

These average radon levels are below the USEPA's guidance value of 4.0 pCi/l and less than 10% of the homes tested in the subject property's vicinity had levels in excess of this guidance value. These data support the conclusion that elevated radon levels are not likely to be present on the subject property.

3.3 Site Inspection

3.3.1 Protocol

The site inspection was conducted on June 3, 2014 in order to address any potential concerns raised during the investigation of the site's history (Section 3.1) and the regulatory agency records review (Section 3.2), and to identify any additional indications of contamination from the use, storage, or disposal of hazardous or regulated materials. To the extent possible, site structures, vegetation, topography, surface waters, and other relevant site features were examined for any obvious evidence of existing or previous contamination or unusual patterns (e.g., vegetative stress, soil staining, surface water sheen, or the physical presence of contaminants), which would indicate that the environmental integrity had been or could be impacted.

Section 3.3.2 describes the physical characteristics of the subject property. Section 3.3.3 is divided into topics on specific environmental conditions or concerns, actual or potential, noted on the subject property during the site inspection. Section 3.3.4 describes the physical characteristics of adjoining properties as they concern the potential or actual environmental condition of the subject property.

A Selected Site Features Map illustrating the general layout of the subject property and the locations of specific areas of concern (if any) is provided on Page 8. Photographs of the subject property are provided in Appendix A.

3.3.2 Physical Characteristics of the Subject Property

3.3.2.1 Property

The subject property is an irregular-shaped, approximately 0.9-acre parcel, which has 230 feet of frontage on the northern side of 46th Avenue and 150 feet of frontage on the southern side of 45th Road. A single-story masonry structure occupies the majority of the property. The remainder of the property consists of a paved parking area. The structure defines all property borders with the exception of the paved parking area, where the border is defined by a chain-link fence.

3.3.2.2 Structures

The on-site building is a single-story masonry structure with a flat roof. Exterior siding is brick and the roof is covered by asphaltic materials. City of New York Assessor's Office records indicate that the building dates from 1903; Sanborn maps, however, suggest a construction date between 1917 and 1942. Interior floors are covered with concrete, ceramic, and 12' by 12' vinyl floor tiles. Walls and ceilings are generally covered with wallboard.

Potable Water Supply

According to available information, the subject property is serviced by the municipal water system. No water supply wells were noted on the subject property during the site inspection and no on-site uses of groundwater are known to exist for the subject property.

Sewage Disposal System

According to available information, the on-site structure is connected to the municipal sewer system.

Heating/Cooling

The on-site structure is heated with hot air generated by natural gas-fired units located on the roof. Cooling is provided by roof-mounted air conditioning units. Electric water heaters are located on an elevated ledge in the center of the building.

3.3.3 Specific On-Site Environmental Conditions

Debris Areas

No significant quantities of debris were noted on the subject property.

Petroleum Storage

Several dozen containers of asphalt were noted on the roof of the in-site structure. Several small containers of petroleum products (lubricants, etc.) are located in the exterior storage area. No staining or other evidence of a release from these containers was observed. No other small quantities of petroleum products, aboveground storage tanks or indications of underground petroleum storage tanks (e.g., fill ports or vent pipes) were observed on the subject property.

Chemical Storage

Two empty 55-gallon drums were noted in an exterior storage area. According to Ms. Lee, these drums contain paint and paint thinner associated with electrical refurbishment on the subject property. Several small containers of cleaning chemicals were noted in various portions of the property, isopropyl alcohol is used on-site to clean electronics. No staining or other evidence of a release from these containers was observed during the site inspection. No other small quantities of chemical products, aboveground chemical storage tanks or indications of underground chemical storage tanks (e.g., fill ports or vent pipes) were observed on the subject property.

Asbestos-Containing Materials

Asbestos-containing materials (ACM) are those materials containing over 1% of any type of asbestos. The presence or absence of asbestos within a material can only be determined through the physical analysis of material samples.

Asbestos has been incorporated into a wide variety of building products based on its thermal and resilient qualities, including insulation, flooring, siding, roofing, plaster/joint compounds, caulking, ceiling tiles, textured paints and pipewrap. Although ACM are no longer used as extensively as they were prior to the 1970s (when the federal government began regulating and/or prohibiting the use of ACM in specific applications), asbestos may still be found in common building products used today, such as cement products, roofing and vinyl floor tile.

According to Lisa Lee, no asbestos survey of the subject property has been conducted. Suspect ACM noted during the site inspection included 12" by 12" vinyl floor tiles, asphalt roofing, pipewrap (two feet), and dropped acoustic ceiling tiles. All materials appeared to be in good condition. Other building construction materials not readily observable during the site inspection (e.g., mastics, pipe insulation present within walls, etc.) could also contain asbestos.

Lead-Based Paint

The presence or absence of lead-based paint (paint containing 0.5% lead by weight) can only be determined through the material analysis of paint samples. However, given that the manufacture of lead-based paint (LBP) has been regulated since 1978, a building's date of construction is often used to help assess the likelihood that LBP was used during initial construction and/or subsequent maintenance work. The presence of deteriorated paint is indicative of a potential health risk in that paint dust and chips containing lead could be inhaled and/or ingested.

According to Lisa Lee, no lead-based paint survey of the subject property's structures has not been conducted. The date of construction of the on-site building (circa 1952) indicates that LBP is likely to have been used; however, in the absence of a LBP survey, no definitive statement can be made by this office regarding the presence or absence of LBP on the subject property.

All of the painted surfaces in the areas inspected by this office were in good condition at the time of the site visit.

Wastewater Discharges

The term "wastewater" indicates water that: (1) is or has been used in an industrial or manufacturing process; (2) or is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant; (3) or conveys or has conveyed sewage (water originating on or passing through or adjacent to a site, such as stormwater flows, is not generally considered to be wastewater). No evidence of wastewater discharges into drains, ditches, or streams on or adjacent to the property was observed on the subject property.

Interior Floor Drains/Sumps/Conduits

No interior floor drains, sumps, or other potential significant conduits to the subsurface were noted on the subject property.

Stormwater Management and Exterior Drains/Sumps/Conduits

A stormwater drain is located in the parking lot. No staining, odors, or other evidence of contamination was noted in or near any of the drains. It is likely that the stormwater drain leads to the municipal stormwater system No other exterior stormwater catch basins, drains, sumps, or other potential significant conduits to the subsurface, or indications of liquid discharges into drains, ditches, or streams on or adjacent to the property, were observed on the subject property.

Staining/Corrosion/Leaks

No evidence of corrosion, leaks, or staining (indicative of an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products onto the subject property, including the on-site structure and paved areas) was observed during the site inspection.

Topographic Irregularities

No overt topographic irregularities (e.g., sinkholes or berms) indicative of the presence of non-natural materials (including debris) in the subsurface were observed on the subject property.

Vegetative Features

No overt areas of stressed or dying vegetation indicative of the presence of contaminants in surface or subsurface soils were observed on the subject property.

Pits, Ponds, or Lagoons

No pits, ponds, or lagoons exhibiting evidence (e.g., discolored water, distressed vegetation, obvious wastewater discharge) of holding liquids or sludge containing hazardous substances or petroleum products were observed on the subject property.

Surface Waters

No surface water bodies are located on the subject property.

Odors

No unusual odors indicative of the presence of contamination were noted.

Polychlorinated Biphenyls

An inspection for the presence of equipment likely to contain polychlorinated biphenyls (PCBs) was conducted by this office. PCBs were widely used in equipment such as transformers, capacitors, and hydraulic equipment until 1979 when the USEPA regulated their use in this capacity. Several large heating and cooling units were noted on the roof of the on-site structure, this equipment may contain PCBs.

Large numbers of fluorescent light fixtures, present throughout the on-site structure, may potentially contain PCBs. [Note: Florescent lamp fixtures containing ballasts manufactured before July 2, 1979 are likely contain PCBs, and ballasts manufactured between 1979 and 1998 that do not contain PCBs, should be labeled “No PCBs”. If a ballast is not labeled “No PCBs”, it is prudent to assume it contains PCBs.]

3.3.4 Environmental Concerns at Adjoining and Nearby Properties

Adjoining and nearby properties were observed from the subject property and from public thoroughfares for the purpose of identifying any recognized environmental conditions or other potential environmental concerns.

Fill ports and vent pipes were observed at the adjoining properties to the south and west (see Section 3.2.2, Petroleum Bulk Storage). No staining indicative of prior releases of fuel was observed on or around the fill port or vent pipe on the property to the west during the site inspection. Staining indicative of prior releases of fuel was observed around the fill port and vent pipe on the property to the south during the site inspection.

No other potentially significant environmental conditions were noted on adjoining or nearby properties.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Ecosystems Strategies, Inc. (ESI) has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the property located at 11-22 45th Road, Queens, New York City, New York. Any exceptions to, or deletions from, this practice are described in Section 1.2 of this report.

This assessment has revealed evidence of the following recognized environmental conditions (RECs) in connection with the property:

- Former industrial and commercial uses of the subject property, including clothing and electronics manufacturing, which included the production of regulated hazardous materials

ESI's conclusions and recommendations (in **bold**) regarding any RECs and any other potential environmental liabilities associated with the property are presented below. Cost estimates for any proposed investigations and/or remedial actions are provided in *italics* where appropriate.

1. Historical building department records indicate the subject property was first developed as early as 1913, and the current structure was likely built in 1952; historical Sanborn maps, however, indicate on-site development between 1950 and 1970. The subject property has been used for clothing manufacturing (1952 to at least 1983), lighting fixture manufacturing (circa 1983 to 1991), and electrical manufacturing (1991 to present). The potential exists that debris from the demolition of former on-site structures may be present in the subsurface (such debris could contain lead based paint, asbestos, or other regulated materials).

   No further investigation of historical records is recommended. Any future development activities at the property should be conducted with an awareness of the potential presence of subsurface debris (interspersed with urban soils) and provision should be made for the proper management of any materials that warrant special handling. Subgrade soils are likely to be classified as a regulated solid waste if off-site disposal is contemplated.

   Prior site usage may have included electrical manufacturing, an activity known to use hazardous materials. Historical use of the property may have impacted subject property soils and groundwater.

   It is recommended that a soil-gas survey be performed to determine the presence of absence of contamination from historical manufacturing use.

   Estimated cost of soil-gas survey: $5,000

2. The subject property was identified during the review of regulatory agency record conducted by this office. The property (USEPA ID: NYR000149799) is reported as a historical generator of managed waste material including lead, selenium, methyl ethyl ketone, non-halogenated solvents, still bottoms, and spent solvent mixtures. The property (USEPA ID: 110019384682) is registered as an electrical repair shop with potential uncontrolled air releases of less than 100 tons/year (likely associated with the spray booth). The subject property was not otherwise identified in regulatory records reviewed by this office. No adjoining or nearby properties were identified that are likely to impact the environmental integrity of the subject property.

   No further investigation of historical records is recommended (see, however, Paragraph 1, above).

An environmental condition is considered “de minimis” when that condition generally does not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be de minimis are not recognized environmental conditions. This assessment has revealed evidence of the following de minimis conditions in connection with the property:

3. Petroleum products and chemicals are stored on the subject property. Releases from these containers could potentially impact the property.

   It is recommended that all petroleum and chemical products be properly stored within adequate secondary containment areas and that appropriate absorbent materials be maintained in all areas where releases could potentially occur.

4. Asbestos-containing materials and lead-based paint could potentially be present on the subject property. Suspect asphalt roofing material, vinyl floor tiles, air-cell pipewrap (approximately 2 feet), and dropped acoustic ceiling tiles in good condition were noted during the site inspection. Other building construction materials not readily observable during the site inspection (e.g., mastics) could also potentially contain asbestos.

   No further investigation is recommended. Any suspect material encountered during maintenance, renovation, or demolition activities should be tested for asbestos or lead, or, in the absence of analytical data, be treated as though it contained asbestos or lead. All maintenance, renovation, or demolition activities should be conducted in accordance with applicable regulations.

5. Florescent light fixtures are present throughout the on-site structure which was built prior to 1979. The ballasts of these fixtures are a potential source of PCBs. According to the EPA, ballasts manufactured between 1979 and 1998 that do not contain PCBs should be labeled “No PCBs”. If ballasts are not labeled “No PCBs”, it is best to assume it contains PCBs. The air-conditioning and heating equipment present on the roof of the on-site structure may contain electrical equipment which is a potential source of PCBs.

   Any suspect material encountered during maintenance, renovation, or demolition activities should be tested for PCBs, or, in the absence of analytical data, be treated as though it contained PCBs. All maintenance, renovation, or demolition activities should be conducted in accordance with applicable regulations.

5.0 SOURCES OF INFORMATION

5.1 Maps and Documents

Environmental Data Resources, Inc. (EDR), City Directory Abstracts, dated: 1934, 1939, 1945, 1950, 1962, 1967, 1970, 1976, 1983, 1991, 1996, 2000, 2005, 2008, and 2013.

Environmental Data Resources, Inc. Report, May 21, 2014.

New York City Soil and Water Conservation District, New York City Reconnaissance Soil Survey, online at www.nycswcd.net/soil_survey.cfm

New York State Department of Environmental Conservation, Freshwater Wetlands Map of the Brooklyn, New York Quadrangle, accessed online May 21, 2014 via Environmental Resource Mapper at www.dec.ny.gov.

Middleton Environmental, Inc., Phase I ESA, July 2007.

P.W. Grosser Consulting, Inc., Limited Phase II Environmental Site Assessment, March 2013.

Sanborn Fire Insurance Company Maps, dated 1898, 1915, 1936, 1947, 1950, 1970, 1977, 1979, 1980, 1985, 1986, 1988 to 1996, 1999, and 2001 to 2006.

United States Department of the Interior National Wetlands Inventory Map of the Brooklyn, New York, Quadrangle, dated accessed online May 21, 2014 via www.fws.gov/wetlands/Data/Mapper.html.

United States Geological Survey Topographic Map of the Brooklyn, New York Quadrangle, dated 1995 digital image provided by MyTopo.com.

University of the State of New York, Geologic Map of New York, Fisher, *et al*., editors (dated 1970, reprinted 1995) and Surficial Geologic Map of New York, D. Cadwell, editor (dated 1989), Lower Hudson Sheets.

5.2 Local Agency Records

New York City Assessor's Office computerized records, reviewed May 28, 2014.

New York City Building Department computerized records, reviewed May 28, 2014.

New York City Register computerized records, reviewed May 28, 2014.

New York City Department of Health and Mental Hygiene Records, requested May 28, 2014.

New York State Department of Environmental Conservation Records, requested June 10, 2014.

5.3 Communications

Michael Orlandi, representing GDC Properties (the User), various dates, May and June 2014.

Lisa Lee, representing Shine Electronics (the owner of the subject property), June 3, 2014.

6.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

The following statements are required by 40 CFR 312.21(d) of the environmental professional(s) responsible for conducting and preparing the Phase I Environmental Site Assessment report.

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

and

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Paul H. Ciminello
President, Ecosystems Strategies, Inc.

Scott Spitzer
Director of Environmental Investigations, Ecosystems Strategies, Inc.

APPENDIX A

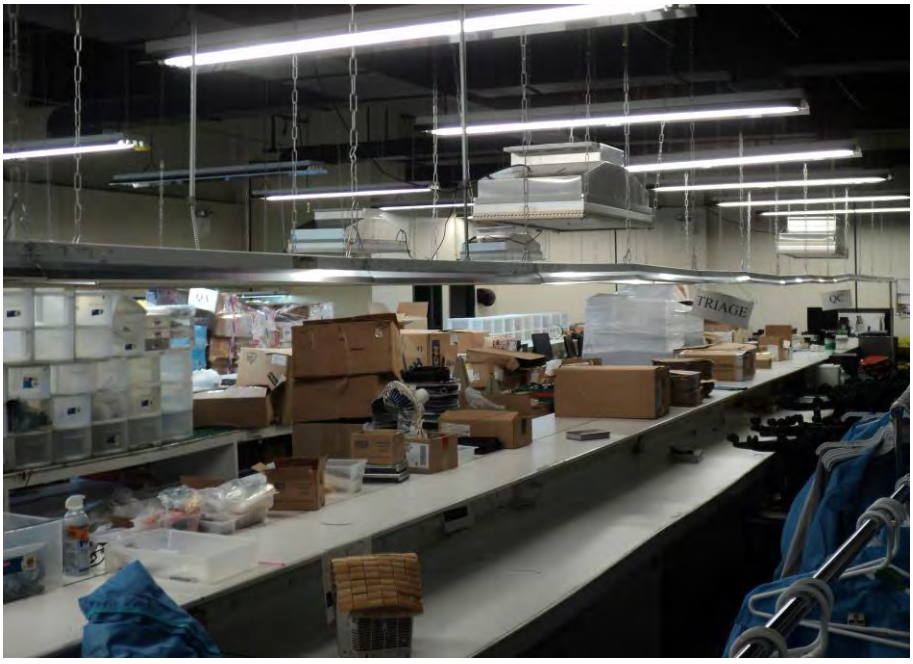
Site Photographs

PHOTOGRAPHS

1. **View of the subject property (looking south from 45th Road).**

2. **View of loading dock area (looking north from 46th Avenue).**

PHOTOGRAPHS



3. **View of typical production space.**

4. **View of asphalt roofing material and roof-top mounted heating and cooling units.**

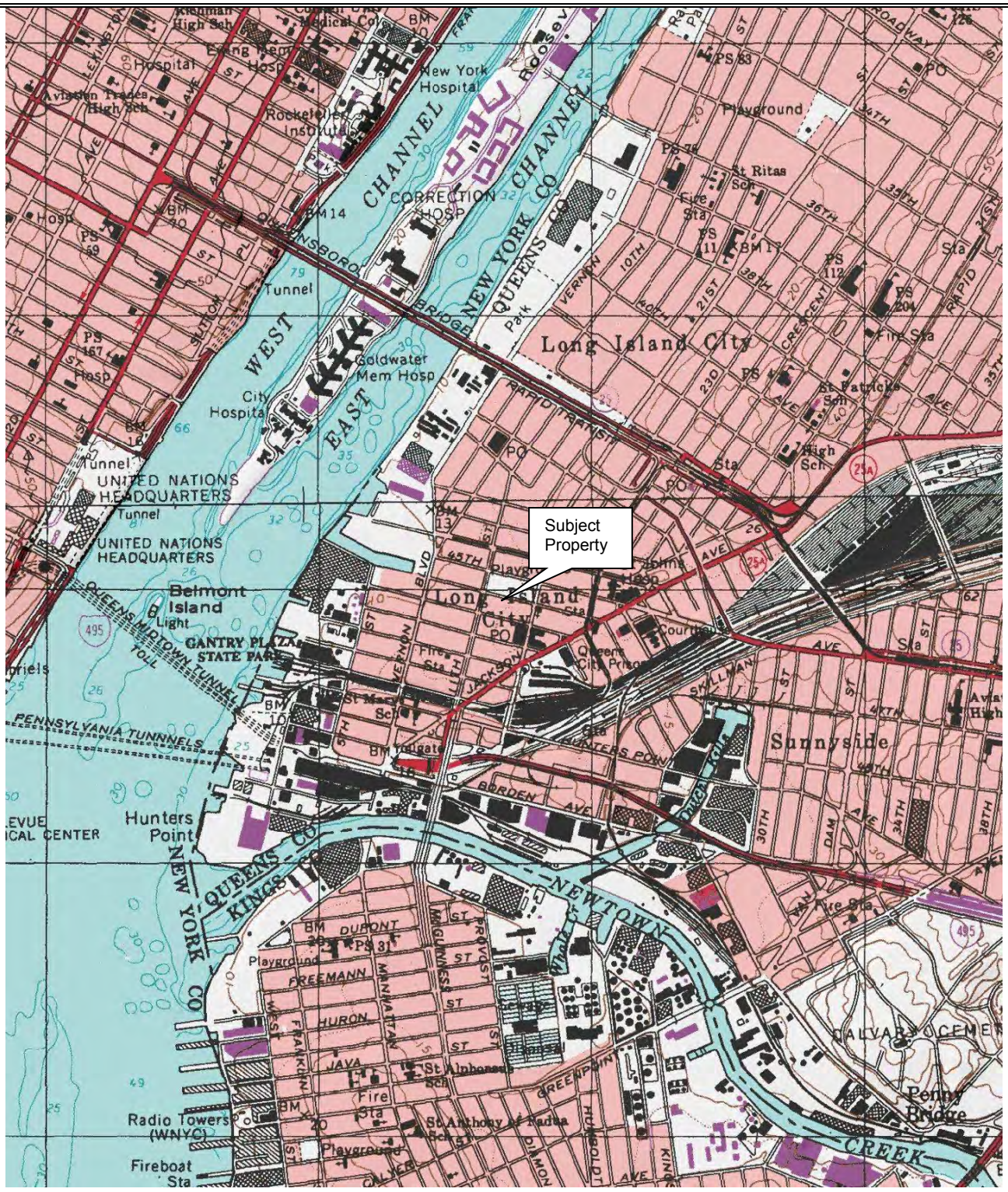
PHOTOGRAPHS

5. **View of suspect asbestos pipe-wrap (located in storage room on northern-central portion of the on-site structure).**

6. **View of 55-gallon drums, currently empty, used for paint and paint thinner (located in the northwest corner of the parking area).**

APPENDIX B

Physical-Setting Maps



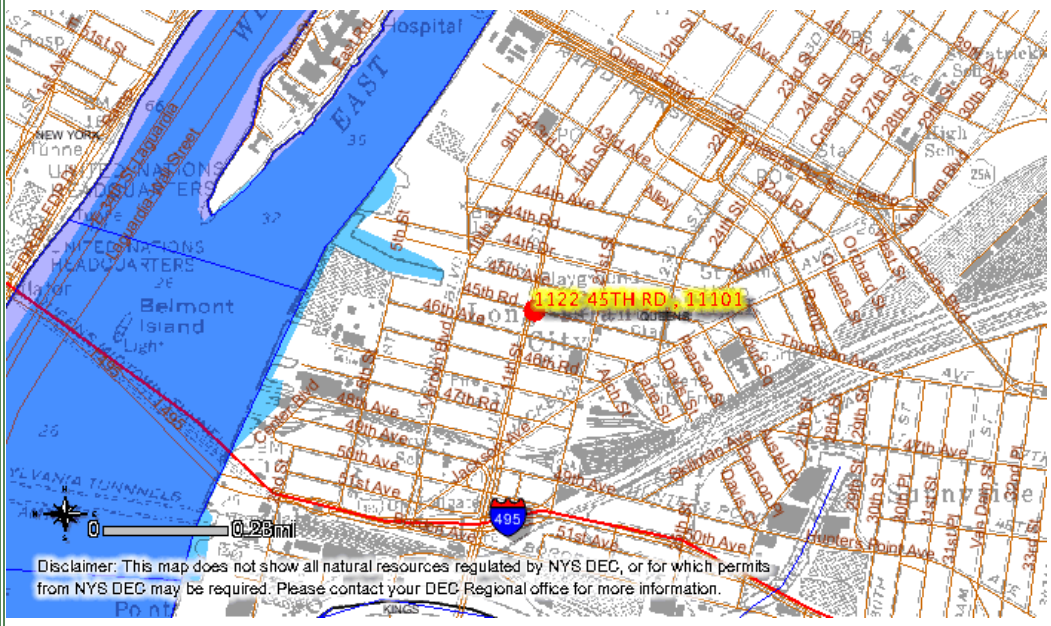
Source: USGS Topographic Map of the Brooklyn, New York Quadrangle, dated 1995, digital image provided by MyTopo.com

U.S.G.S. Topographic Map 11-22 45th Road Long Island City Borough of Queens New York City, New York	N	ESI File: GQ14077.10 June 2014 Scale: 1:24000

[print page] [close window]

Please set your printer orientation to "Landscape".

GQ14077.10



MinX: 587091, MaxX: 590158, MinY: 4511858, MaxY: 4510539

Visible Layers

- Classified Streams
- Classified Ponds
- State-Regulated Freshwater Wetlands
- Wetland Checkzone
- State-Regulated Freshwater Wetlands
- Rare Plants and Rare Animals
- Interstate Highways
- Adirondack Park Boundary
- Counties

Disclaimer:This map was prepared by the New York State Department of Environmental Conservation using the most current data available. It is deemed accurate but is not guaranteed. NYS DEC is not responsible for any inaccuracies in the data and does not necessarily endorse any interpretations or products derived from the data.

U.S. Fish and Wildlife Service
National Wetlands Inventory

GQ14077.10

May 21, 2014

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

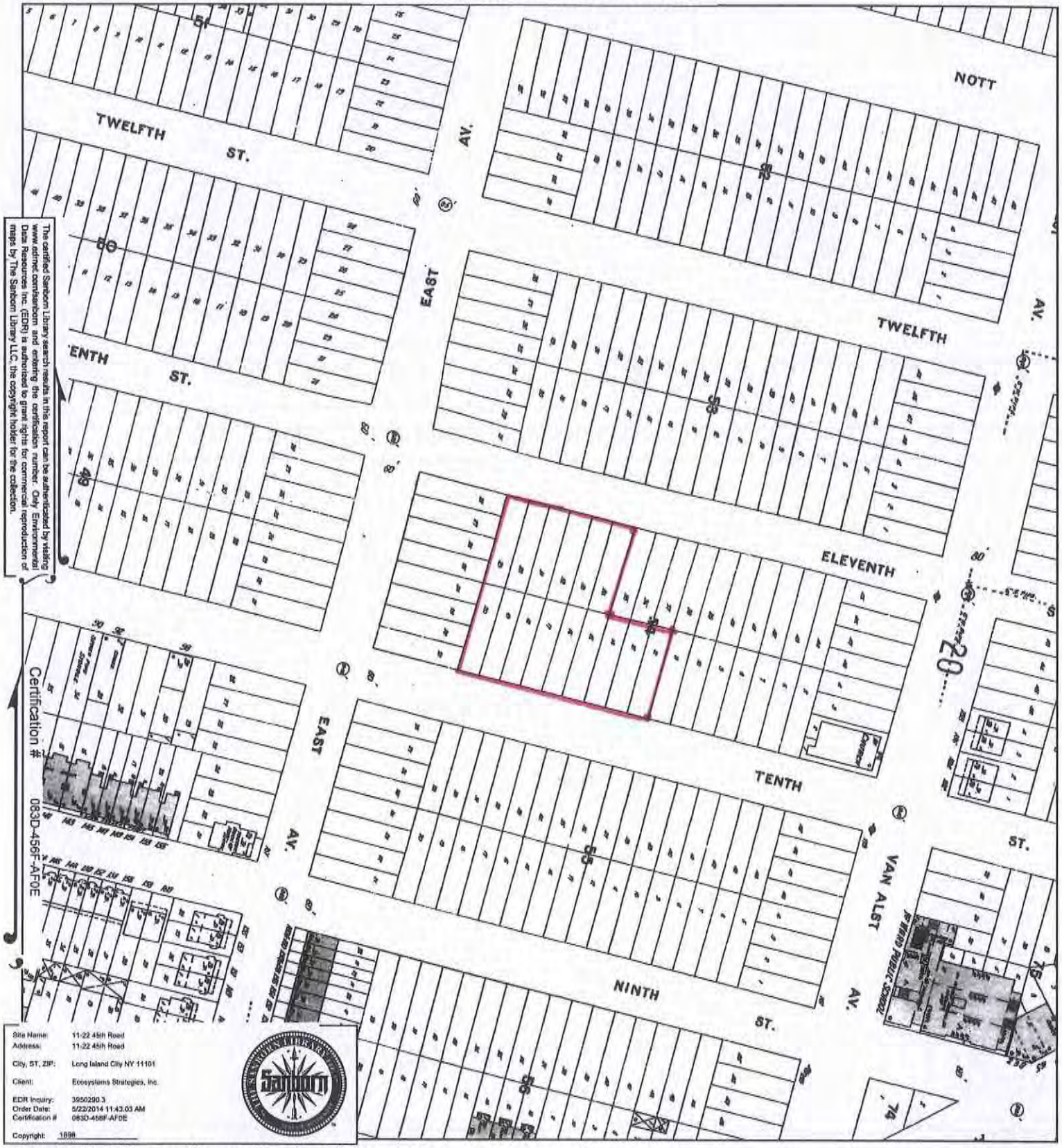
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

APPENDIX C

Sanborn Fire Insurance Maps

1898 Certified Sanborn Map



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Site Name:	11-22 45th Road
Address:	11-22 45th Road
City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950290.3
Order Date:	5/22/2014 11:43:03 AM
Certification #	083D-456F-AF0E
Copyright:	1898

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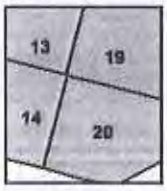

Volume 1, Sheet 13
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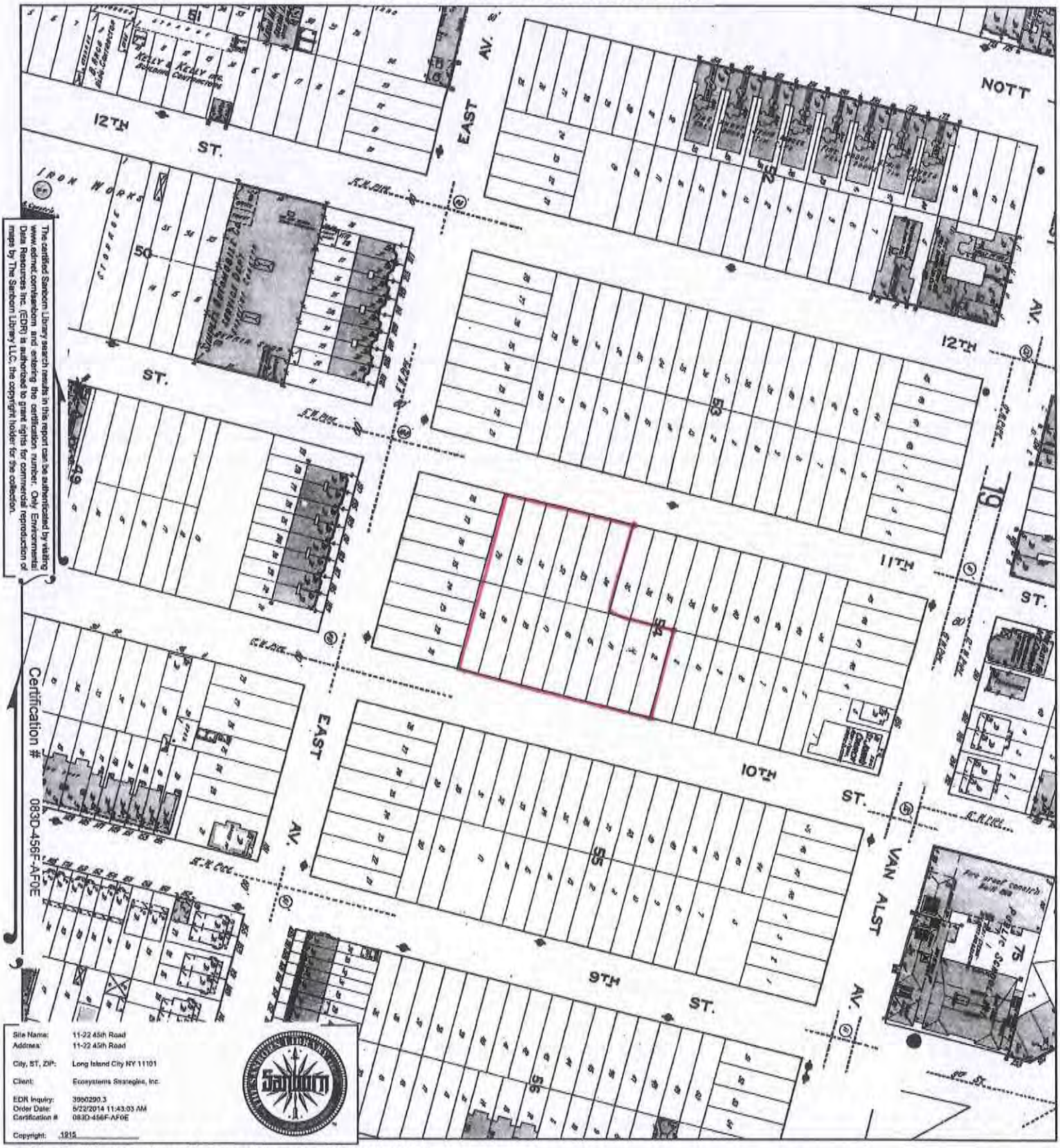
N

1915 Certified Sanborn Map



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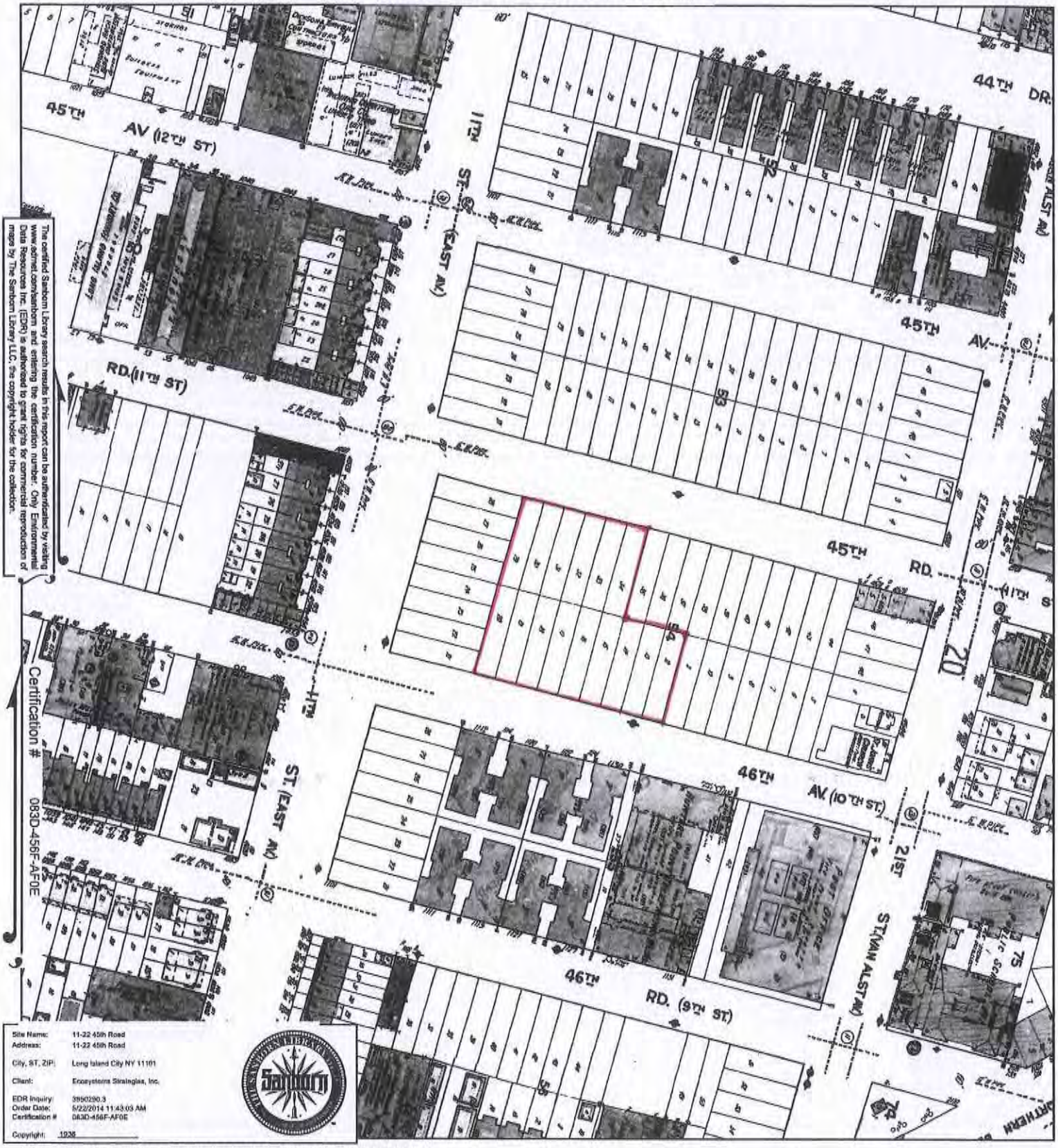

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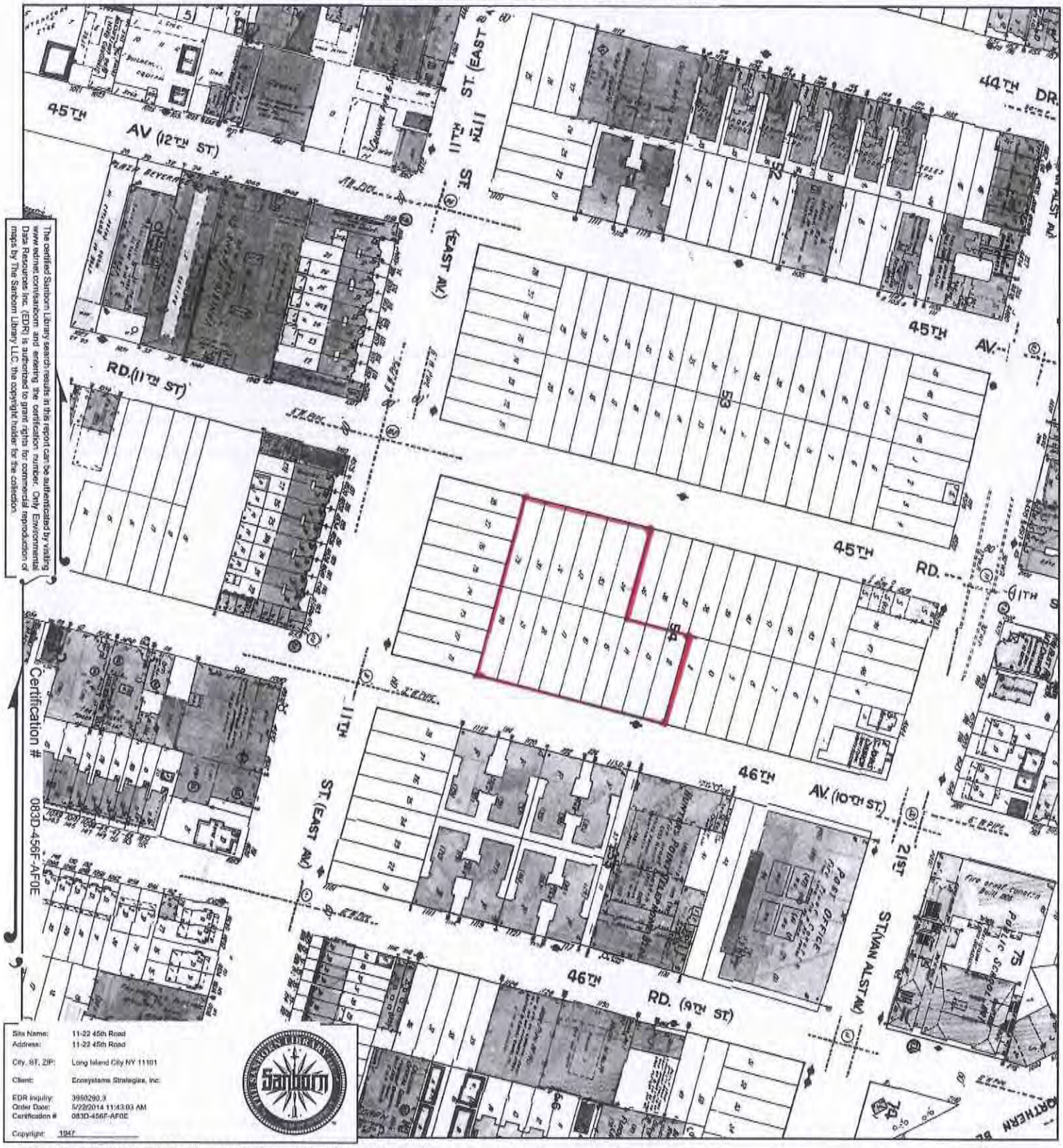
1947 Certified Sanborn Map



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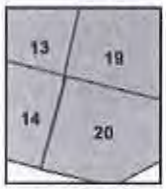

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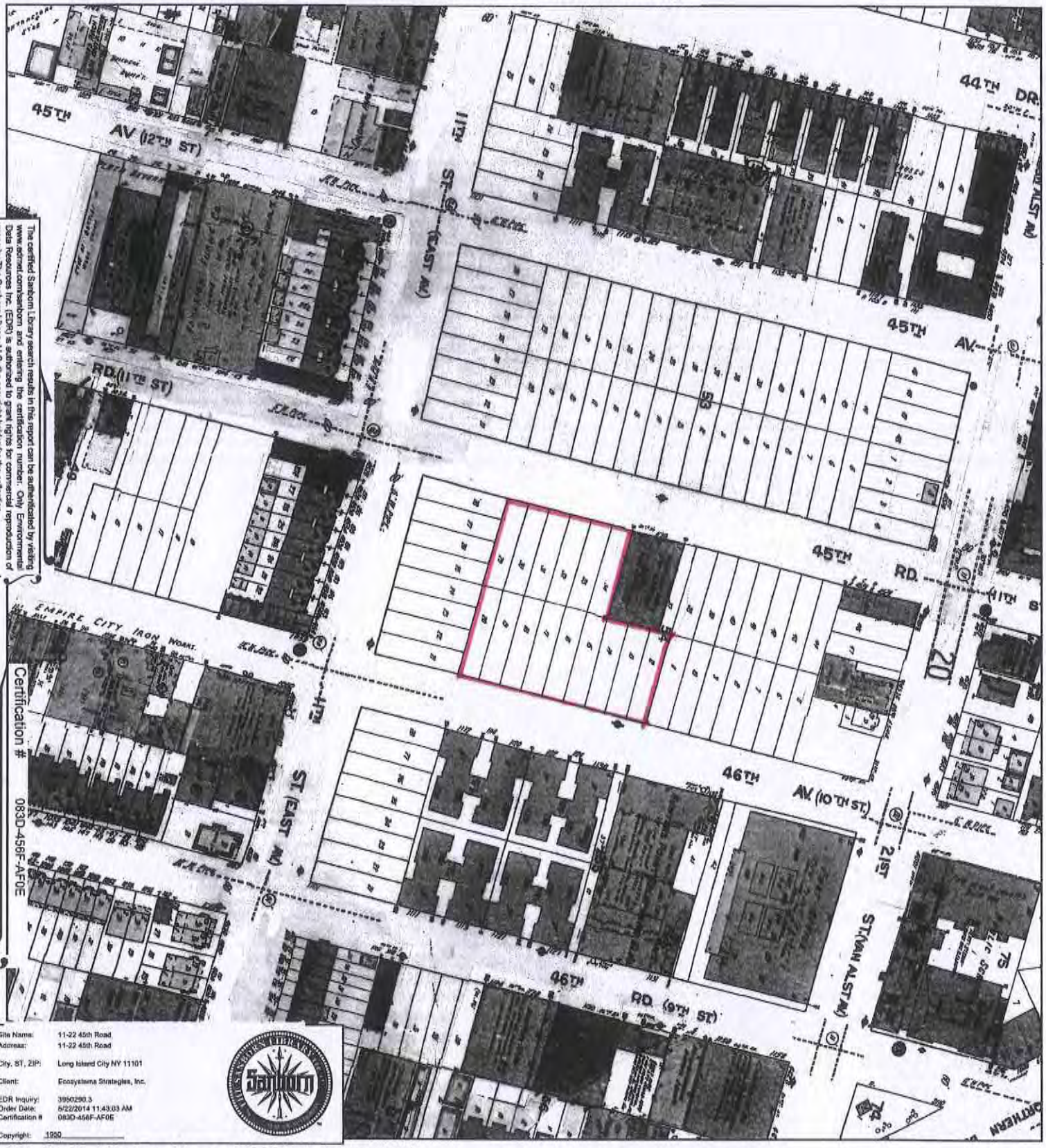

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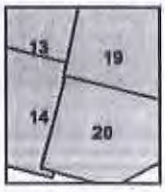

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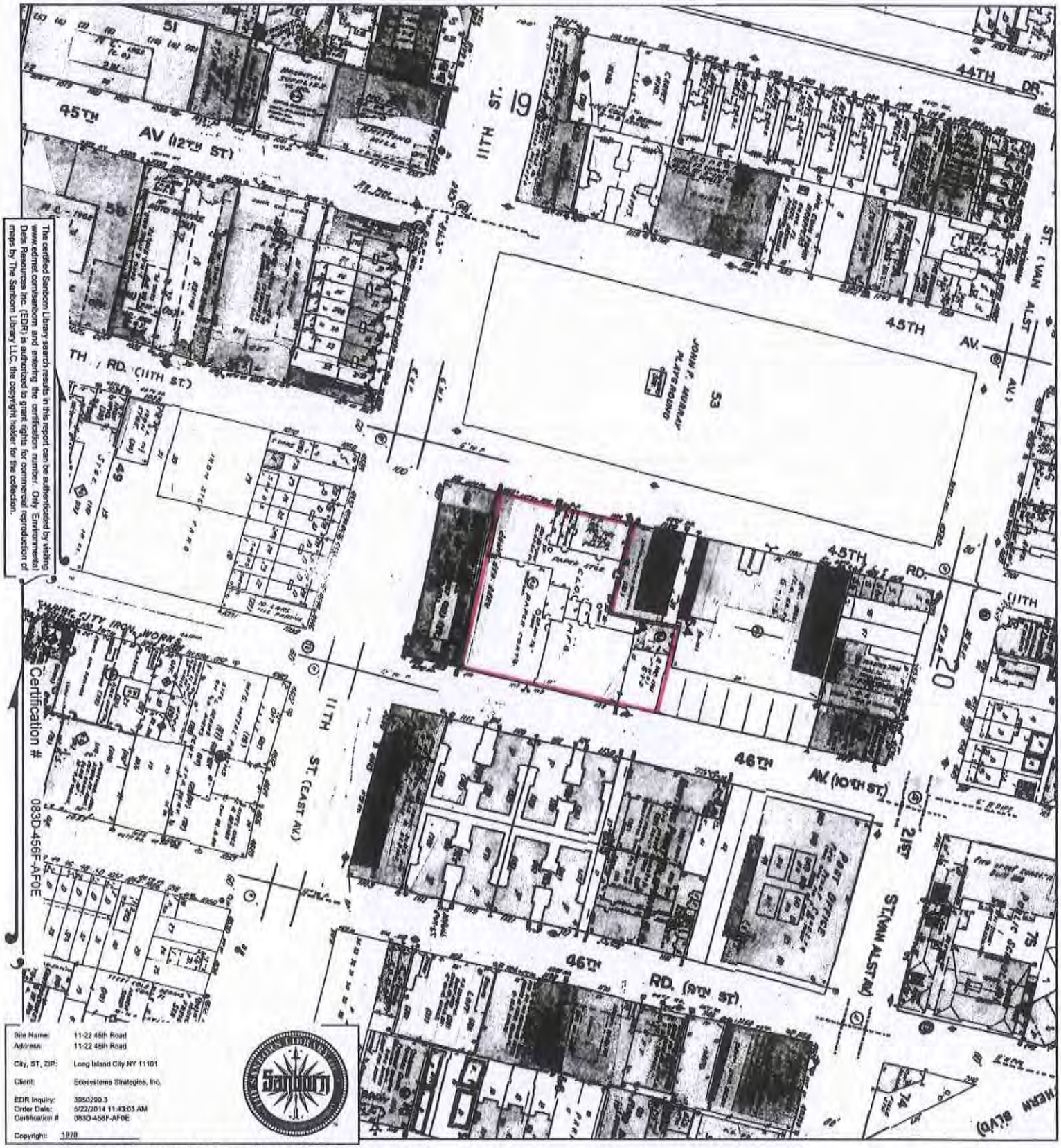
1970 Certified Sanborn Map



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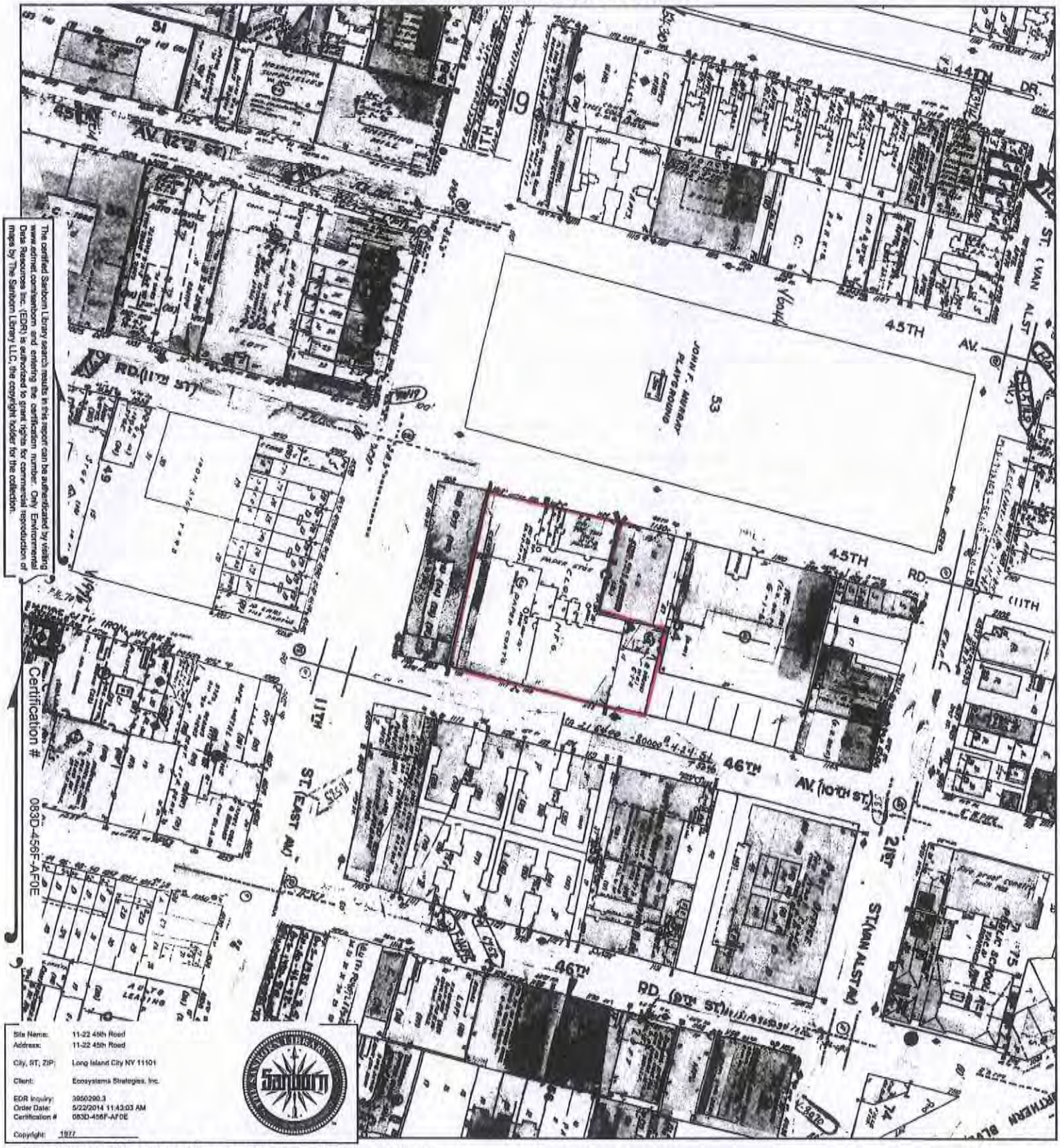

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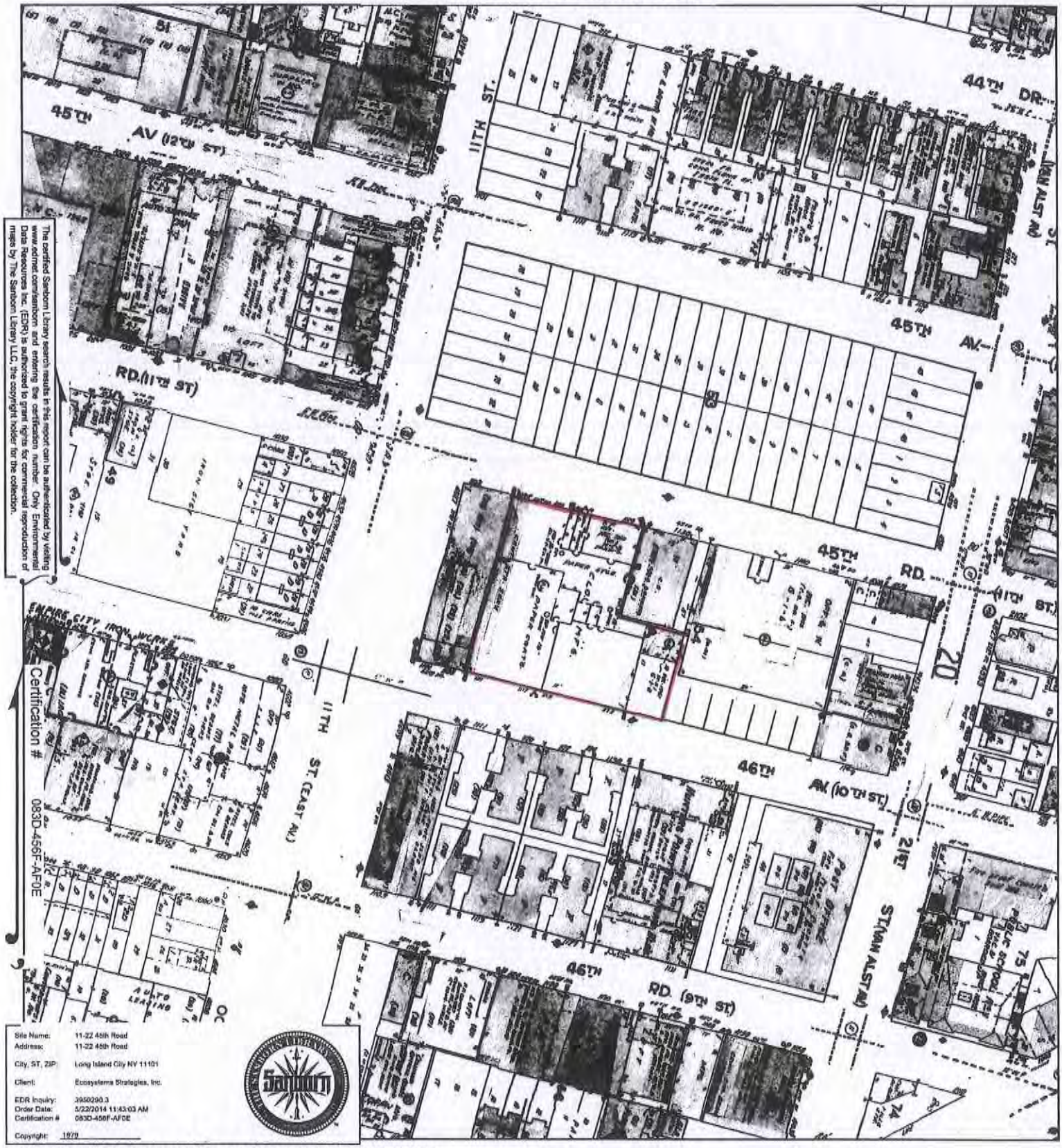

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Client: Ecosystems Strategies, Inc.
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Order Date: 5/22/2014 11:43:03 AM
Certification #: 083D-456F-AF0E
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Volume 1, Sheet 19
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Volume 1, Sheet 20

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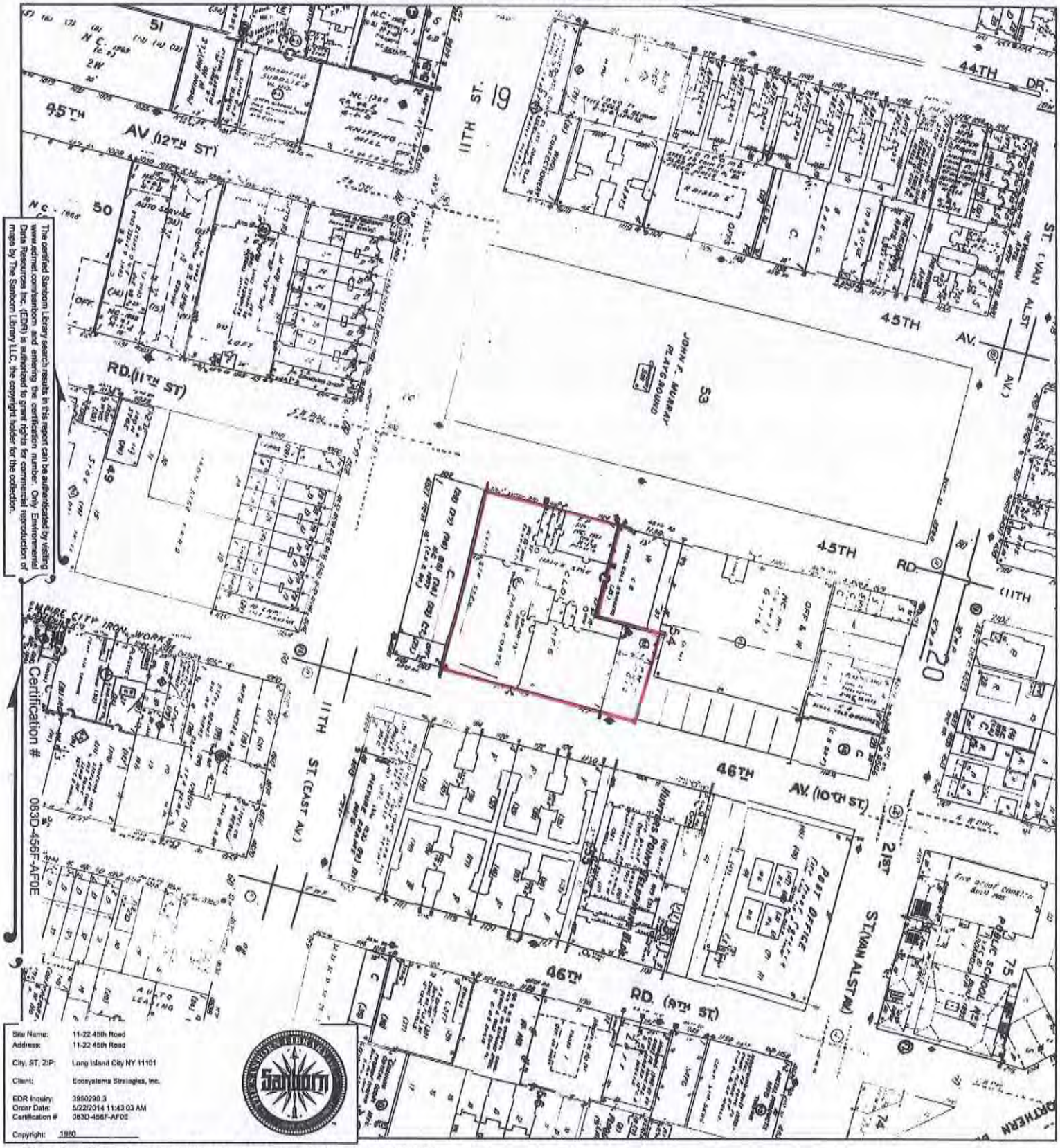

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Certification #:	083D-456F-AF0E
Copyright:	1980

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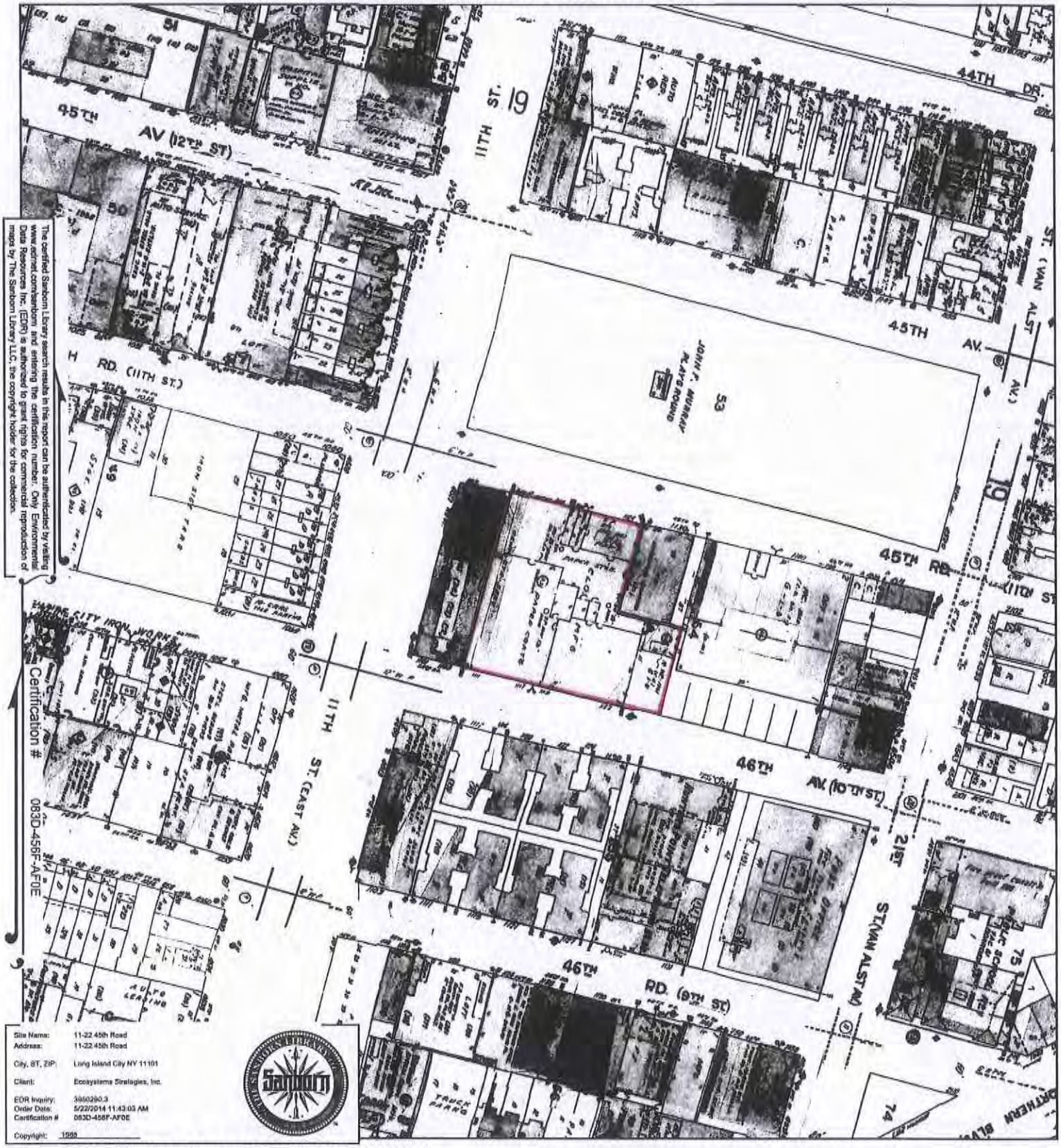
1985 Certified Sanborn Map



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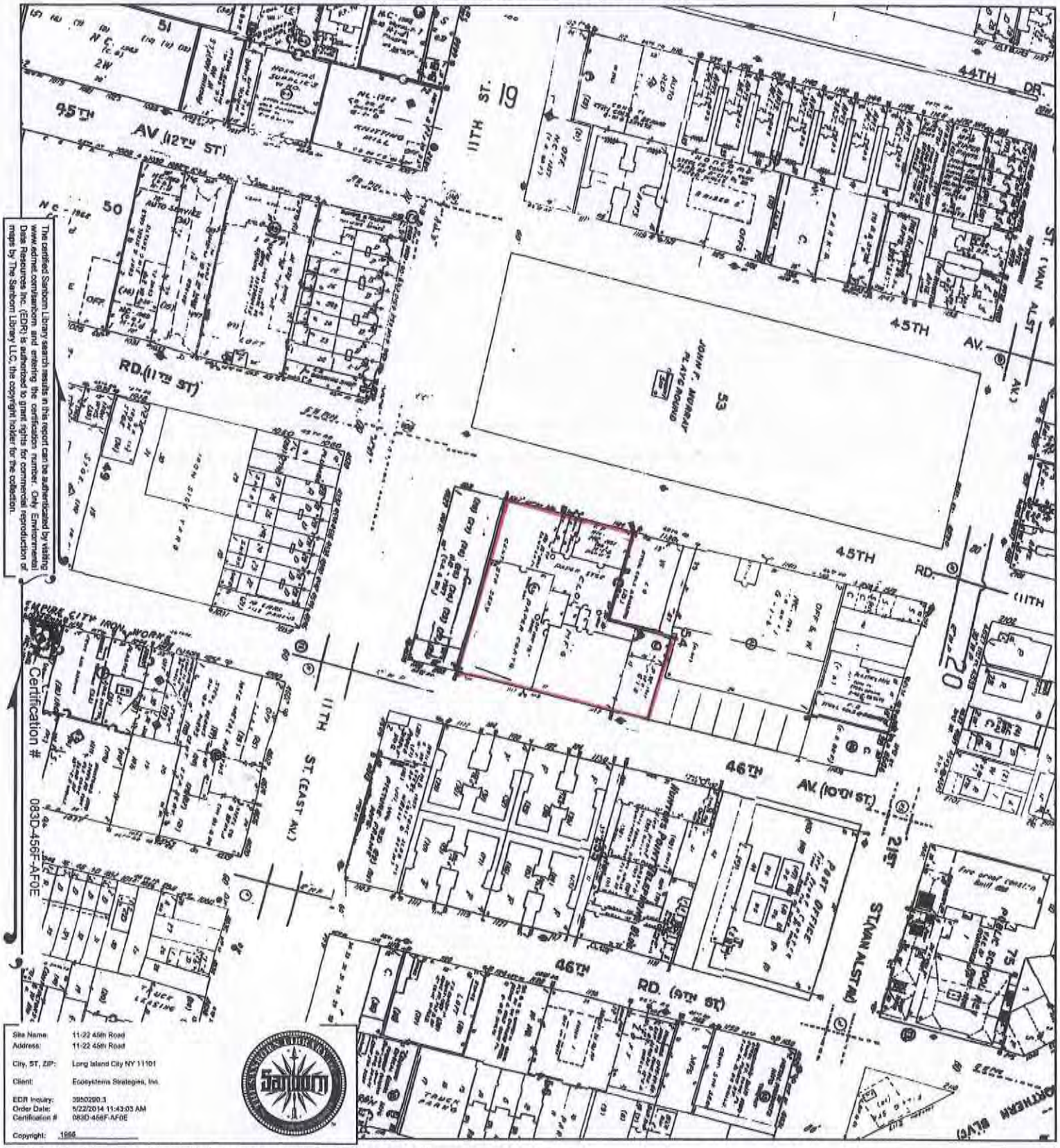
1986 Certified Sanborn Map



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Certification #:	083D-466F-AF0E
Copyright:	1986

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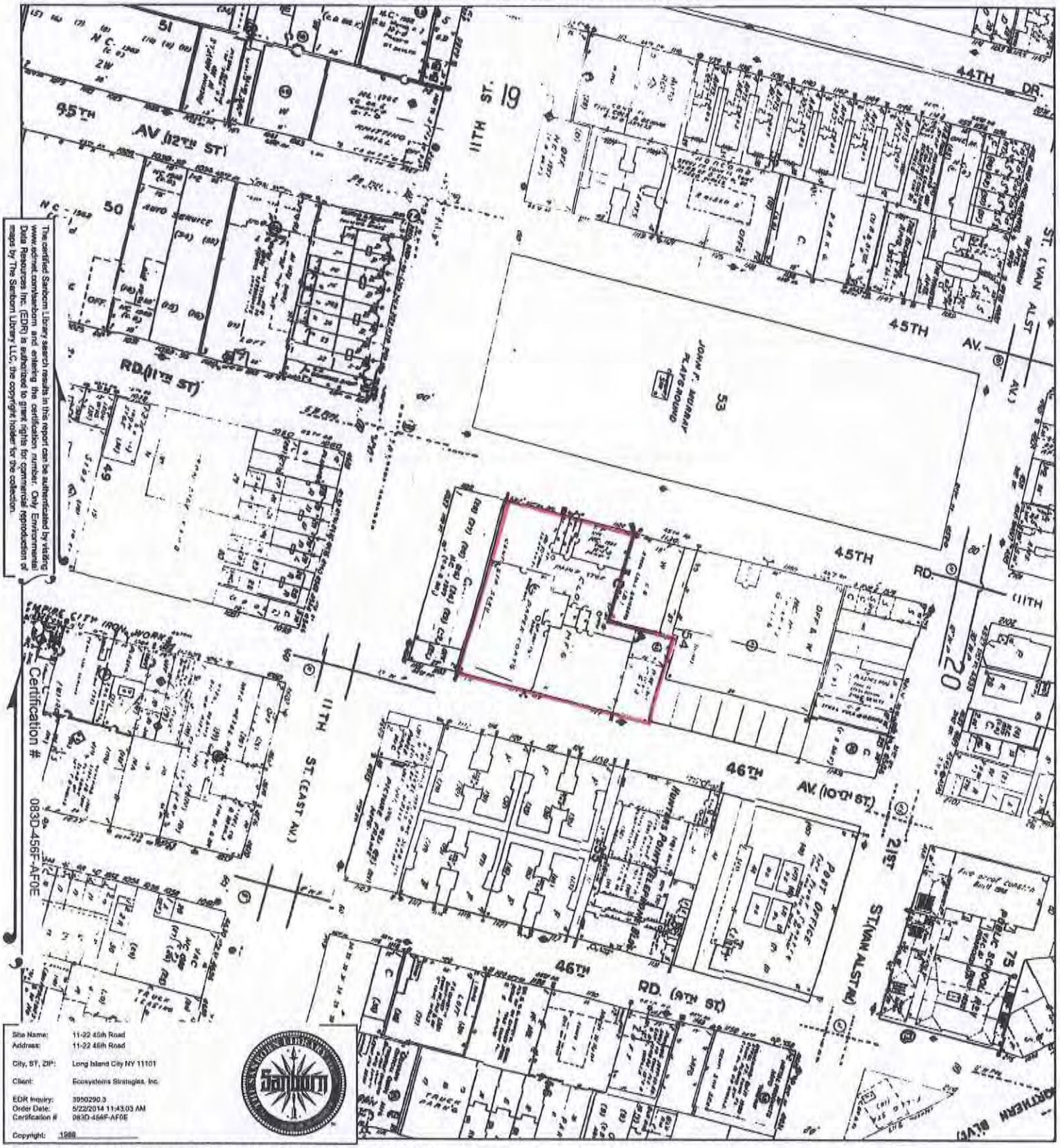

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Certification #	083D-456F-AF0E
Copyright:	1988

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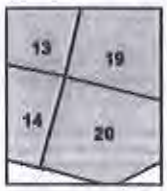

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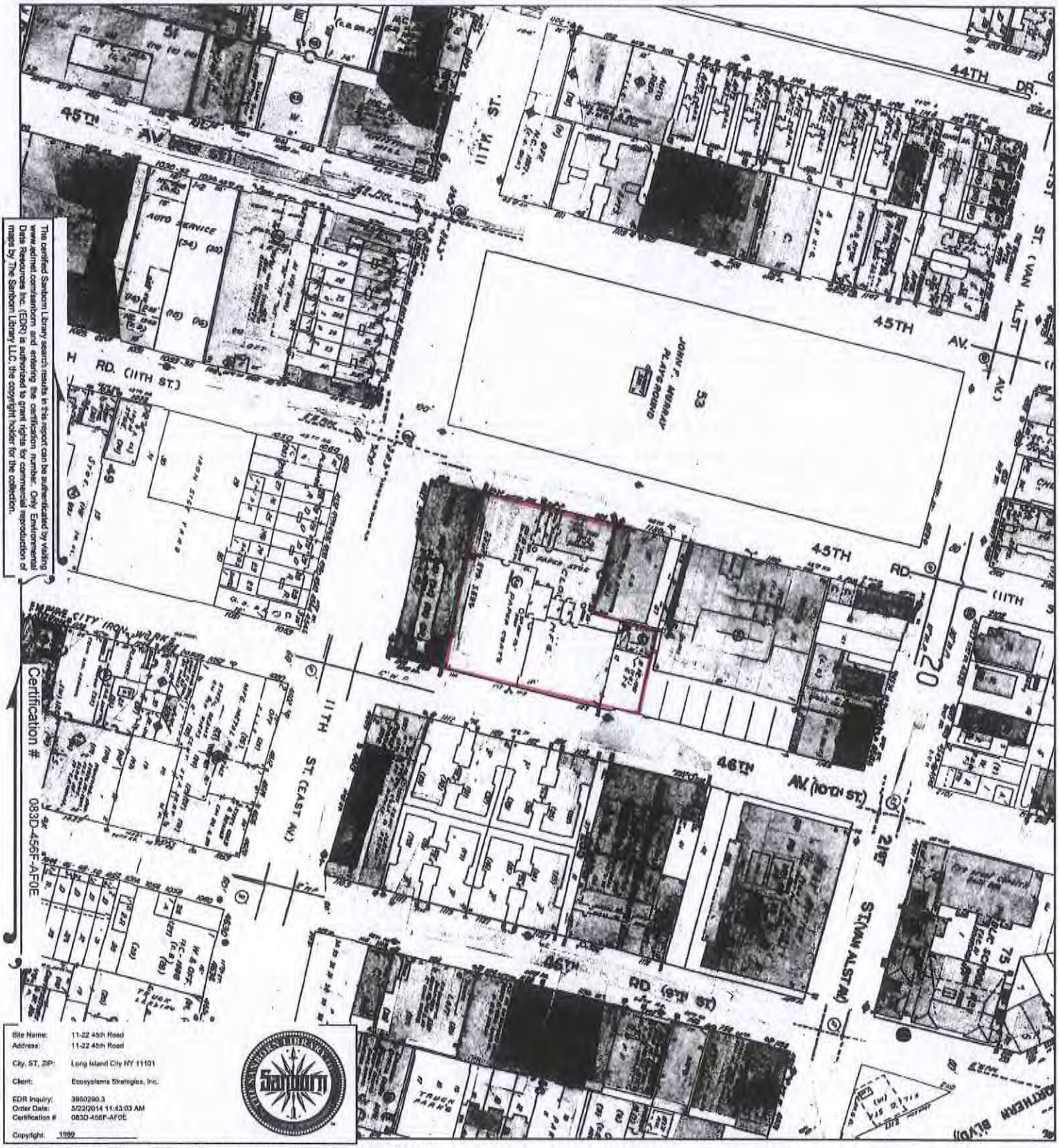

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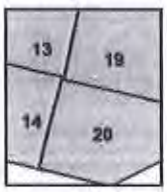

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Volume 1, Sheet 20

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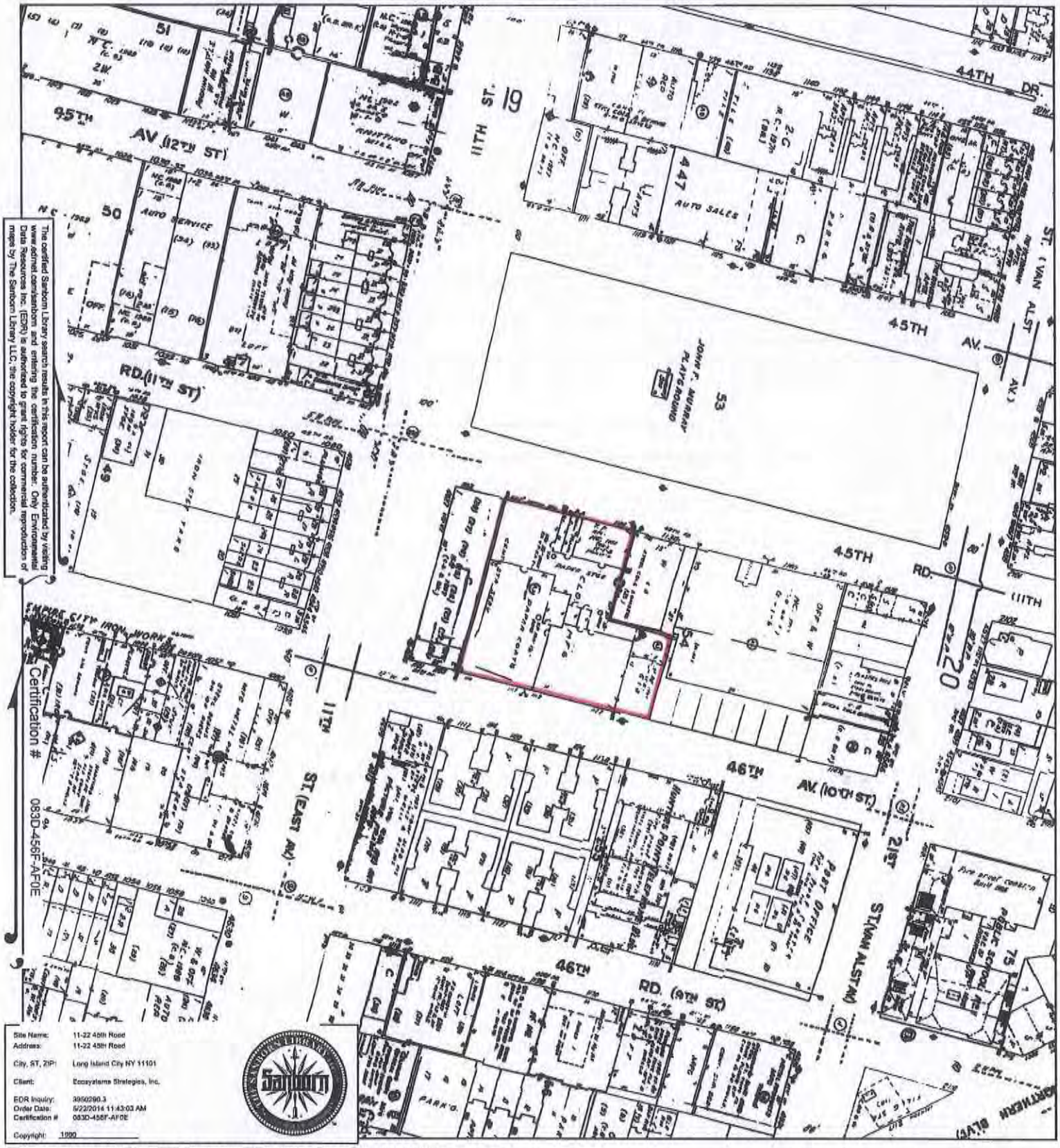

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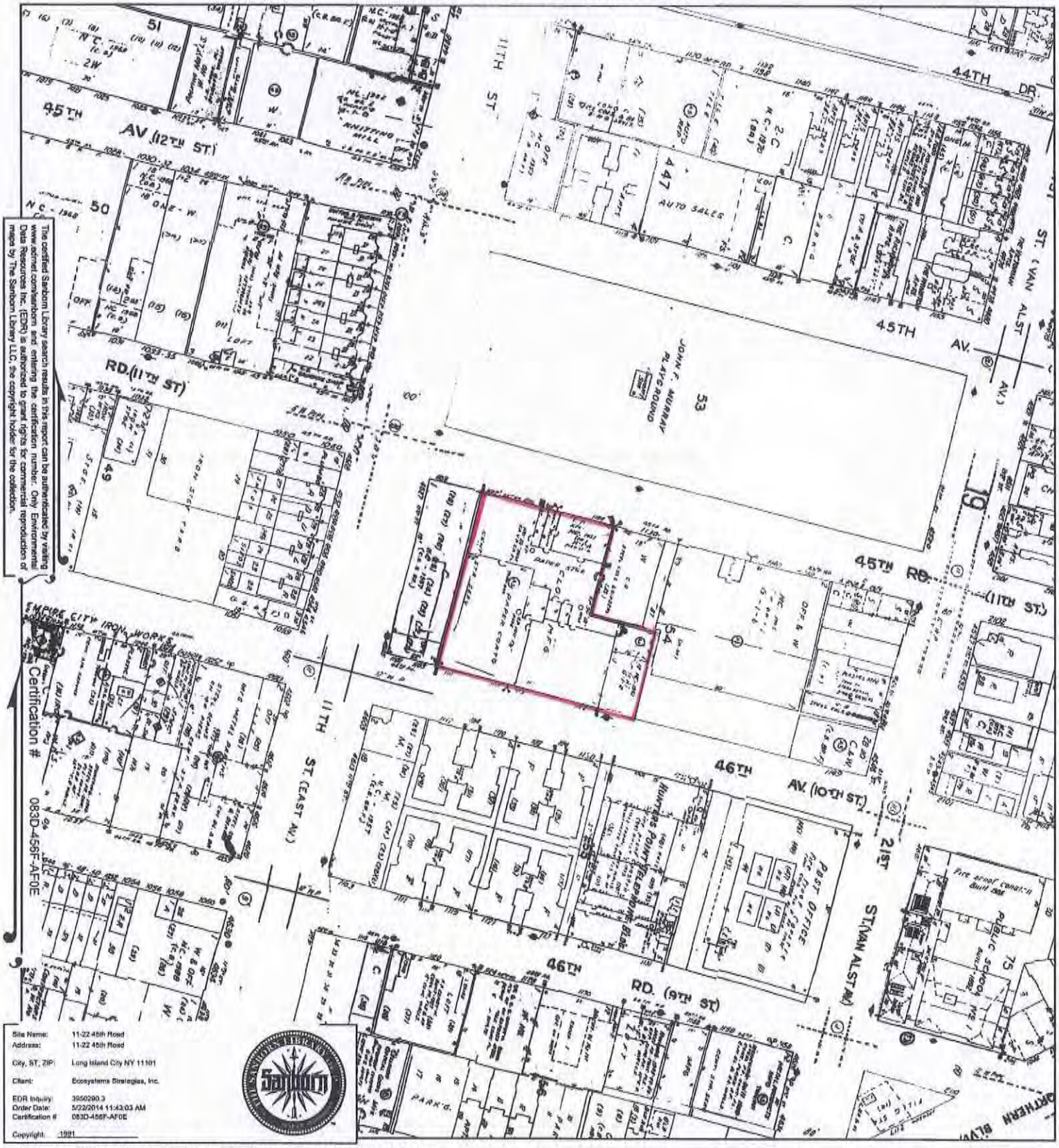

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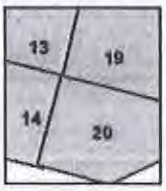

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0 Feet 150 300 600

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1992 Certified Sanborn Map

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EDR Inquiry:	3950290.3
Order Date:	5/22/2014 11:43:03 AM
Certification #	083D-456F-AF0E
Copyright:	1992

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Volume 1, Sheet 20

0 Feet 150 300 600

N

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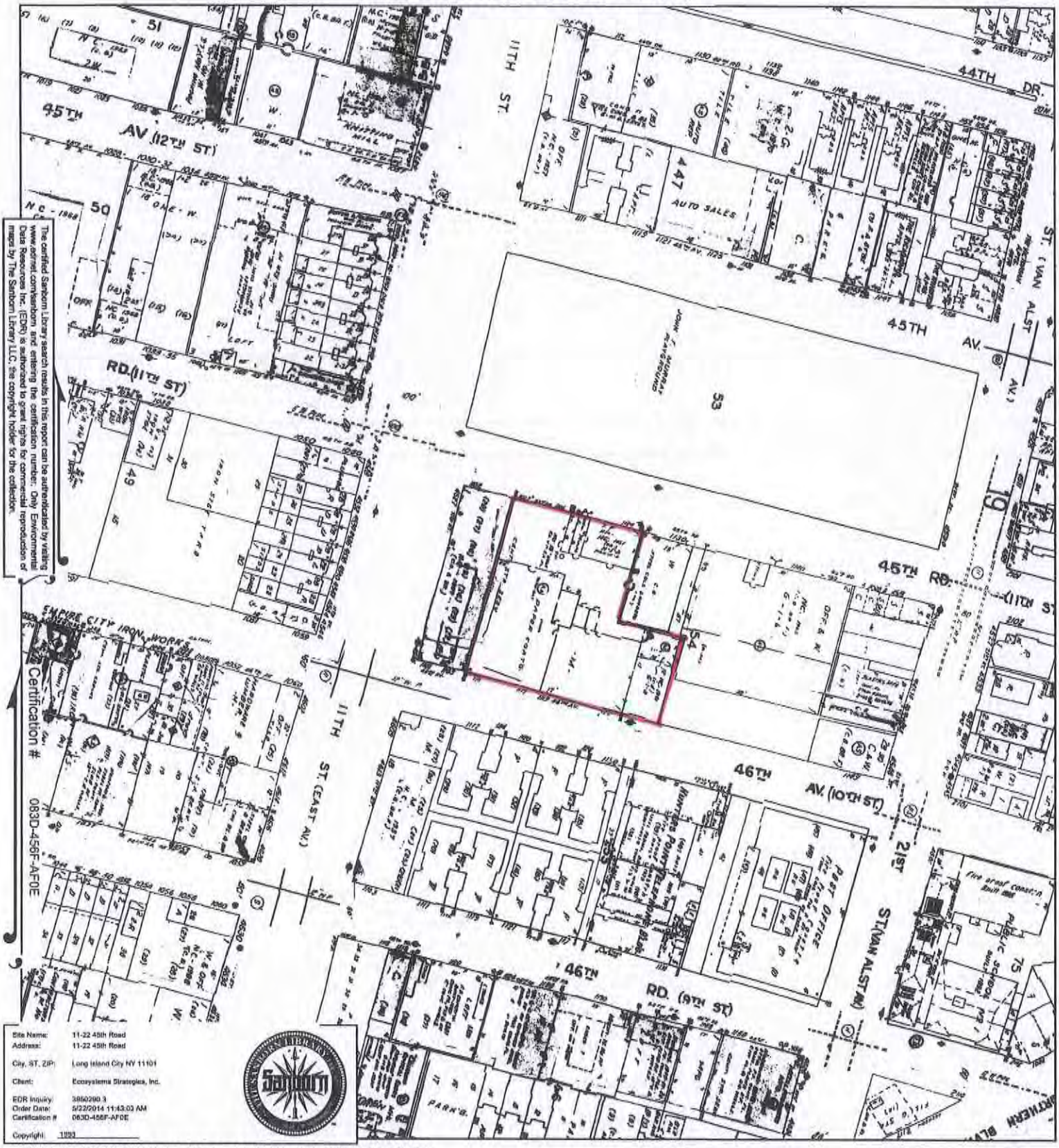

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Client:	Ecosystems Strategies, Inc.
EDR Inquiry:	3950290.3
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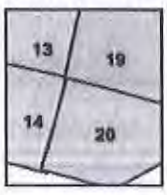

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Volume 1, Sheet 20

0 Feet 150 300 600

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City, ST, ZIP:	Long Island City NY 11101
Client:	Ecosystems Strategies, Inc.
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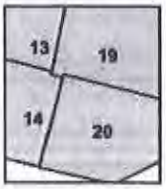

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Volume 1, Sheet 20

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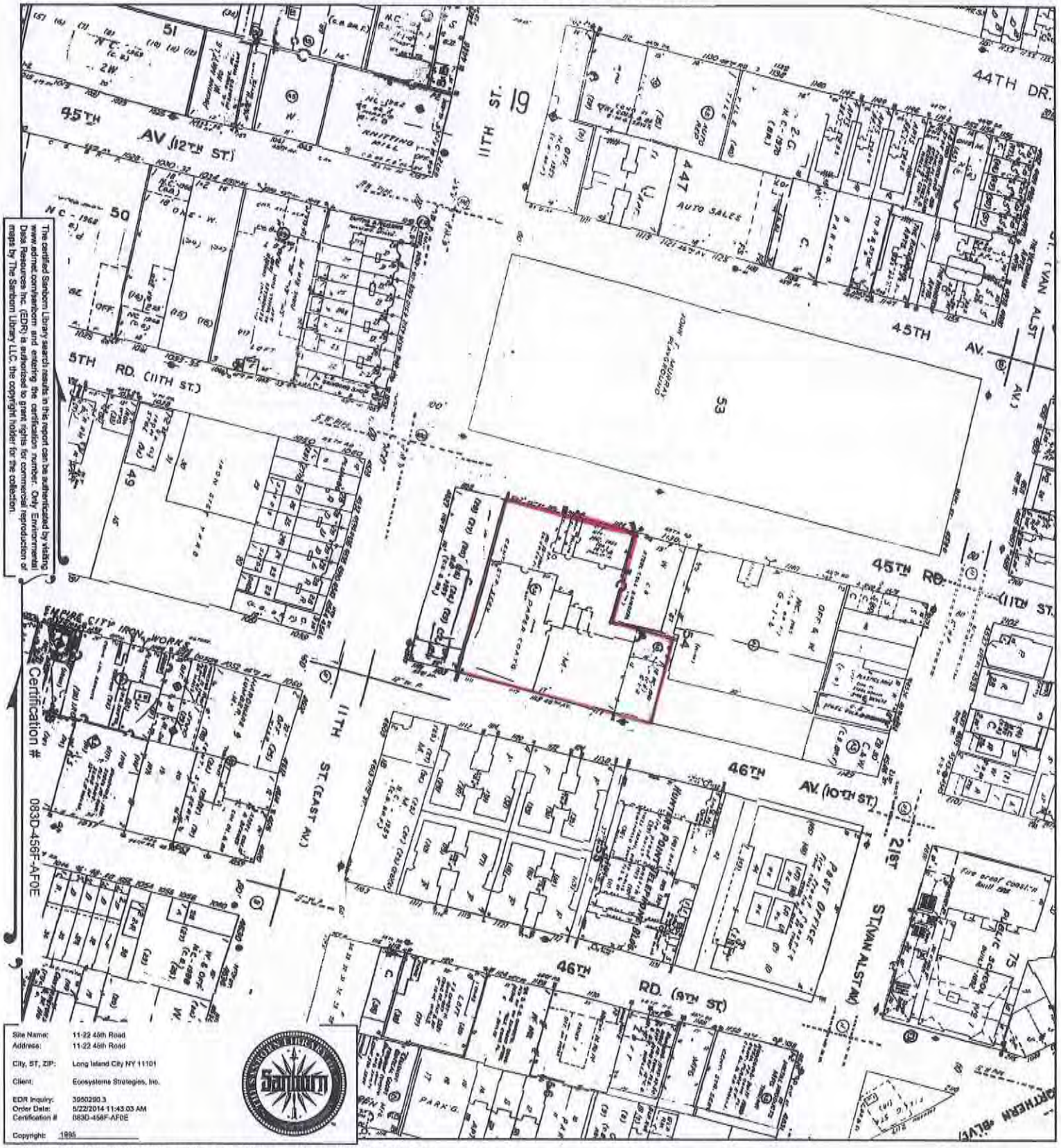

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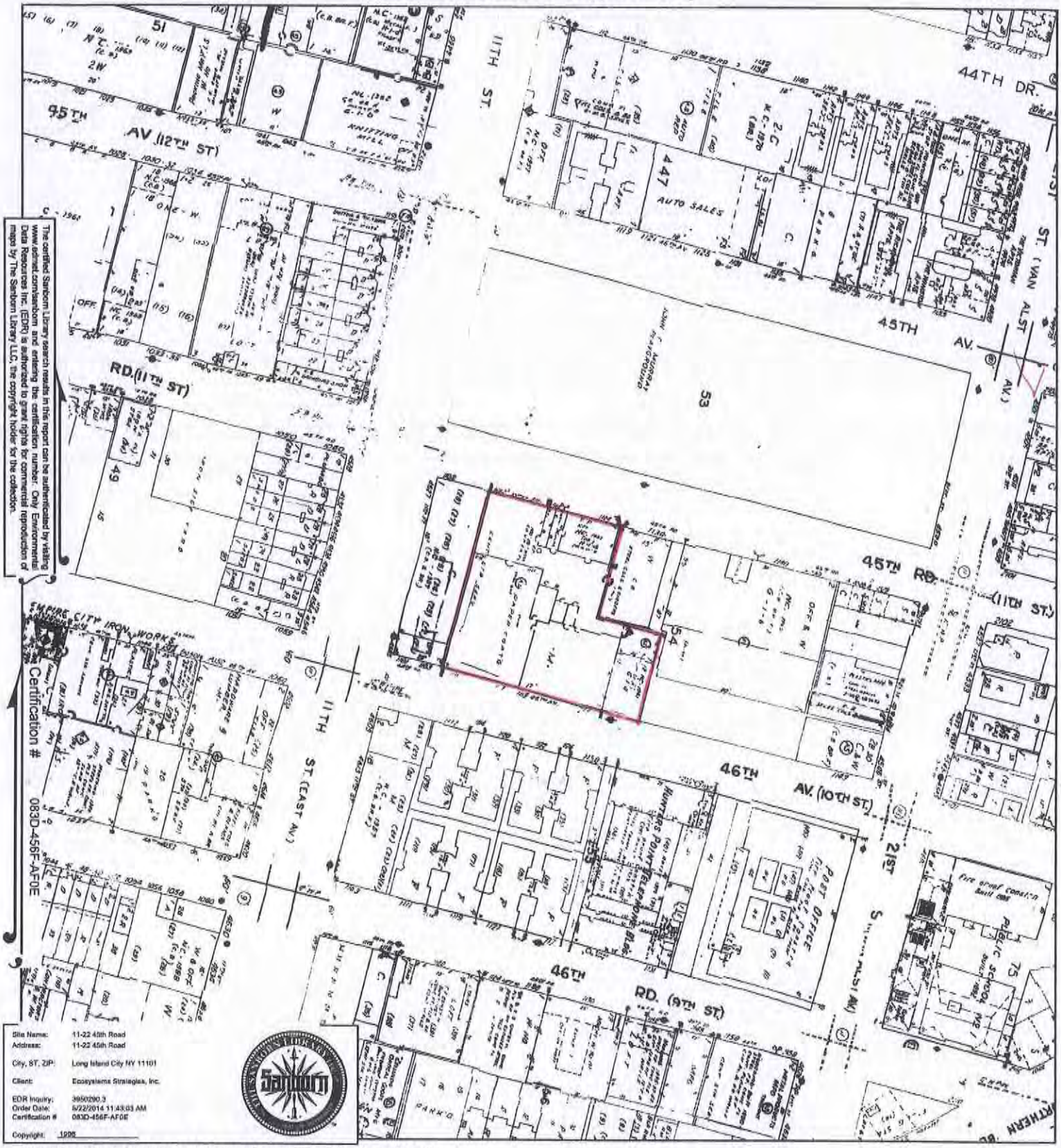

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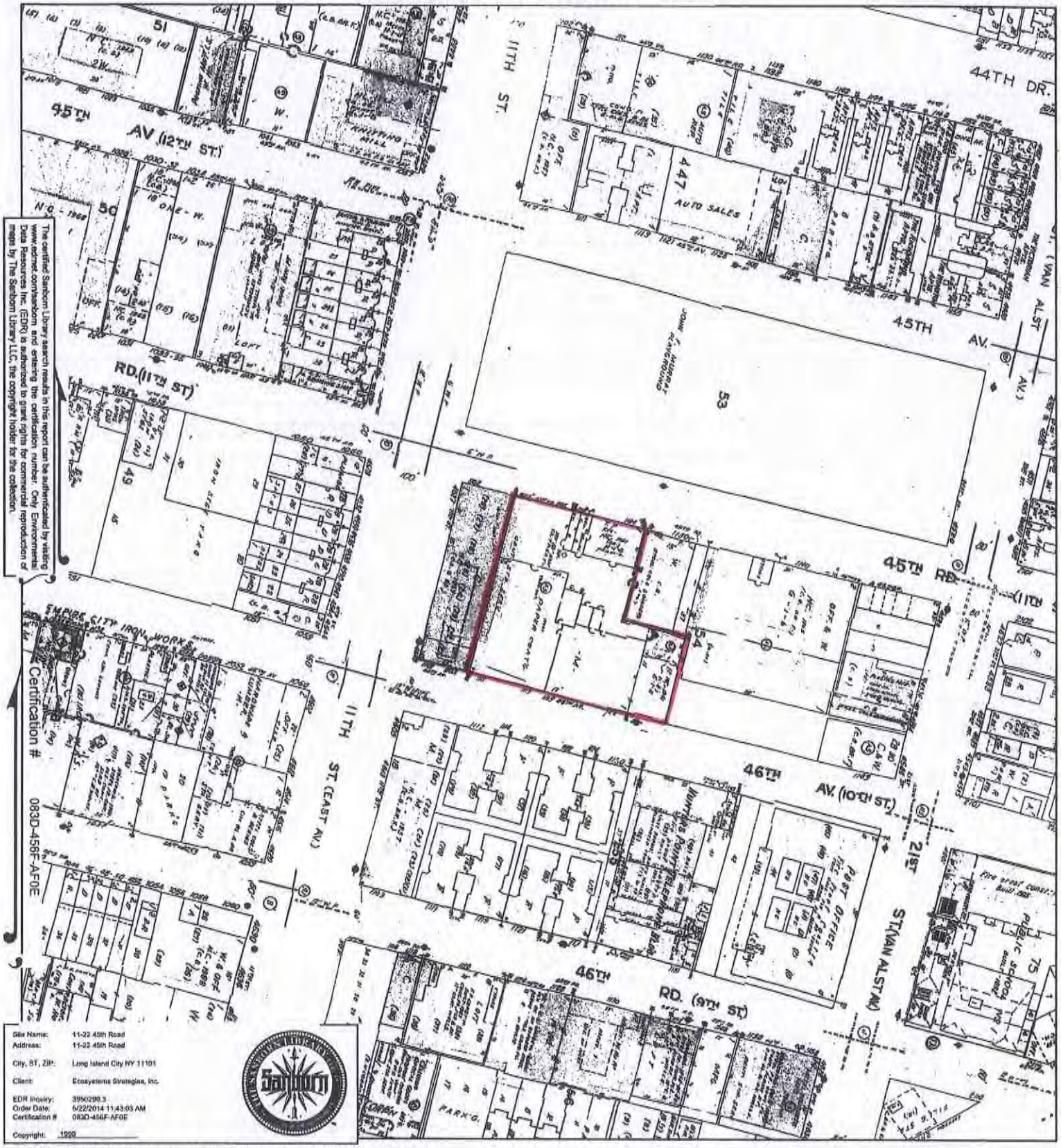

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Client:	Ecosystems Strategies, Inc.
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Certification #	083D-456F-AF0E
Copyright:	1999

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Volume 1, Sheet 20

0 Feet 150 300 600

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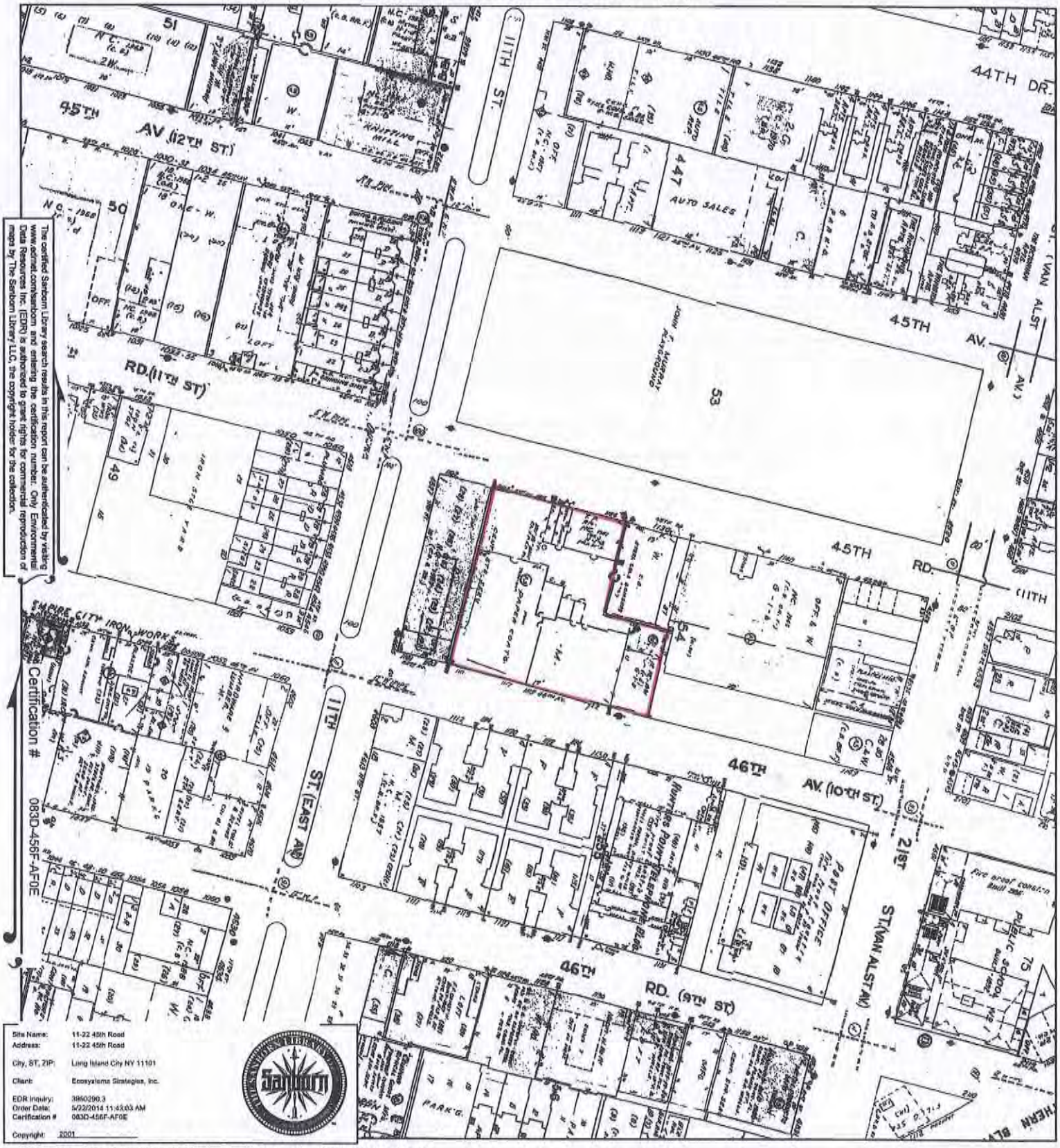

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Certification #:	083D-456F-AF0E
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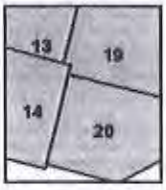

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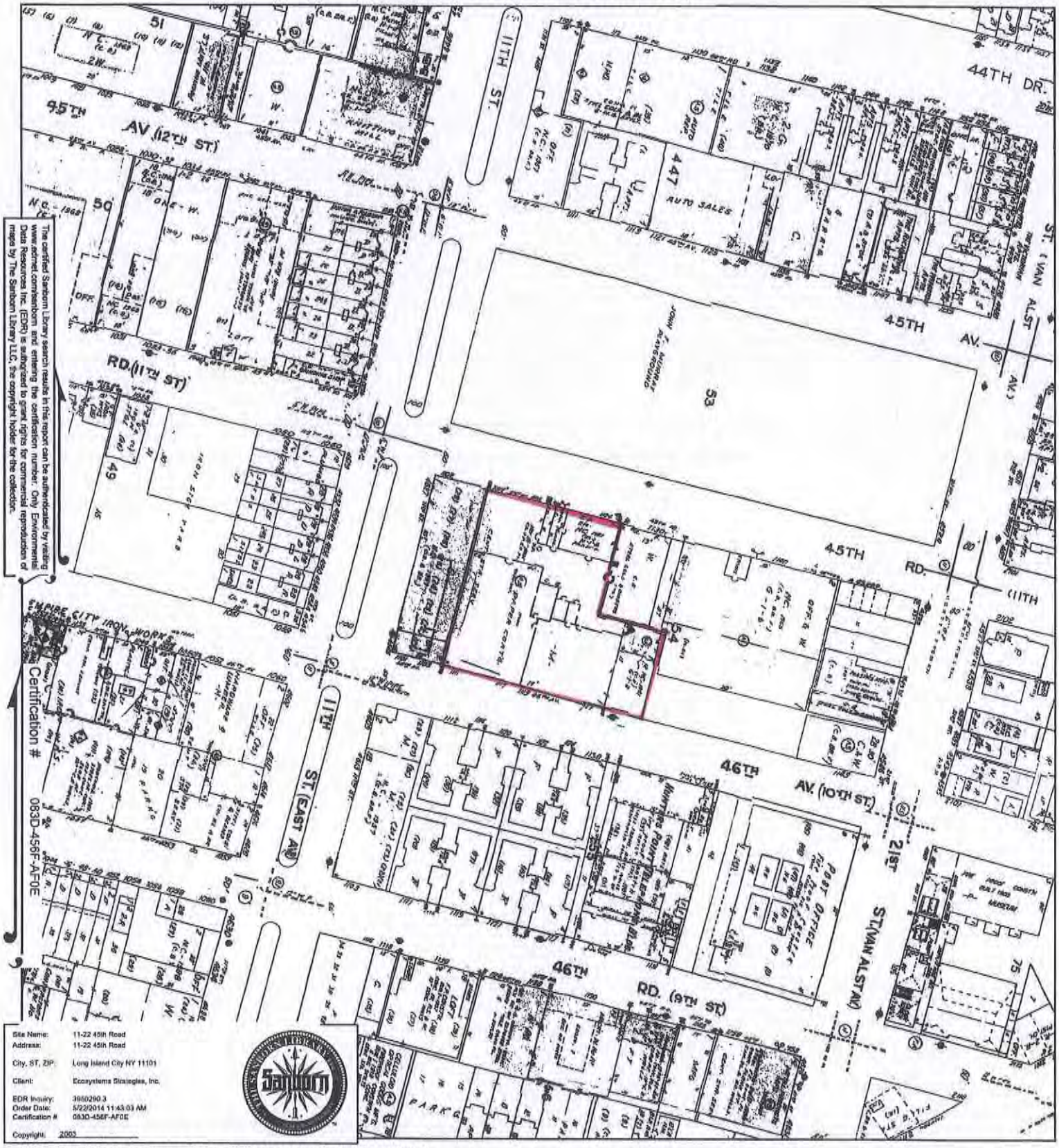

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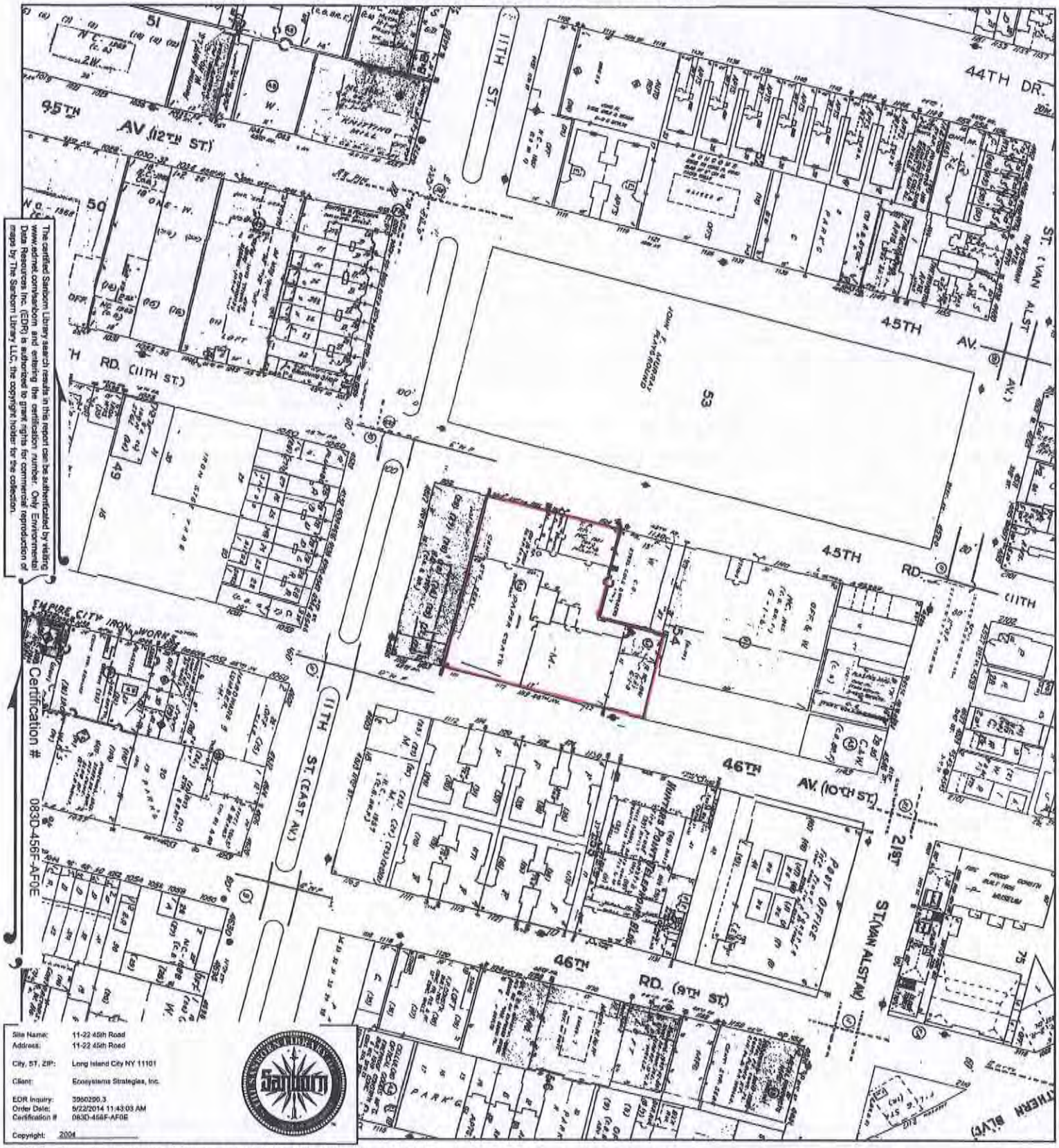

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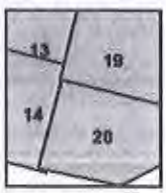

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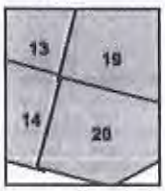

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Volume 1, Sheet 13
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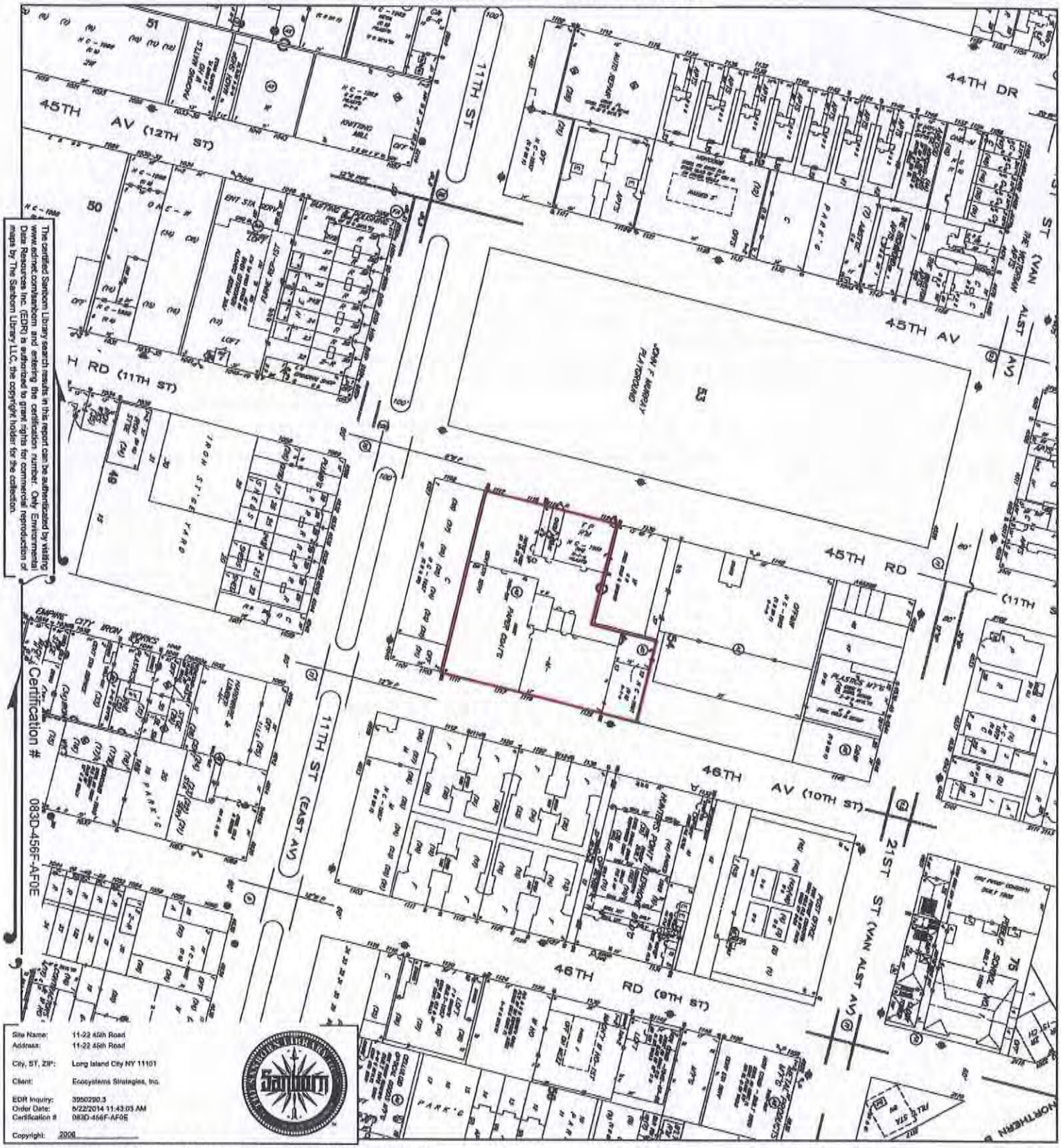

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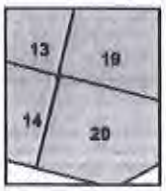

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Volume 1, Sheet 20

0 Feet 150 300 600

N

APPENDIX D

City Directory Abstracts

11-22 45th Road
11-22 45th Road
Long Island City, NY 11101

Inquiry Number: 3950290.5
May 23, 2014

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1922 through 2013. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2013	Cole Information Services	-	X	X	-
2008	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2005	Hill-Donnelly Information Services	X	X	X	-
2000	Cole Information Services	X	X	X	-
1996	NYNEX	-	X	X	-
1991	NYNEX Information Resource Company	X	X	X	-
1983	New York Telephone	X	X	X	-
1976	New York Telephone	-	X	X	-
1970	New York Telephone	X	X	X	-
1967	New York Telephone	X	X	X	-
1962	New York Telephone Directory	-	X	X	-
1950	New York Telephone	-	X	X	-
1945	New York Telephone	-	X	X	-
1939	New York Telephone Company	-	X	X	-
1934	R. L. Polk Co.	-	X	X	-
	R. L. Polk & Co.	-	X	X	-
1922	The Metropolitan Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

11-22 45th Road
Long Island City, NY 11101

FINDINGS DETAIL

Target Property research detail.

45TH RD

1122 45TH RD

Year	*Uses*	*Source*
2008	TEL KO ELECTRONICS INC	Cole Information Services
2005	Shine Electronics Inc	Hill-Donnelly Information Services
2000	Shino Elctrncs Inc	Cole Information Services
1991	Compucare Micro Systems Inc	NYNEX Information Resource Company
	Gold Star Electronics	NYNEX Information Resource Company
	Gold Star Electronics International Inc	NYNEX Information Resource Company
	TEL KO ELECTRONICS INC	NYNEX Information Resource Company
	Telko Electronics Inc	NYNEX Information Resource Company
1983	Florelee Undrgrmnt Co Inc	New York Telephone
1970	Florelee Undrgrmnt Co Inc	New York Telephone
1967	Florelee Undrgrmnt Co Inc	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

11ST ST

4440 11ST ST

Year	Uses	Source
1991	Regal Diamond Co	NYNEX Information Resource Company
	O D I Famor Inc	NYNEX Information Resource Company
	Merchants Control Inc	NYNEX Information Resource Company
	Farber Leon B	NYNEX Information Resource Company
	Bijou Creations	NYNEX Information Resource Company
1983	Defiance Button Machine Co	New York Telephone
1976	DEFIANCE BUTTON MACHINE CO	New York Telephone

11TH PL

4616 11TH PL

Year	Uses	Source
1962	Wilson Ruth Mrs	New York Telephone Directory

11TH ST

4440 11TH ST

Year	Uses	Source
2013	AACURED TWENTY FOUR HR LOCKSMITH	Cole Information Services
	DESIGNWORKS JEWELRY	Cole Information Services
	DESIGNWORKS JEWELRY GROUP LTD	Cole Information Services
2008	ODI INC	Cole Information Services
	TACHE USA INC	Cole Information Services
	MERCHANTS CONTROL INC	Cole Information Services
	TACHE & CO INC	Cole Information Services
	DESIGNWORKS JEWELRY	Cole Information Services
2005	Original Designs Famor Inc	Hill-Donnelly Information Services
	Regal Diamond Co i ft	Hill-Donnelly Information Services
	Designworks Jewelry Group LTD	Hill-Donnelly Information Services
	Bijou Creations	Hill-Donnelly Information Services
2000	FX Manufacturers	Cole Information Services

FINDINGS

Year	Uses	Source
2000	Farbar Leon B	Cole Information Services
	Bijou Creations	Cole Information Services

4446 11TH ST

Year	Uses	Source
1939	Defiance Button Mach Co	New York Telephone Company
1934	Defiance Button Machine Co T H Newton fcty supt	R. L. Polk & Co.
	Newton Thos H supt Defiance Button Machine Co	R. L. Polk & Co.

4461 11TH ST

Year	Uses	Source
2013	ADVANCED ORTHOMEDICAL SUPPLIES	Cole Information Services
	WEILOKS FOR HEAD OF POND LLC	Cole Information Services
	WEILOKS	Cole Information Services
	ACQC	Cole Information Services
2008	LOCAL 805 WELFARE FUND	Cole Information Services
	DENNIS PHARMACY	Cole Information Services
	CITY RIDE TRANSPORTATION	Cole Information Services
2005	Acqc	Hill-Donnelly Information Services
	Teamsters Local Union	Hill-Donnelly Information Services
	Weil Oks For Head Pond LLC	Hill-Donnelly Information Services
	Hispanic Media	Hill-Donnelly Information Services
	Spanish Yellow Pages USA	Hill-Donnelly Information Services

4464 11TH ST

Year	Uses	Source
2008	WORKSHOP4464	Cole Information Services
2005	No Current Listing	Hill-Donnelly Information Services

4469 11TH ST

Year	Uses	Source
2000	Lmntr Svce New York Fr	Cole Information Services
	Rauner & Straws Inc	Cole Information Services
	Crea Dor Jwlry Inc	Cole Information Services

4472 11TH ST

Year	Uses	Source
1945	Colonial Pipe & Supl Corp	New York Telephone

FINDINGS

Year	Uses	Source
1939	Colonial Pipe & Supl Corp	New York Telephone Company
1934	Indiana Quartered Oak Co Inc NY Willard Winslow pres Herbert Mead v pres M G Taylor sec Willard Winslow treas whol lmbr	R. L. Polk & Co.

4480 11TH ST

Year	Uses	Source
2013	NEW CENTURY COLOR	Cole Information Services
	PROGRESS PRINTING CORP	Cole Information Services
	INK WORKS	Cole Information Services
2008	CAMERON GRAPHICS INC	Cole Information Services
	COMBO COLOR GRAPHICS INC	Cole Information Services
	ALL PRINTING LLC	Cole Information Services
	VISION LITHO INC	Cole Information Services
	HUTECH GRAPHICS INC	Cole Information Services
	PROGRESS PRINTING CORP	Cole Information Services
2005	Hutech Graphics is	Hill-Donnelly Information Services
	On Demand Printing 2 0 718 391 0066 o	Hill-Donnelly Information Services
	Vision Litho Inc	Hill-Donnelly Information Services
	Combo Color Graphics 1is	Hill-Donnelly Information Services
	Armen Digital Graphics i s	Hill-Donnelly Information Services
2000	45TH AV INTS FROM	Cole Information Services
	All City Swtchbrd	Cole Information Services

4502 11TH ST

Year	Uses	Source
2013	THIKANA ENTERPRISE INC	Cole Information Services
	M & M AUTO SVCE	Cole Information Services
2005	Thakana Enterprises Inc	Hill-Donnelly Information Services
2000	Thakana Entrprss	Cole Information Services
1939	Felli John garage	New York Telephone Company

4504 11TH ST

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	Elena Pagan	Cole Information Services
	Elena Pagan	Cole Information Services
1945	Cappa Michl	New York Telephone
1934	Cappa Michl Carmela porter	R. L. Polk & Co.
	Cappa Rocco ship clk	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Colfer Steph Rose varnish mkr	R. L. Polk & Co.
	Cappa Anthony clk	R. L. Polk & Co.

4506 11TH ST

Year	Uses	Source
2005	Gilbert Andrew	Hill-Donnelly Information Services
2000	Vanessa C Pino	Cole Information Services
	Ana A Pino	Cole Information Services
1934	Chase Clarence Anna clk	R. L. Polk & Co.
	Young Wm Gertrude chauf	R. L. Polk & Co.

4508 11TH ST

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	Stephen Mack	Cole Information Services
	J Mc Kinney	Cole Information Services
1934	De Grace Jos clk	R. L. Polk & Co.
	De Grace Theresa sten	R. L. Polk & Co.
	Di Grace John A Frances tailor	R. L. Polk & Co.
	Di Grace Jos clk	R. L. Polk & Co.
	Di Grace Tessie clk	R. L. Polk & Co.
	Pompono Robt chem	R. L. Polk & Co.
	De Grace Dorothy student	R. L. Polk & Co.
	De Grace Anthony Frances tailor	R. L. Polk & Co.
	Pompono John Kath : Pompono & Visicara	R. L. Polk & Co.

4510 11TH ST

Year	Uses	Source
2008	SARI K LINNEHAN INTERIORS LTD	Cole Information Services
2005	H Linnehan 0 G A	Hill-Donnelly Information Services
2000	Mark Mc Elhatten	Cole Information Services
	David G Linnehan	Cole Information Services
1939	Ll City Savings Bank Brdge Plz N ST Ilwel 46090	New York Telephone Company
	Ll City Registry For Nurses	New York Telephone Company
	Faust Elsie R prses rgstry	New York Telephone Company
1934	Birch Helen clk	R. L. Polk & Co.
	Hullep John Mamie auto repr	R. L. Polk & Co.
	Birch Anne Wid thos	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Birch Thos A clk	R. L. Polk & Co.
	Blihar Frank Blihar Spring & Body Shop	R. L. Polk & Co.

4512 11TH ST

Year	Uses	Source
2005	Valasek Mary	Hill-Donnelly Information Services
1945	Cioffi S	New York Telephone
1939	Cioffi S	New York Telephone Company
1934	Di Grace Louise sweeper	R. L. Polk & Co.
	Bizzaro Frank Jennie lab	R. L. Polk & Co.
	Bizzaro Michl Mary	R. L. Polk & Co.
	Ciofo Salvator Susan formn	R. L. Polk & Co.

4514 11TH ST

Year	Uses	Source
2005	HPalno TA AO	Hill-Donnelly Information Services
	Carr Maclean	Hill-Donnelly Information Services
	h Bean Kevin p	Hill-Donnelly Information Services
2000	Kevin Bean	Cole Information Services
	Matt Dolingo	Cole Information Services
1934	Incantalupo Thos Dorothy lithog	R. L. Polk & Co.

4516 11TH ST

Year	Uses	Source
2005	h Ulino Veronica Mrs Aa	Hill-Donnelly Information Services
2000	Veronica	Cole Information Services
1970	Ulino Robt	New York Telephone
1967	Ulino Robt	New York Telephone
1962	Ulino Robt	New York Telephone Directory
1945	Ulino Robt	New York Telephone
1934	Ulino Robt I Angelina agt Met Life Ins Co	R. L. Polk & Co.
	Smith Richd Amelia firemn	R. L. Polk & Co.

4518 11TH ST

Year	Uses	Source
2005	Untitled Management o	Hill-Donnelly Information Services
	h Tisne Claire	Hill-Donnelly Information Services
	Cruz Vanessa vv	Hill-Donnelly Information Services
2000	J Mc Donnell	Cole Information Services
	Tsay Wen Ching	Cole Information Services

FINDINGS

Year	Uses	Source
2000	Thomas Bosket	Cole Information Services
1934	Mc Goldrick Jas Margt tax comnr Brooklyn	R. L. Polk & Co.
	Mc Goldrick Wm clk	R. L. Polk & Co.

4520 11TH ST

Year	Uses	Source
2013	M C JEWELRY CORP	Cole Information Services
2005	M C Jewelry Corp	Hill-Donnelly Information Services
2000	45TH RD INTS FROM	Cole Information Services
	Jewelry Corp	Cole Information Services

4528 11TH ST

Year	Uses	Source
2013	MICHAEL W YOUNG ASSOCS INC	Cole Information Services
2008	MY DESIGN GROUP	Cole Information Services
2005	My Design Group Inc IP	Hill-Donnelly Information Services
2000	D Studio	Cole Information Services
	Mydesign Group Inc	Cole Information Services
	Mydesign Group Inc	Cole Information Services
	My Design Grp Inc	Cole Information Services
	Allstar Intrntl	Cole Information Services
1945	Mulligan Thos F plumbr	New York Telephone
1939	Mulligan Thos F plumbr	New York Telephone Company
1934	Mulligan Thos F Margt plmbr	R. L. Polk & Co.

4530 11TH ST

Year	Uses	Source
1939	Sullivan Timothy J	New York Telephone Company
	Harding Theresa	New York Telephone Company
1934	Sullivan Timothy J Henrietta police	R. L. Polk & Co.
	Rossiter Thos E jr auto mech	R. L. Polk & Co.
	Harding Theresa wid Jos	R. L. Polk & Co.
	Rossiter John letter carrier	R. L. Polk & Co.
	Rossiter Thos E	R. L. Polk & Co.

4532 11TH ST

Year	Uses	Source
2013	LLC TRUCKING CORP	Cole Information Services
2005	h Dwyer Jennifer A	Hill-Donnelly Information Services
	Dwyer R C	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Lic Trucking Corp	Hill-Donnelly Information Services
2000	Dwyer	Cole Information Services
	William Dwyer	Cole Information Services
1945	Alifano Rocco	New York Telephone
1934	Santangelo Louis elev opr	R. L. Polk & Co.
	Santangelo Gennaro Eugenia floatmn	R. L. Polk & Co.
	Alifano Rocco Anna chauf	R. L. Polk & Co.
	Calci Rudolph Virginia barber	R. L. Polk & Co.

4534 11TH ST

Year	Uses	Source
2005	h Schladweller Keith v	Hill-Donnelly Information Services
	H Martin G 718 784 3502 s	Hill-Donnelly Information Services
2000	Jason Mc Kim	Cole Information Services
	G Martin	Cole Information Services
1945	Smyth Jos	New York Telephone
1934	Glenn John J Margt trucking	R. L. Polk & Co.
	Glenn John J jr police Mhn	R. L. Polk & Co.
	Glenn Arth clk	R. L. Polk & Co.
	Donnelly Geo J Frances city firemn	R. L. Polk & Co.

4535 11TH ST

Year	Uses	Source
2013	WAYLAND INDUSTRIES INC	Cole Information Services
2008	WAYLAND INDUSTRIES INC	Cole Information Services
	ASSEMBLY PROCESS CO INC	Cole Information Services
2005	Wayland Inc	Hill-Donnelly Information Services
2000	Wayland Indstrs	Cole Information Services

4536 11TH ST

Year	Uses	Source
2005	h VIttlglio S	Hill-Donnelly Information Services
2000	S Vittiglio	Cole Information Services
	Rolando Dur	Cole Information Services
	Cathy Vittiglio	Cole Information Services
1934	Oliveri Christina tel opr	R. L. Polk & Co.
	Augustine Louis Margt lab	R. L. Polk & Co.
	Oliveri Vincent Theresa brass turner	R. L. Polk & Co.
	Augustine Rocco Julia auto mech	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Oliveri Jos seamn	R. L. Polk & Co.

4538 11TH ST

Year	Uses	Source
2005	4540 NCL	Hill-Donnelly Information Services
2000	Hana A Dolgin	Cole Information Services
	Jason Sarach	Cole Information Services
1945	Carroll Dorothea A	New York Telephone
1934	Carroll Dan F	R. L. Polk & Co.
	Carroll Edw clk	R. L. Polk & Co.
	Carroll Gerald clk	R. L. Polk & Co.
	Carroll John J Anna V slsmn	R. L. Polk & Co.
	Carroll John J jr tchr	R. L. Polk & Co.

4540 11TH ST

Year	Uses	Source
2000	Catherine Mc Neil	Cole Information Services
1934	Henning Helen G tchr	R. L. Polk & Co.
	Henning Elizabeth bkpr	R. L. Polk & Co.
	Henning Jas clk	R. L. Polk & Co.
	Higgins Sylvester Winefred exmng inspr Commnr of Accounts	R. L. Polk & Co.

4542 11TH ST

Year	Uses	Source
2005	h Treanor Karen v	Hill-Donnelly Information Services
2000	Bethann Reese	Cole Information Services
	Ann Ducati	Cole Information Services
	Karen Treanor	Cole Information Services
	J Reese	Cole Information Services
1934	Dressler Aug Adelaide clk	R. L. Polk & Co.

4544 11TH ST

Year	Uses	Source
2005	Verhurst Christine	Hill-Donnelly Information Services
	h Mcgoff Michael 718 937 5255 o	Hill-Donnelly Information Services
	Mcgoff Michael	Hill-Donnelly Information Services
	is 718 784 9369 o	Hill-Donnelly Information Services
	Computer & Network Integrators	Hill-Donnelly Information Services
2000	Christine Verhurst	Cole Information Services

FINDINGS

Year	Uses	Source
2000	Christine Verhulst	Cole Information Services
	C Verhulst	Cole Information Services
	Kazimierz Prostko	Cole Information Services
	Alvaro Caro	Cole Information Services
1934	Walsh Edw sta eng	R. L. Polk & Co.
	Gallagher Patk lab	R. L. Polk & Co.
	Kingston Saml Sweeper	R. L. Polk & Co.

4546 11TH ST

Year	Uses	Source
2013	CCIA COMPUTER COOL AGE	Cole Information Services
2008	COMPUTERCOOL AIR CONDITIONING INC	Cole Information Services
	CCIA COMPUTER COOL AGE	Cole Information Services
	COMPUTER COOL ICEAGE MECHANICAL	Cole Information Services
2005	Ccla Inc	Hill-Donnelly Information Services
	Computercool Air Conditioning	Hill-Donnelly Information Services
2000	Ccia Inc	Cole Information Services
	46TH AV INTS FROM	Cole Information Services

4591 11TH ST

Year	Uses	Source
2005	465 Cars I	Hill-Donnelly Information Services

46-31 11TH ST

Year	Uses	Source
1950	SALOMONE ANTHONY W	New York Telephone

46-32 11TH ST

Year	Uses	Source
1950	MARINELLO M DELETTA MRS	New York Telephone

46-34 11TH ST

Year	Uses	Source
1950	WALTHAUSEN H	New York Telephone

46-37 11TH ST

Year	Uses	Source
1950	MORLARTY THOS F	New York Telephone

FINDINGS

46-41 11TH ST

Year	Uses	Source
1950	CALVIN MARGARET V MRS	New York Telephone

46-43 11TH ST

Year	Uses	Source
1950	BLECHI NICHOLAS	New York Telephone

46-44 11TH ST

Year	Uses	Source
1950	FAHNESTOCK ELEC CO INC	New York Telephone
	DERMOCARE FORMULA SOAP CORP	New York Telephone
	REINITZ SOAP CORP	New York Telephone
	SAFETY EXPRESS & TRUCKING INC	New York Telephone

4606 11TH ST

Year	Uses	Source
2013	SYMMETRY GROUP INC	Cole Information Services
2005	No Current Listing	Hill-Donnelly Information Services
2000	Vistaar Inc	Cole Information Services
	Bambl Reality	Cole Information Services
	Bures Cheml Syst	Cole Information Services
	Kuckuck Hommer	Cole Information Services

4609 11TH ST

Year	Uses	Source
2013	MERGE MARKETING	Cole Information Services
	BIG CITY GRAPHX & PRINTING	Cole Information Services
2008	BIG CITY GRAPH X & PRINTING	Cole Information Services
	MERGE MARKETING	Cole Information Services
	GENERAL INSULATION CO INC	Cole Information Services
2005	Pride Printing 2 o	Hill-Donnelly Information Services
	Merge Marketing 1 P	Hill-Donnelly Information Services
	Big City Graph X & Printing	Hill-Donnelly Information Services
	General Insulation Inc	Hill-Donnelly Information Services
2000	David Krohn	Cole Information Services
	Borgess Upholstery	Cole Information Services

4610 11TH ST

Year	Uses	Source
2013	MAJOR AIR SVCE CORP	Cole Information Services

FINDINGS

Year	Uses	Source
2008	MAJOR AIR SERVICE CORP	Cole Information Services
	SHROID REALTY CO	Cole Information Services
2005	Major Air Svc Corp 2 o	Hill-Donnelly Information Services
2000	Shroid Constr Inc	Cole Information Services
	Shroid Constr Inc	Cole Information Services
	46TH RD INTS FROM	Cole Information Services
1967	Flush Metal Partition Corp	New York Telephone
1962	Flush Metal Partition Corp	New York Telephone Directory
	Rachlin Geo lwyr	New York Telephone Directory
1945	Flush Metal Partition Corp	New York Telephone
	Rachlin Geo lwyr	New York Telephone

4613 11TH ST

Year	Uses	Source
1962	AAA Bindry Corp	New York Telephone Directory

4614 11TH ST

Year	Uses	Source
1934	Monahan John clk	R. L. Polk & Co.

4620 11TH ST

Year	Uses	Source
2013	4620 11 ST LLC	Cole Information Services
2008	AIR TECH COOLING INC	Cole Information Services
2005	Rush Forest LLC	Hill-Donnelly Information Services
1934	Donnelly Cath	R. L. Polk & Co.
	Donnelly Helen C libraian Queens Boro Pub Lib	R. L. Polk & Co.
	Donnelly John J swtchmn	R. L. Polk & Co.
	Donnelly Kath M clk	R. L. Polk & Co.
	Donnelly Mae sten	R. L. Polk & Co.
	Donnelly Maru clk pres BQ	R. L. Polk & Co.

4627 11TH ST

Year	Uses	Source
1934	Fazio Philip Josephine prsr	R. L. Polk & Co.
	Marzano Danl Angelina lab	R. L. Polk & Co.

FINDINGS

4629 11TH ST

Year	Uses	Source
1934	Polachek Mary wid Herman	R. L. Polk & Co.
	Rapaport Charlotte Polachek & Repaport	R. L. Polk & Co.
	Polachek Ely Charlotte Polachek & Rapaport	R. L. Polk & Co.

4630 11TH ST

Year	Uses	Source
1934	Cook Fredk Eleanor lab	R. L. Polk & Co.
	Cook Fredk jr lab	R. L. Polk & Co.

4631 11TH ST

Year	Uses	Source
1934	De Canio Carmela lndrymn	R. L. Polk & Co.
	De Canio Danl Jenny elev opr	R. L. Polk & Co.
	De Canio Lucy midwife	R. L. Polk & Co.
	De Canio Salvator Lucy confr	R. L. Polk & Co.
	Felli John Lucy auto mech	R. L. Polk & Co.

4632 11TH ST

Year	Uses	Source
2005	Interstate Exterminating Svc	Hill-Donnelly Information Services
2000	Intrstt Extrem Svc	Cole Information Services
	Reutokil	Cole Information Services
1934	Gween Agnes wid Harry	R. L. Polk & Co.
	Conway Richd lab	R. L. Polk & Co.
	Conway Peter jr clk	R. L. Polk & Co.
	Conway Peter lab	R. L. Polk & Co.
	Conway Francis ship clk	R. L. Polk & Co.

4633 11TH ST

Year	Uses	Source
1934	Monahan Frank blmkr	R. L. Polk & Co.
	Monahan Frank Maryu	R. L. Polk & Co.

4634 11TH ST

Year	Uses	Source
2013	RENTOKIL	Cole Information Services
	PINNACLE REALTY OF NY LLC	Cole Information Services
2008	DON ALAN REALTY ASSOCIATES INC	Cole Information Services

FINDINGS

Year	Uses	Source
2008	RENTOKIL INC	Cole Information Services
	RENTOKIL INC PEST CONTROL SERVICE	Cole Information Services
2005	Rentokil Pest Control Svc	Hill-Donnelly Information Services
	Don Alan Realty Assoc Inc	Hill-Donnelly Information Services
2000	Don ALN Rity Assoc	Cole Information Services
1934	Mc Vey Mary wid Henry	R. L. Polk & Co.
	Conlin Thos lab	R. L. Polk & Co.
	Mc Vey	R. L. Polk & Co.

4635 11TH ST

Year	Uses	Source
1934	Hays Nellie wid Timothy	R. L. Polk & Co.
	Ronan Elizabeth	R. L. Polk & Co.

4636 11TH ST

Year	Uses	Source
2013	MAVERICK CATERERS	Cole Information Services
2008	SAGE AMERICAN KITCHEN	Cole Information Services
2005	Cafe St Barts	Hill-Donnelly Information Services
	Sage American Kitchen 1n	Hill-Donnelly Information Services
1934	Babeuf Wm Mary firemn	R. L. Polk & Co.
	Maher Wm sweeper	R. L. Polk & Co.

4637 11TH ST

Year	Uses	Source
1934	Freeman Benj carrier PO	R. L. Polk & Co.

4639 11TH ST

Year	Uses	Source
1934	Garrett Cath	R. L. Polk & Co.
	Garrett Jas pntr	R. L. Polk & Co.

4641 11TH ST

Year	Uses	Source
1945	OBrien M Miss	New York Telephone
1939	OBrien M Miss	New York Telephone Company
1934	Monahan Delia Wid Patk	R. L. Polk & Co.
	OBrien Mary drsmkr	R. L. Polk & Co.
	OBrien Patk Margt	R. L. Polk & Co.

FINDINGS

4643 11TH ST

Year	Uses	Source
1939	Miller E G	New York Telephone Company
1934	Mc Grath John lab	R. L. Polk & Co.
	Mc Grath Thos Cath wtchmn	R. L. Polk & Co.

4644 11TH ST

Year	Uses	Source
2013	COLOR GRAPHIC PRESS INCORPORATED	Cole Information Services
2008	NEW YORK EMBLEMS & AWARDS	Cole Information Services
	SIMBA AWARDS LTD	Cole Information Services
2005	Drasdn Enterprise Inc	Hill-Donnelly Information Services
2000	47TH AV INTS FROM	Cole Information Services
	Simba Awards Ltd	Cole Information Services
	New York Emblerns & Awards	Cole Information Services
	Color Graphic PRS	Cole Information Services
	Douglas Metzler	Cole Information Services
	Robert Kingston	Cole Information Services
	Timothy Lee	Cole Information Services
1945	Reinitz F & Co Inc soaps	New York Telephone
1939	Fahnestock Electric Co	New York Telephone Company
1934	Govett Limited Y Thos Govett pres Ernest Clegg v pres Albert A Danda sec Ernest H Govett treas chemists mfrs	R. L. Polk & Co.
	Fahnestock Electric Co W Va Archie P Fabnestock pres Frank Fahnestock v pres Alf A Danda sec treas	R. L. Polk & Co.
	Collene Laboratories Inc NY A L Ferguson pres A A Galich sec Mrs Percy H Williams treas chemists	R. L. Polk & Co.

4645 11TH ST

Year	Uses	Source
1934	Bales Arth lab	R. L. Polk & Co.

4647 11TH ST

Year	Uses	Source
1934	Mc Cartan Jas lab	R. L. Polk & Co.
	Melican John Agnes lab	R. L. Polk & Co.

FINDINGS

4649 11TH ST

Year	Uses	Source
1939	Barrett Almyra Mrs	New York Telephone Company
1934	Barrett John Almyra clk	R. L. Polk & Co.

4653 11TH ST

Year	Uses	Source
1939	Augente F S	New York Telephone Company
1934	Augente Frank S clk	R. L. Polk & Co.
	Augente Michl	R. L. Polk & Co.

21ST RD

4527 21ST RD

Year	Uses	Source
1939	Mc Grath Fulton	New York Telephone Company

21ST ST

4522 21ST ST

Year	Uses	Source
1939	Cardone Julia	New York Telephone Company

4523 21ST ST

Year	Uses	Source
1962	Grease & Airduct Cleang Co Inc	New York Telephone Directory

4528 21ST ST

Year	Uses	Source
2013	MEDICAL OFFICE	Cole Information Services
	QUANTECH CORP	Cole Information Services
	PARKVIEW DENTAL CENTER	Cole Information Services
	POLICE SURVIVORS FUND	Cole Information Services
2008	PARKVIEW DENTAL CENTER	Cole Information Services
	FRANCISCO & VICENTE MDS	Cole Information Services
	SEA VIEW DENTAL PC	Cole Information Services
	QUANTECH CORP	Cole Information Services
	ANGELOS GEORGOPOULOS PC	Cole Information Services
	POLICE PAGES INC	Cole Information Services
	MEDICAL OFFICE	Cole Information Services
2005	Multi Unit Address	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	City Ride Car & Umo	Hill-Donnelly Information Services
	Dekhtyar Ella DDS 1 P	Hill-Donnelly Information Services
	Freyberg Ilya DDS I P	Hill-Donnelly Information Services
	Medical Office	Hill-Donnelly Information Services
	Parkview Dental Ctr I P	Hill-Donnelly Information Services
	Police Pages Inc	Hill-Donnelly Information Services
	Police Scholarship Fund Inc	Hill-Donnelly Information Services
	Police Survivors Fund c 718 392 4497 oi	Hill-Donnelly Information Services
	Quantech Corp i s	Hill-Donnelly Information Services
	White Roger	Hill-Donnelly Information Services
	Whos Who Among American Atty	Hill-Donnelly Information Services
1991	A & S & R Commercial Lighting Power Co Inc	NYNEX Information Resource Company
	L I C Beer Distrbtrs Inc	NYNEX Information Resource Company
	Malik Constr Co	NYNEX Information Resource Company
	Malik Waterproofing & Restoration Inc	NYNEX Information Resource Company
	Mergler Mark DDS PC	NYNEX Information Resource Company
1983	ECMC INC	New York Telephone
1970	Adams A M Realty & Ins	New York Telephone
	CHRYSLER IHDUSTRL CONTRACT & CORP	New York Telephone
	Corrieri John A b	New York Telephone
	COURT SQ OFFICE CLEANG CO	New York Telephone
	Dracco Div of Fuller Co	New York Telephone
	Grease & Airduct Cleang Co Inc	New York Telephone
	Vitalyte	New York Telephone
1967	Cavanna Paul rl est	New York Telephone
	CHRYSLER INDUSTRL CONTRACTG CORP	New York Telephone
	Corrieri John A b	New York Telephone
	COURT SQ OFFICE CLEANG CO	New York Telephone
	Dracco Div of Fuller Co	New York Telephone
	Grease & Airduct Cleang Co Inc	New York Telephone
	Johnson J Albin	New York Telephone
	Quaglia Eugene A mfrs rep	New York Telephone
	Russell John F b	New York Telephone
	Slough De Flon coolg towrs	New York Telephone
	Town & Country Interior Cleang	New York Telephone
	Vitalyte	New York Telephone
1962	Albert Arthur clik cashing svce	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Atlas Co lagrs	New York Telephone Directory
	Brite Prods	New York Telephone Directory
	Cake Creations Co	New York Telephone Directory
	Chrysler Industrl Contractg Corp	New York Telephone Directory
	COURT SQ OFFICE CLEANG CO	New York Telephone Directory
	Dracco Div of Fuller Co	New York Telephone Directory
	Horn D A Co	New York Telephone Directory
	Johnson J Albin gas heatrs	New York Telephone Directory
	Pantry Pastries Inc	New York Telephone Directory
	Pantry Pantries Inc	New York Telephone Directory
	Russell John F b	New York Telephone Directory
	Thornquist Dewey H brkr	New York Telephone Directory
	Town Hse Cosmetics Inc	New York Telephone Directory
	Vitalyte	New York Telephone Directory
	Wall Colmonoy Corp	New York Telephone Directory
	Zinman A & B Inc	New York Telephone Directory
1945	Court Sq House Cleaning Co	New York Telephone
	Cristando & Co artfcl flwrs	New York Telephone
	Residence	New York Telephone
1939	Acme Sponge & Chamols Co Inc	New York Telephone Company
	Liss Chas S	New York Telephone Company
1934	Calderon Roger Marie bkpr	R. L. Polk & Co.
	Della Jacono Marie wid Fredk	R. L. Polk & Co.
	Della Jacono Theo Lena	R. L. Polk & Co.
	Della Iacono Marie wid Fredk	R. L. Polk & Co.
	Della Iacono Theo Lena	R. L. Polk & Co.
	Lasky Isidore Sadie delicatessen	R. L. Polk & Co.
	Mammone Giuseppe Carmela confr	R. L. Polk & Co.

4532 21ST ST

Year	Uses	Source
1967	Perez Librada	New York Telephone

4533 21ST ST

Year	Uses	Source
2013	IGLESIA NI CRISTO CHURCH	Cole Information Services
2008	IGLESIA NI CRISTO	Cole Information Services
2005	Iglesia Ni Cristo	Hill-Donnelly Information Services
	h Iglesia Ni Cristo A	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Iiglesia Ni Cristo Church	Hill-Donnelly Information Services
1991	Iglesia Ni Cristo	NYNEX Information Resource Company
	Iglesia Ni Cristo Church	NYNEX Information Resource Company
	Rafanan David	NYNEX Information Resource Company
1983	IGLESIA NI CRISTO	New York Telephone
	Iglesia Ni Cristo Church	New York Telephone
	Rafanan David	New York Telephone
1967	Darmstadt Ralph Rev	New York Telephone
1962	Nugent Randolph W Jr Rev	New York Telephone Directory
	VanAlst Av Methodist Church	New York Telephone Directory
1945	McDermott Wm R Rev	New York Telephone
1939	Schoonhoven Wilbur E Rev	New York Telephone Company
1934	Schoonhoven Wilbur E Rev pastor Grace M E Church	R. L. Polk & Co.

4536 21ST ST

Year	Uses	Source
1976	HUTZLER MFG CO plstcs	New York Telephone
1970	HUTZLER MFG CO plstcs	New York Telephone
1967	HUTZLER MFG CO plstcs	New York Telephone
1962	HUTZLER MFG CO plstcs	New York Telephone Directory

4537 21ST ST

Year	Uses	Source
2013	METROCOM SVCES INC	Cole Information Services
2008	TUTTLE ROOFING CO INC	Cole Information Services
2005	Tuttle Roofing Co Inc	Hill-Donnelly Information Services
1991	Pioneer Graphics Inc	NYNEX Information Resource Company
	Pioneer Graphics Inc	NYNEX Information Resource Company
1983	IDEAL ROOFING & SHEET METALS CORP	New York Telephone
1976	Arrow Bldg Restoration Inc	New York Telephone
1970	Heffron Z F	New York Telephone
1967	Oldford Edw J	New York Telephone
1962	Oldford Edw J	New York Telephone Directory
	Kottl Warren	New York Telephone Directory
1945	OLeary Arthur E	New York Telephone
	Bruschi Margaret	New York Telephone
1934	Opperman Chas mach	R. L. Polk & Co.
	OLeary Arth clk	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Bruschi John Jane hlpr	R. L. Polk & Co.

4539 21ST ST

Year	Uses	Source
2005	h Brown Paul A	Hill-Donnelly Information Services
	Sbihi Amin v 718	Hill-Donnelly Information Services
1991	Barthelemy Ricardo	NYNEX Information Resource Company
	Tastaeca Waldo L	NYNEX Information Resource Company
1983	Barthelemy Ricardo	New York Telephone
	Tastaca Waldo L	New York Telephone
1976	Aviles Michael	New York Telephone
1970	DeMartino Catherine M	New York Telephone
	Oldford Edward A Jr	New York Telephone
1967	DeMartino Catherine M	New York Telephone
1962	DeMartino Catherine M	New York Telephone Directory
	Drowica Al	New York Telephone Directory
1945	Jaeger Marie Mrs	New York Telephone
	Haefelin Martha Mrs	New York Telephone
1939	Haefelin Martha Mrs	New York Telephone Company
1934	Haefelin Martha wid Jos midwife	R. L. Polk & Co.
	Herlihy Hannah wid Patk	R. L. Polk & Co.
	Herlihy Hannah wid Patk	R. L. Polk & Co.
	Schiller John Margt meat ctr	R. L. Polk & Co.
	Sciller John Margt meats	R. L. Polk & Co.

4540 21ST ST

Year	Uses	Source
2013	TCM CORP	Cole Information Services
	FORTUNE PAPER COMPANY INCORPORATED	Cole Information Services
	BEAM SUPPLY	Cole Information Services
2005	Beam Supply	Hill-Donnelly Information Services
	East Coast Plastic Bag Co	Hill-Donnelly Information Services
	Fortune Paper Co Inc	Hill-Donnelly Information Services
	Supplies Unlimited LLC	Hill-Donnelly Information Services
1991	Fortune Paper Co Inc	NYNEX Information Resource Company
1983	Beam Supply Inc	New York Telephone
1976	Lopol Inc	New York Telephone
1970	Plas Kit Co kitchenwares	New York Telephone

FINDINGS

Year	Uses	Source
1967	Plas Kit Co kitchenwares	New York Telephone
1962	Plas Kit Co kitchenwarcs	New York Telephone Directory

4543 21ST ST

Year	Uses	Source
2013	JUSLER ELECTRIC	Cole Information Services
2008	SCHINDLER ELEVATOR CORP	Cole Information Services
2005	Boom Construction Inc 20 718 937 3517 o	Hill-Donnelly Information Services
1983	Castro Carmina T	New York Telephone
	Oller Lourdes	New York Telephone
	Castro T T	New York Telephone
1970	Murray Lawrence J	New York Telephone
1967	Murray Lawrence J	New York Telephone
1962	Murray Lawrence J	New York Telephone Directory
1945	Curran John J	New York Telephone
1934	Murray Della Peter	R. L. Polk & Co.
	Murray Ann clk	R. L. Polk & Co.
	Murry Lawrence Mary printer	R. L. Polk & Co.
	Murray Peter printer	R. L. Polk & Co.

4544 21ST ST

Year	Uses	Source
1939	Heim Edw Rev	New York Telephone Company
1934	Heim Edw rector St Johns Church	R. L. Polk & Co.

4545 21ST ST

Year	Uses	Source
2005	Gatus Wemer	Hill-Donnelly Information Services
	H Gatus Demetria O 718 937 9710 oo	Hill-Donnelly Information Services
	h Austria Amalia A	Hill-Donnelly Information Services
1991	Pagan Elena S	NYNEX Information Resource Company
1983	Pagan Maria I	New York Telephone
	Pagan Elena S	New York Telephone
1970	Walsh Maura R	New York Telephone
1967	Walsh Maura R	New York Telephone
1962	Walsh Maura R	New York Telephone Directory
1945	Flanagan Nellie Mrs	New York Telephone
	Walsh Thos	New York Telephone
1934	Walsh Thos Frances chauf	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Turley Mary	R. L. Polk & Co.
	Kline Anna	R. L. Polk & Co.

4546 21ST ST

Year	Uses	Source
2013	ASYMPTOTE ARCHITECTURE	Cole Information Services
	WEIL OKS	Cole Information Services
2008	NEW NY METROPOHITAN TRANSPORTATION C	Cole Information Services
	NEW YORK OFFICE SYSTEMS INC	Cole Information Services
2005	Garth Clark Gallerys Project	Hill-Donnelly Information Services
1983	Private Industry Council	New York Telephone
	Private Sanitation Union Local	New York Telephone
	Career Svce Inc	New York Telephone
1976	Alloy Casting Co	New York Telephone
1970	Wrhse	New York Telephone
1967	Wrhse	New York Telephone
1962	GAS CONSUMERS SVCE emergncy genl ofc	New York Telephone Directory
	Wrhse	New York Telephone Directory
	Schneiders Peter Sons & Co uphlstry fabrcs	New York Telephone Directory

4587 21ST ST

Year	Uses	Source
1934	Flyn John	R. L. Polk & Co.

4601 21ST ST

Year	Uses	Source
2013	P S ONE	Cole Information Services
	M WELLS DINETTE	Cole Information Services
2008	INSTITUTE FOR CONTEMPORARY ART	Cole Information Services
2005	Institute Contemporary Art	Hill-Donnelly Information Services
1991	P S One Div Of Inst For Art & Urban Resources Inc	NYNEX Information Resource Company
1983	P S One Div Of Inst For Art & Urban Resources Inc	New York Telephone
	Scharf Kenny	New York Telephone
	Kaps Ferne b	New York Telephone
	Mac Lennan T	New York Telephone
	Institute For Art & Urban Resources Inc	New York Telephone

Year	Uses	Source
1976	Economic Opportunity Act Adult Educ	New York Telephone
1970	Economic Opportunity Act Adult Educ	New York Telephone
1967	Economic Opportunity Act Adult Educ	New York Telephone

4602 21ST ST

Year	Uses	Source
2013	AMERICAN POSTAL WORKERS UNIT LOCAL 1	Cole Information Services
	LL CITY POSTAL EMPLOYEES FED CREDIT	Cole Information Services
2008	UNITED STATES POSTAL SERVICE	Cole Information Services
	LI CITY POSTAL EMPLOYEES FED CREDIT	Cole Information Services
2005	US Post O	Hill-Donnelly Information Services
	US Passport Acceptance	Hill-Donnelly Information Services
	Apwu Office 1 0 718 937 7858 o	Hill-Donnelly Information Services
	LI City Postal Employee Cu	Hill-Donnelly Information Services
1991	LI City Postal Employees Fed Credit Union	NYNEX Information Resource Company
1983	LI City Postal Employees Fed Credit Union	New York Telephone
1976	LI CITY Postal Employees Fed Credit Union	New York Telephone
1970	LI City Postal Employees Fed Credit Union	New York Telephone
	LIC	New York Telephone
1967	LI City Postal Employees Fed Credit Union	New York Telephone
1962	LI City Postal Employes Fad Credit Union	New York Telephone Directory
1939	L I City sta	New York Telephone Company
1934	POST OFFICE LONG ISLAND CITY William J Thorton Postmaster James B Keegan Assiastant Postmaster Francis X Hussey Supt of Mails Dennis J Melnerney Asst Supt of Mails	R. L. Polk & Co.

44TH DR

1034 44TH DR

Year	Uses	Source
2013	GOODMART LLC	Cole Information Services
	BRICKHOUSE CERAMIC ART CENTER	Cole Information Services
	JFD SALES CONSULTING SERVICES	Cole Information Services
	GDO CONTRACTING CORP	Cole Information Services

Year	Uses	Source
2013	KISKA DEVELOPERS INC	Cole Information Services
	KISKA CONSTRUCTION	Cole Information Services
2008	KISKA CONSTRUCTION INC	Cole Information Services
	DECOTRIM INC	Cole Information Services

1038 44TH DR

Year	Uses	Source
1939	RKS Transptn Co	New York Telephone Company

1039 44TH DR

Year	Uses	Source
2005	Dentex Research Dev Corp	Hill-Donnelly Information Services
2000	Dentex Rsrch Dev	Cole Information Services
1991	R J S Constr Corp	NYNEX Information Resource Company
	O E C Installations	NYNEX Information Resource Company
	Overseas Electric Corp	NYNEX Information Resource Company
	Overseas Interx Inc JFK Intrntnl Airpt @Jamaica@	NYNEX Information Resource Company
	Overseas National Airlines JFK Intrntnl Airpt @Jamaica@	NYNEX Information Resource Company
1976	Hispano Amer Publications	New York Telephone
1962	Siemens New York Inc dntl div	New York Telephone Directory

1040 44TH DR

Year	Uses	Source
2013	VASTU IMPORTS INC	Cole Information Services
2008	SIMPLEXGRINNELL	Cole Information Services
2005	Simplex Grinnell o	Hill-Donnelly Information Services
1983	Alde Taxi Meter Svce Co	New York Telephone
1970	Dover Laos Inc	New York Telephone
	Simon Clarence K b	New York Telephone
1967	Dover Labs Inc	New York Telephone
	NationWide Plastics Co Inc	New York Telephone
	NATL AIRLINES INC	New York Telephone
	Simon Clarence K b	New York Telephone
1962	DOMINION PRODS INC flavr bases	New York Telephone Directory
	Dover Labs Inc	New York Telephone Directory
	Simon Clarence K b	New York Telephone Directory

FINDINGS

1043 44TH DR

Year	Uses	Source
2013	JOHN BROWN	Cole Information Services
2008	LA VUELTA	Cole Information Services
	COFFEE MAKER FOODS INC	Cole Information Services
2005	La Vuelta 1 R	Hill-Donnelly Information Services
	Anfdis I William	Hill-Donnelly Information Services
2000	Kim Tobey	Cole Information Services
1991	Wolejsza Alexndr	NYNEX Information Resource Company
1983	Wolejsza Alexndr	New York Telephone
1970	Wolejsza Alexndr	New York Telephone
	Polo Cafeteria	New York Telephone
1967	Wolejsza Alexndr	New York Telephone
	Polo Cafeteria	New York Telephone
1962	Wolejsio Michaelina P	New York Telephone Directory
1945	Polo Cafeteria	New York Telephone
1934	Wolesy Milton ship clk	R. L. Polk & Co.
	Wolesy Alex Petronella confr	R. L. Polk & Co.
	Walsh Milton clk	R. L. Polk & Co.
	Walsh Alex Petronella confr	R. L. Polk & Co.
	Wolesy Wm	R. L. Polk & Co.

1050 44TH DR

Year	Uses	Source
2013	EAST RIVER COFFEE SHOP	Cole Information Services
2008	EAST RIVER COFFEE SHOP	Cole Information Services
2005	Shiromasa Klyoko v	Hill-Donnelly Information Services
	Abrego M AO	Hill-Donnelly Information Services
	h Carstens Greg A	Hill-Donnelly Information Services
	East River Coffee Shop 11 R	Hill-Donnelly Information Services
	Keeton Mark	Hill-Donnelly Information Services
	Lynch John	Hill-Donnelly Information Services
	Pascual Richard AC	Hill-Donnelly Information Services
1991	East River Coffee Shop	NYNEX Information Resource Company
	Maria Clara Inc	NYNEX Information Resource Company
	Rabeiro Wagner	NYNEX Information Resource Company
	Webster Chris	NYNEX Information Resource Company
	Crawford Kevin	NYNEX Information Resource Company
	Cain J	NYNEX Information Resource Company
	Boccate Jose	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Carstens Greg	NYNEX Information Resource Company
1983	Perry R	New York Telephone
	Jack & Jill Bucket Inc	New York Telephone
	Hecht Leon	New York Telephone
	Caldona Rafael	New York Telephone
	Balloonacy Inc	New York Telephone
1970	Twomey D bar Gril	New York Telephone
	Aguilar Bonita	New York Telephone
	Hagdorn Wm	New York Telephone
	Pforr Harry	New York Telephone
	Sepulveda Luis	New York Telephone
1967	Aguilar Bonita	New York Telephone
	Hagdorn Wm	New York Telephone
	Lallemand Guy	New York Telephone
	Pforr Harry	New York Telephone
	Twomey D bar gril	New York Telephone
1962	Aguilar Bonita	New York Telephone Directory
	Bicknell Margaret	New York Telephone Directory
	Hagdorn Wm	New York Telephone Directory
	Lauer Frank	New York Telephone Directory
	Pforr Harry	New York Telephone Directory
	Twomey D bar grill	New York Telephone Directory
1945	Lauer Frank	New York Telephone
1939	Lauer Frank	New York Telephone Company
1934	Fox Wm T Cath sexton	R. L. Polk & Co.
	Fisher Ernest A Bonita pntr	R. L. Polk & Co.
	Farrell Henry Rachel driver	R. L. Polk & Co.
	Carroll Mary wid Jas J	R. L. Polk & Co.
	Carroll Jos M lab	R. L. Polk & Co.
	Audisrch Otto Anna auto mech	R. L. Polk & Co.

1056 44TH DR

Year	Uses	Source
1934	Lauer Frank Marie slsmn	R. L. Polk & Co.

1105 44TH DR

Year	Uses	Source
2013	DIGITAL INK	Cole Information Services
	COSMOS COMMUNICATIONS	Cole Information Services

FINDINGS

Year	Uses	Source
2013	HARLIN PRINTING SERVICES INC	Cole Information Services
	LC PREMIUM LTD	Cole Information Services
2008	WINSON SURNAMER INC	Cole Information Services
	COSMOS COMMUNICATIONS INC	Cole Information Services
	ALTERNATIVE SOURCE CATALOG CO	Cole Information Services
2005	Catalog King 2 R	Hill-Donnelly Information Services
	Cosmos Communications Inc	Hill-Donnelly Information Services
	Mohican Press	Hill-Donnelly Information Services
	Winson Sumamer Inc	Hill-Donnelly Information Services
2000	Cosmos Cmmnctns	Cole Information Services
	Winson Smmir Inc	Cole Information Services
1991	Cosmos Communications Inc	NYNEX Information Resource Company
	Doublet Festitub	NYNEX Information Resource Company
	Performance Designs Inc	NYNEX Information Resource Company
	Seal Kap Packaging Inc	NYNEX Information Resource Company
1983	Seal Kap Packaging Inc	New York Telephone
	Seal Kap Packaging Inc	New York Telephone
1970	Haskon Inc	New York Telephone
1967	Haskon Inc	New York Telephone
1962	Amer Seal Kap Corp	New York Telephone Directory
	Constellation Cup Corp	New York Telephone Directory
	Seal Kap Co	New York Telephone Directory
1945	Amer Seal Kap Corp	New York Telephone
	Seal Kap Co	New York Telephone
1939	American Seal Kap Corp	New York Telephone Company
	Seal Kap Co	New York Telephone Company
1934	ODonnell Geo K pres Am Seal Kap Corp	R. L. Polk & Co.

1110 44TH DR

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services

1111 44TH DR

Year	Uses	Source
2013	CELNET COMMUNICATIONS	Cole Information Services
	ONE TO ONE INC	Cole Information Services
2008	THE PERFECT CONNECTION GROUP LLC	Cole Information Services
	THE CELLULAR NETWORK COMMUNICATION G	Cole Information Services

FINDINGS

Year	Uses	Source
2008	1818 AVE N LLC	Cole Information Services
	MATRIX MARKETING SERVICE INC	Cole Information Services
2005	Cel Net Communications	Hill-Donnelly Information Services
1991	BERGER GLASS & LOCK CO	NYNEX Information Resource Company
1934	Royal Blue Line Jos Cook forma	R. L. Polk & Co.

1112 44TH DR

Year	Uses	Source
1991	Luigis Sport Car Repr	NYNEX Information Resource Company
1983	The French Acassan & Genl Goods Inc	New York Telephone
	Frenchs Acassan & Genl Goods Inc	New York Telephone
	ATLAM AUTO BODY SHOP	New York Telephone
1976	Climaster Inc	New York Telephone
1970	Toyo Rug CoLtd	New York Telephone

1114 44TH DR

Year	Uses	Source
1962	Cruz Hector	New York Telephone Directory
1934	Coln Frank Kate chauf	R. L. Polk & Co.

1116 44TH DR

Year	Uses	Source
2013	POSADA BROTHERS AUTO	Cole Information Services
2008	POSADA BROTHERS AUTO REPAIR	Cole Information Services
2005	Posada Brothers Auto Repair	Hill-Donnelly Information Services
2000	Posada Bros At Rpr	Cole Information Services
1991	LUIGIS SPORTS CAR REPAIR INC	NYNEX Information Resource Company
1970	Hotel & Theatr Carpt Corp wrhse	New York Telephone
1945	Udylite Corp	New York Telephone

1121 44TH DR

Year	Uses	Source
2013	LOCKS & LOCKSMITHS	Cole Information Services
	MY LOCKSMITH	Cole Information Services

1133 44TH DR

Year	Uses	Source
1934	Passarelle Anthony Rose plstr	R. L. Polk & Co.

FINDINGS

1134 44TH DR

Year	*Uses*	*Source*
2005	h Antell K v 718 361 6988 oo	Hill-Donnelly Information Services
	Ditzler Anne	Hill-Donnelly Information Services
	h Mommaas Marc 718 482 1345 oo	Hill-Donnelly Information Services
	h Sabater Gloria AO	Hill-Donnelly Information Services
	h Trinidad Andres AV	Hill-Donnelly Information Services
	Zelig Shauna v O	Hill-Donnelly Information Services
2000	James Bove	Cole Information Services
1991	Eldredge Lynn	NYNEX Information Resource Company
	Gobaira Valerie	NYNEX Information Resource Company
	Johnston Gail	NYNEX Information Resource Company
	Mac Namara Pete	NYNEX Information Resource Company
	Martinez Virginia Mrs	NYNEX Information Resource Company
	Ng Scott	NYNEX Information Resource Company
	Nova Christian	NYNEX Information Resource Company
	Popiel E	NYNEX Information Resource Company
	Vankeuren Kirsten	NYNEX Information Resource Company
	Trinidad Andres	NYNEX Information Resource Company
1983	Mendoza Amoldo	New York Telephone
1976	Hager Stephen	New York Telephone
1970	Almodovar Mirtha	New York Telephone
	Dominguez Jose	New York Telephone
	Hager Stephen	New York Telephone
	Martinez Virginia Mrs	New York Telephone
	Morales Crisostomo	New York Telephone
1967	Dominguez Jose	New York Telephone
	Fries John A	New York Telephone
	Holbrook Chas E	New York Telephone
	Rodriguez Ramon	New York Telephone
1962	Caldicott Florence	New York Telephone Directory
	Dominguez Jose	New York Telephone Directory
	Fries John A	New York Telephone Directory
	Lo Presti Giuseppe	New York Telephone Directory
	Ramirez Carmen	New York Telephone Directory
	Santana Jose	New York Telephone Directory
	Stanisci Jos J	New York Telephone Directory
1934	Murray Hugh Rowena gas atndt Mhn	R. L. Polk & Co.
	Brady Peter J porter	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Cook Alex sarah Ironwkr	R. L. Polk & Co.
	Devlin John J lab	R. L. Polk & Co.
	Fowler John Eleanor handymn	R. L. Polk & Co.
	Gaffney Patk J Agnes lab	R. L. Polk & Co.
	Halloran Michl A ct atndt	R. L. Polk & Co.
	Hayes Lillian	R. L. Polk & Co.
	Hayes Patk J Delia police	R. L. Polk & Co.
	Kyne Timothy Delia hlpr Dept Sanita	R. L. Polk & Co.
	Kyne Timothy seamn	R. L. Polk & Co.
	Bodeker Otto Susan lab	R. L. Polk & Co.
	Mc Shane Peter Rose lab	R. L. Polk & Co.
	Lynch Thos fcty wkr	R. L. Polk & Co.
	Pathe Jas J Delia lab	R. L. Polk & Co.
	Robidoux Edw Stella show opr	R. L. Polk & Co.
	Smith Thos Mary supvr	R. L. Polk & Co.
	Sullivan Cornelius Margt blksmith	R. L. Polk & Co.
	Turner Howard capper	R. L. Polk & Co.
	Turner John sta eng	R. L. Polk & Co.
	Turner Jos Jennie lab	R. L. Polk & Co.
	Turner Jos jr auto mech	R. L. Polk & Co.

1136 44TH DR

Year	Uses	Source
2008	FANCY PLUS SIZE DRESSES	Cole Information Services
2005	Pope Brielle v	Hill-Donnelly Information Services
	Numbr 5 h Quintero Luis A	Hill-Donnelly Information Services
	Muti Unit Address	Hill-Donnelly Information Services
	Numbr 10 h Bedoya Henry v	Hill-Donnelly Information Services
	Chavero Jorge	Hill-Donnelly Information Services
	Numbr 7 h Oiff Obrd Leonora A	Hill-Donnelly Information Services
	Fancy Plus Size Dresses	Hill-Donnelly Information Services
	Numbr 1 Knapp Daniel v	Hill-Donnelly Information Services
	Numbr 8 h Perez Dionicao 00 718 786 9794 a	Hill-Donnelly Information Services
	Numbr 13 h Perez Frandsca	Hill-Donnelly Information Services
2000	Apartments Henry Bedoya Jr	Cole Information Services
	Hugo Bravo	Cole Information Services
	Bertha Carlin	Cole Information Services
1991	Carlin Bertha	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Arocho Argentina	NYNEX Information Resource Company
	Bedoya Henry	NYNEX Information Resource Company
	Chaux Luis Alberto	NYNEX Information Resource Company
	Clifford Leonora	NYNEX Information Resource Company
	De Leon Jose	NYNEX Information Resource Company
	Mulholland Julia	NYNEX Information Resource Company
	Perez Dionicio	NYNEX Information Resource Company
1983	Carlin Bertha	New York Telephone
	Mulholland Julia Mrs	New York Telephone
1976	Ayala Marcelo	New York Telephone
	Carlin Bertha	New York Telephone
	Cruz Luis	New York Telephone
	Domenech Rosa	New York Telephone
	Estrella F	New York Telephone
1970	Carlin Benna	New York Telephone
	Domenech Rosa	New York Telephone
	Medina Guillermo	New York Telephone
	Mulholland Julia Mrs	New York Telephone
	Munoz Gerardo	New York Telephone
	Rosado Josefa	New York Telephone
1967	Almirall Bartolo	New York Telephone
	Boghosian Sara	New York Telephone
	Carlin Bertha	New York Telephone
	de losSantos Pedro	New York Telephone
	Domenech Rosa	New York Telephone
	Griffin Desnsond	New York Telephone
	Hager Stephen	New York Telephone
	Landusky Frank	New York Telephone
	Mulholland Julia Mrs	New York Telephone
	Sarbak Chester	New York Telephone
	Weser Lena Mrs	New York Telephone
1962	Barbagallo Alfio	New York Telephone Directory
	Boghosiats Chas	New York Telephone Directory
	Boghosian Sara	New York Telephone Directory
	Carlin Bertha	New York Telephone Directory
	Franqui Jose	New York Telephone Directory
	Hager Stephens	New York Telephone Directory
	Mills Maureen	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Pabon Alice	New York Telephone Directory
	Pereira Frank	New York Telephone Directory
	Wellstood Jas C	New York Telephone Directory
	Weser Lena Mrs	New York Telephone Directory
1945	Barone Anthony	New York Telephone
1939	Synek Jerry	New York Telephone Company
1934	Beaton Wm Helen carp	R. L. Polk & Co.
	Brown Thos lab	R. L. Polk & Co.
	Devyer R eng Bonefide Cleaning & Dyeing Inc	R. L. Polk & Co.
	Dwyer Robt Margt eng	R. L. Polk & Co.
	Garvey Nora wid Owen dom	R. L. Polk & Co.
	Kimmel Meyer Mary shoe opr	R. L. Polk & Co.
	Ladisa Frank Laura printer	R. L. Polk & Co.
	Lebedeff Alex pntr	R. L. Polk & Co.
	Lebedeff Nicholas elev opr	R. L. Polk & Co.
	Loughlin John Margt brakemn	R. L. Polk & Co.
	Luongn Michl Mildred lab	R. L. Polk & Co.
	Mc Guire John Amelia bus driver	R. L. Polk & Co.
	Raymond Geo Ethel restr mgr	R. L. Polk & Co.
	Vazquez Cecilia Mrs	R. L. Polk & Co.
	Vazquez Louis Andrew J presser	R. L. Polk & Co.
	Wepner Wm H Anna police	R. L. Polk & Co.
	Carlin John Bertha hlpr	R. L. Polk & Co.

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Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 12 h Arias Jose Luis 7 718 472 4983 oo	Hill-Donnelly Information Services
	Numbr 6 h Connors Tracy	Hill-Donnelly Information Services
	Numbr 12 Di Masi Marietta AV	Hill-Donnelly Information Services
	Numbr 5 h Duran Rina	Hill-Donnelly Information Services
	Espina Tinia	Hill-Donnelly Information Services
	Numbr 2 h Holbrook Craig	Hill-Donnelly Information Services
	Juan Emigdio v	Hill-Donnelly Information Services
	Numbr 10 h Lara Oscar	Hill-Donnelly Information Services
	Numbr 16 h Pena Juan v 718 784 8239 00oo	Hill-Donnelly Information Services
	h Peraza Francsca v	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2000	Francisca Peraz	Cole Information Services
	Angela Rodriguez	Cole Information Services
	Apartments Abraham Almodovar	Cole Information Services
	Jose L Arias	Cole Information Services
	Jose Charrez	Cole Information Services
	Marietta Dimasi	Cole Information Services
	Hal Holbrook	Cole Information Services
	Oscar Lar	Cole Information Services
1991	Creighton Jennifer	NYNEX Information Resource Company
	Di Masi Joseph Jr	NYNEX Information Resource Company
	Frierson John	NYNEX Information Resource Company
	Heffernan Margaret	NYNEX Information Resource Company
	Hobrook Harold	NYNEX Information Resource Company
	Hoiwrook Limousines	NYNEX Information Resource Company
	Lara Oscar	NYNEX Information Resource Company
	Cardona Luz Amparo	NYNEX Information Resource Company
	Rave Gladys	NYNEX Information Resource Company
	Vasquez Luciana	NYNEX Information Resource Company
	Buckley Sandra	NYNEX Information Resource Company
1983	Santillan Sixto	New York Telephone
	Di Masi Joseph Jr	New York Telephone
	Holbrook Limousines	New York Telephone
	Mason Victor	New York Telephone
	Sendzik Edw	New York Telephone
	Stanisci A J	New York Telephone
	Telesca Marie	New York Telephone
1976	Di Masi R B	New York Telephone
1970	Cannizzo Rose	New York Telephone
	Guglielmi Thos	New York Telephone
	Holbrook Harold	New York Telephone
	Ricotta Peter	New York Telephone
	Schmidt John	New York Telephone
	Tarsitano Napoleone	New York Telephone
	Telesca Frank	New York Telephone
1967	Eberl Herbert	New York Telephone
	Gil Cesarlo	New York Telephone
	Guglielmi Thos	New York Telephone
	Holbrook Harold	New York Telephone

FINDINGS

Year	Uses	Source
1967	Lisa Rose Mrs	New York Telephone
	Petarban Jullio	New York Telephone
	Rico Frank J	New York Telephone
	Ricotta Peter	New York Telephone
	Telesca Frank	New York Telephone
1962	Sendzik Edw	New York Telephone Directory
	Shchurko Waiter	New York Telephone Directory
	Stanisci A J	New York Telephone Directory
	Telesca Frank	New York Telephone Directory
	Barone Anthony	New York Telephone Directory
	Brown E J	New York Telephone Directory
	DiMasi Jos V	New York Telephone Directory
	Gil Cesario	New York Telephone Directory
	Guglielmi Thos	New York Telephone Directory
	Rico Frank J	New York Telephone Directory
1945	Asen A Mrs	New York Telephone
	Schwartz Ignatz	New York Telephone
	Walsh May V	New York Telephone
1939	Schwartz Ignatz	New York Telephone Company
1934	Blessinger Adelaide Mrs waitress	R. L. Polk & Co.
	Brodsky Nathan Kate pntr	R. L. Polk & Co.
	Deutsch Julia	R. L. Polk & Co.
	Fichtel Jos kitchenmn	R. L. Polk & Co.
	Gablenz Minnie wid Wm	R. L. Polk & Co.
	Hodi Alex Hermina carp	R. L. Polk & Co.
	Hodi Lanzo chauf	R. L. Polk & Co.
	Hodi Mary actress	R. L. Polk & Co.
	Mc Neil Alex Mary carp	R. L. Polk & Co.
	Mc Neil John Cath lab	R. L. Polk & Co.
	Palumbo Anthony Margt chauf Mhn	R. L. Polk & Co.
	Palumbo Jos chauf Mhn	R. L. Polk & Co.
	Reid John P Eva M carp	R. L. Polk & Co.
	Rubino Geo Mary bldg supt	R. L. Polk & Co.
	Schwartz Ignatz Anna mech	R. L. Polk & Co.
	Schwartz Isidor Gertrude confr	R. L. Polk & Co.
	Tepesco Frank Susan chauf	R. L. Polk & Co.
	Wagner Jos Mary waiter	R. L. Polk & Co.

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Year	*Uses*	*Source*
2005	Tirado Luzdary	Hill-Donnelly Information Services
	Numbr 6 h Viveros Maria AV 718 392 0896 as	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	h Allaico Segundo	Hill-Donnelly Information Services
	Numbr 14 h Aragon Salome 0v	Hill-Donnelly Information Services
	Bayron I A	Hill-Donnelly Information Services
	Galvez 3orge Najera	Hill-Donnelly Information Services
	Numbr 2 h Heyliger Maria AV	Hill-Donnelly Information Services
	Maynato Maria	Hill-Donnelly Information Services
	Perez Felino	Hill-Donnelly Information Services
2000	Apartments Segundo Allaico	Cole Information Services
	Salome Aragon	Cole Information Services
	Jezreel Arias	Cole Information Services
	Jorge N Galvez	Cole Information Services
	Maria Heyliger	Cole Information Services
	Felino Perez	Cole Information Services
	Nilufa Shirin	Cole Information Services
	Gustavo Vicente	Cole Information Services
1991	Aragon Rosalina	NYNEX Information Resource Company
	Cruz Grisel	NYNEX Information Resource Company
	Garcia Francisco	NYNEX Information Resource Company
	Mejia Juan Manuel	NYNEX Information Resource Company
	Mercado Domingo	NYNEX Information Resource Company
	Murillo Jose	NYNEX Information Resource Company
	Perez Felino	NYNEX Information Resource Company
	Price William	NYNEX Information Resource Company
	Ramsingh Harry	NYNEX Information Resource Company
	Richards I	NYNEX Information Resource Company
	Vicente Gustavo	NYNEX Information Resource Company
	Viveros Maria	NYNEX Information Resource Company
1983	Cabreja Cladio	New York Telephone
	Garcia Francisco	New York Telephone
	Lara Altagracia	New York Telephone
	Mencia D	New York Telephone
	Richards I	New York Telephone
	Singh J	New York Telephone
	Villaman Pablo	New York Telephone

FINDINGS

Year	Uses	Source
1976	Cadreja Cladio	New York Telephone
	Garcia Francisco	New York Telephone
	Lara Altagracia	New York Telephone
1970	Cadreja Cladio	New York Telephone
	Garcia Francisco	New York Telephone
	Lara Altagracia	New York Telephone
	Lebron Ramon	New York Telephone
	McNeil Alexndr	New York Telephone
	Suarez Melba	New York Telephone
	Villaman Pablo	New York Telephone
	Vincente Gustavo	New York Telephone
1967	Baez Carlos	New York Telephone
	Garcia Francisco	New York Telephone
	Lara Altagracia	New York Telephone
	Lardo Mrs A	New York Telephone
	McNeil Alexndr	New York Telephone
	Pagan Jaime	New York Telephone
	Torres Josephine	New York Telephone
	Vazquez Bertha	New York Telephone
	Vincente Gustavo	New York Telephone
1962	Almodovar Damaso	New York Telephone Directory
	Arico Jos J	New York Telephone Directory
	Lardo Catherine Mrs	New York Telephone Directory
	LeBron Ramon	New York Telephone Directory
	McNeil Alexedr	New York Telephone Directory
	Montalvo Georgina	New York Telephone Directory
	Rodriguez Antonia	New York Telephone Directory
	Rodriguez Mario	New York Telephone Directory
	Vitulano Jos	New York Telephone Directory
1945	Pinckard Jas J	New York Telephone
1934	Adler Max Adell clk Mhn	R. L. Polk & Co.
	Babachikos John Bertha countermn	R. L. Polk & Co.
	Domanski Frank Mary pkr	R. L. Polk & Co.
	Harms Lloyd Lena mariner	R. L. Polk & Co.
	Hodi Frank Sylvia tester	R. L. Polk & Co.
	Kaiser Wilbur Lillian auto mech	R. L. Polk & Co.
	Loucopulos Theo Theo Countermn	R. L. Polk & Co.
	Malanga Geraldine clk	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Malanga Lena sten	R. L. Polk & Co.
	Malanga Michl Elizabeth	R. L. Polk & Co.
	Mantis Anthony Christina lab	R. L. Polk & Co.
	Mantis Theo Mary	R. L. Polk & Co.
	Monroe Jas Genevieve carp	R. L. Polk & Co.
	Schwartz Goldie	R. L. Polk & Co.
	Schwartz Harry Jenny confr	R. L. Polk & Co.
	Sheldon Franics Pauline chauf	R. L. Polk & Co.
	Smith Harrlet wid Wm bldg supt	R. L. Polk & Co.
	Solamono Benj Angelina lab	R. L. Polk & Co.
	Weissman Sidney Blanche cloaks	R. L. Polk & Co.

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Year	Uses	Source
2008	MOONRISING HOUSE EVENT	Cole Information Services
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 3 h Almodovar Milagros AV	Hill-Donnelly Information Services
	Bidault Thierry y	Hill-Donnelly Information Services
	h Cutti A AV	Hill-Donnelly Information Services
	Numbr 2 h Hernandez Mary	Hill-Donnelly Information Services
	Numbr 6 h Javier M v	Hill-Donnelly Information Services
	Numbr 15 h Lopez Mildred A	Hill-Donnelly Information Services
	Numbr 11 h Ofa Cario	Hill-Donnelly Information Services
	Numbr 5 Starfield Marl A	Hill-Donnelly Information Services
	Tagulam Herminio	Hill-Donnelly Information Services
2000	Apartments Mirlagros Almodovar	Cole Information Services
	Jimmy Espinal	Cole Information Services
	Thao Lam	Cole Information Services
	M Lopen	Cole Information Services
	Mildred Lopez	Cole Information Services
	Sherry L Martinez	Cole Information Services
	Carlo O	Cole Information Services
	Miguel A Pomares	Cole Information Services
	Mana Rojas	Cole Information Services
	Carlos Villegas	Cole Information Services
1991	Attoinese D	NYNEX Information Resource Company
	Guzman Leon	NYNEX Information Resource Company
	Pichordo J	NYNEX Information Resource Company
	Rodriguez Antonia	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1983	Gonzalez D	New York Telephone
	Lopez Rafael	New York Telephone
	Nunez R	New York Telephone
	Ortega Jairo	New York Telephone
	Rios Rafael Eduardo	New York Telephone
	Rodriguez Antonia	New York Telephone
1976	Arce Hilario	New York Telephone
	Arenas Thos	New York Telephone
	Carlo Jose	New York Telephone
1970	Almodovar Mary	New York Telephone
	Arenas Thos	New York Telephone
	Carlo Jose	New York Telephone
	Garcia Fausto	New York Telephone
	Osorio Carlos A	New York Telephone
	Rodriguez Antonio	New York Telephone
	Tecsidor John T	New York Telephone
1967	Almodovar Irene	New York Telephone
	Arenas Thos	New York Telephone
	Carlo Jose	New York Telephone
	Leon Herminco Rodriquez	New York Telephone
	Rodriguez Antonia	New York Telephone
	Torres Julia	New York Telephone
1962	Almodovar Juan S	New York Telephone Directory
	Arenas Thos	New York Telephone Directory
	Carlo Jose	New York Telephone Directory
	Gonzalez Juan	New York Telephone Directory
	Leon Herminco Rodriquez	New York Telephone Directory
	Ortiz Encarnacion	New York Telephone Directory
	Palazzolo Leonard	New York Telephone Directory
	Suarez Maria	New York Telephone Directory
	Trochelman Anna	New York Telephone Directory
	Vazquez Noel	New York Telephone Directory
1945	Anthony Georgette	New York Telephone
	Weissman Sidney	New York Telephone
1934	Louizzo Angelo printer	R. L. Polk & Co.
	Bnai Israel Saml Bassow pastor	R. L. Polk & Co.
	Casdro Alf cigarmkr	R. L. Polk & Co.
	Colbert Jos Mary inspr	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	De Alto Josephine filler	R. L. Polk & Co.
	Eicholz Wm Emily chef	R. L. Polk & Co.
	Fresco Emanuel J Leah milkmn	R. L. Polk & Co.
	Gelpi John Bertha lndrymn	R. L. Polk & Co.
	Green Saml Rose clk	R. L. Polk & Co.
	Jeanopolo Peter Helen bootblk	R. L. Polk & Co.
	Kelly Patk Deliah wtchmn	R. L. Polk & Co.
	Lieari May bkbndr	R. L. Polk & Co.
	Lieari Rose clk	R. L. Polk & Co.
	Lieari Sol slsmn	R. L. Polk & Co.
	Nicholas Christo Sophie counteramn	R. L. Polk & Co.
	Nicholos Christian Sophie lab	R. L. Polk & Co.
	ODonnell Peter Margt mach	R. L. Polk & Co.
	Pappas Gerna Helen barber	R. L. Polk & Co.
	Pecorino Jas eng	R. L. Polk & Co.
	Pecorino Josephine bkpr Mhn	R. L. Polk & Co.
	Smusz Frank Dora countermn	R. L. Polk & Co.
	Vitulano Margt wid Frank	R. L. Polk & Co.
	Zutoss Thos countermn	R. L. Polk & Co.

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Year	Uses	Source
2005	h Blanco Abel	Hill-Donnelly Information Services
	Borsuk E v	Hill-Donnelly Information Services
	Hervleux A	Hill-Donnelly Information Services
	Leal Domingo	Hill-Donnelly Information Services
	Stokes Van	Hill-Donnelly Information Services
2000	Abel Blanco	Cole Information Services
	Eric Generes	Cole Information Services
	A Hervieux	Cole Information Services
	Maki Hiragushi	Cole Information Services
	Karen Landusky	Cole Information Services
	Manano Leal	Cole Information Services
	Emily Mattocks	Cole Information Services
	Albert Mowatt	Cole Information Services
	Adrian Perez	Cole Information Services
	Ahira Rosario	Cole Information Services
	Apartments Roberto Bede	Cole Information Services
1991	Ibrahim E	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Rodriguez Joseph	NYNEX Information Resource Company
	Almodovar M	NYNEX Information Resource Company
	Castillo Anilda	NYNEX Information Resource Company
	Daroqui Manuel A	NYNEX Information Resource Company
	Rosario Ahira	NYNEX Information Resource Company
1983	Castillo Awilda	New York Telephone
	Daroqui Manuel A	New York Telephone
	Landusky A	New York Telephone
	Rosario Leonara	New York Telephone
1976	Daroqui Manuel A	New York Telephone
	Conte Angelo	New York Telephone
1970	Concepcion Raimunao	New York Telephone
	Conte Angelo	New York Telephone
	Daroqui Manuel A	New York Telephone
	Griffin Helen C RN	New York Telephone
	Pantoja Marco	New York Telephone
	Quinones Ahira	New York Telephone
	Sadrakula Edw A	New York Telephone
1967	Concepcion Raimundo	New York Telephone
	Conte Angelo	New York Telephone
	Daroqui Manuel A	New York Telephone
	Echevarria Jose	New York Telephone
	Griffin Helen C RN	New York Telephone
	Howe Dorothy	New York Telephone
	Perez Geo L	New York Telephone
	Sadrakula Edw A	New York Telephone
1962	Baker Agnes Mrs	New York Telephone Directory
	Conte Angelo	New York Telephone Directory
	Czyz Cecilia Mrs	New York Telephone Directory
	Dempster B W	New York Telephone Directory
	Perez Geo L	New York Telephone Directory
	Rivera Agustin	New York Telephone Directory
	Sadrakula Edw A	New York Telephone Directory
1939	Klippel Zelda	New York Telephone Company
1934	Alegrett Louise wid Peter	R. L. Polk & Co.
	Boghosian Harry Susan shipper	R. L. Polk & Co.
	Bogoshian Michl Rose shoewkr	R. L. Polk & Co.
	Casey Fredk Nettie chauf	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Cois Geo Anna harber	R. L. Polk & Co.
	Fresco Leon clk	R. L. Polk & Co.
	Kerr Ellen wid Michl	R. L. Polk & Co.
	Koustas Harry Helen pdlr	R. L. Polk & Co.
	Mateos Andrew Donita dyer	R. L. Polk & Co.
	Nitsos Jas Aglaia waiter	R. L. Polk & Co.
	Prado Jesus Emma elev opr	R. L. Polk & Co.
	Ricopoulos Edw Mary countermn	R. L. Polk & Co.
	Roura wid Cresory	R. L. Polk & Co.
	Santana Carmen Mrs	R. L. Polk & Co.
	Santiago Thos photog	R. L. Polk & Co.
	Vazquez John Frances waiter	R. L. Polk & Co.
	Werley Warren Anna auto mech	R. L. Polk & Co.

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Year	Uses	Source
1991	Package Express Substlatian	NYNEX Information Resource Company

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Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	Areeckal Rejee Y	Hill-Donnelly Information Services
	Beltram Besty v	Hill-Donnelly Information Services
	Numbr 14h Ortiz Aguedo AV	Hill-Donnelly Information Services
	Numbr 1 h Pichordo Jeaneth	Hill-Donnelly Information Services
	Numbr 8 h Prats Cella Ao	Hill-Donnelly Information Services
	Numbr 4 h Prats Orestes AV	Hill-Donnelly Information Services
	Viveros Inez	Hill-Donnelly Information Services
	Numbr 10 h Viveros Melba A	Hill-Donnelly Information Services
2000	Esthercila Beltran	Cole Information Services
	Rosa Gon	Cole Information Services
	Aguedo Ortiz	Cole Information Services
	Jeaneth Pichordo	Cole Information Services
	Celia Prats	Cole Information Services
	Orestes Prats	Cole Information Services
	I Ward	Cole Information Services
1991	Acevedo M R	NYNEX Information Resource Company
	Chaux Luz Estela	NYNEX Information Resource Company
	Delacruz Francisco	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Kelly Charles	NYNEX Information Resource Company
	Leon Patricia	NYNEX Information Resource Company
	Ortiz E	NYNEX Information Resource Company
	Zapa Ines	NYNEX Information Resource Company
1983	Serna Emma	New York Telephone
	Acevedo Victoria R	New York Telephone
	Acevedo M R	New York Telephone
	Alves Evanir	New York Telephone
	Ferreira Nair	New York Telephone
	Jose Marcos	New York Telephone
	Ortiz E	New York Telephone
	Rojas Feliz	New York Telephone
1976	Acevedo Esteban	New York Telephone
	Camargo Elena	New York Telephone
	Cortes Crisanto	New York Telephone
	Gonzales Isabel	New York Telephone
	Gutiere Juan	New York Telephone
	Jose Marcos	New York Telephone
1970	Amores Robt	New York Telephone
	Camargo Hector	New York Telephone
	Camargo Luis G	New York Telephone
	Diamanti Delfina	New York Telephone
	Judge Jas	New York Telephone
	Legere Chas	New York Telephone
	Mier Leyda	New York Telephone
	Ruiz Narciso	New York Telephone
	Valdes Nilda	New York Telephone
1967	Amores Robt	New York Telephone
	Diamanti Delfina	New York Telephone
	Holec Anthony	New York Telephone
	Judge Jas	New York Telephone
	Legere Chas	New York Telephone
	Ruiz Narciso	New York Telephone
	Sorell Celestino	New York Telephone
	Sweeney Timothy	New York Telephone
1962	Brown Edmund G	New York Telephone Directory
	Diamanti Delfina	New York Telephone Directory
	Holec Anthony	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Judge Jas	New York Telephone Directory
	Legere Chas	New York Telephone Directory
	Malizia Carmela Mrs	New York Telephone Directory
	Pachmann Mary Mrs	New York Telephone Directory
	Rhodes Robt	New York Telephone Directory
	Rosa Maximina Mrs	New York Telephone Directory
	Sweeney Timothy	New York Telephone Directory
	Vitulano Patk	New York Telephone Directory
	Wanchew John	New York Telephone Directory
1939	Fladd Eliz Mrs	New York Telephone Company
1934	Arabadjis Philip Valenzia coutermn	R. L. Polk & Co.
	Axiotis Harry N Anna chef	R. L. Polk & Co.
	Boulange Pauline dom	R. L. Polk & Co.
	De Lucca Henry Clara butcher Mhn	R. L. Polk & Co.
	Fotopoulos Constatine Mary pntr	R. L. Polk & Co.
	Geralis Peter Lucy lab	R. L. Polk & Co.
	Guardiano Michaelis Cath phtr	R. L. Polk & Co.
	Kledas Peter Mary waiter	R. L. Polk & Co.
	Korniaktus Gregory Martha meat ctr	R. L. Polk & Co.
	Kydes Hercules Theresa pntr	R. L. Polk & Co.
	Kydes Richd lifrguard	R. L. Polk & Co.
	Meehan Jas asmblr	R. L. Polk & Co.
	Pagliuca Jas lab	R. L. Polk & Co.
	Tahatigis Cahs Mary restr	R. L. Polk & Co.
	Toste Jos chemist	R. L. Polk & Co.
	Toulas Michl Anna pdlr	R. L. Polk & Co.

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Year	Uses	Source
2008	GIOVANNI IMPORTS EXPORTS CAR REPAIR	Cole Information Services
	GIANNIS AUTO WORLD INC	Cole Information Services
2005	Giannis Auto World Inc Is	Hill-Donnelly Information Services
2000	Giannis At Wid Inc	Cole Information Services
1991	Empire State Telecom Corp	NYNEX Information Resource Company
1983	Com Equip Corp	New York Telephone
1976	Dryden & Palmer Inc	New York Telephone
	Gravymaster Co Inc	New York Telephone
1970	Gravymaster Co Inc	New York Telephone

FINDINGS

Year	Uses	Source
1970	Dryden & Palmer Inc	New York Telephone
1967	Gravymaster Co Inc	New York Telephone
	Dryden & Palmer Inc	New York Telephone
1934	Henderson John Ella reprmn	R. L. Polk & Co.
	Serrano Danl Rose baker	R. L. Polk & Co.
	Rivelli Jas Rose shoes Bx	R. L. Polk & Co.
	Rashkoff Benj Sophie hlpr Mhn	R. L. Polk & Co.
	Noury Francis lab	R. L. Polk & Co.
	Adams Arth Anna toolmkr	R. L. Polk & Co.
	Baginski John shoe opr	R. L. Polk & Co.
	Chamberlain Walter F Alice pile driving	R. L. Polk & Co.
	Choiko Jos I Mary agt	R. L. Polk & Co.
	Costa Anna Mrs	R. L. Polk & Co.
	Damlis Gregory Angelina barber	R. L. Polk & Co.
	Damlis Olga Wid Harry	R. L. Polk & Co.
	Guzman Adolph cigars	R. L. Polk & Co.
	Long Mary A wid Chas	R. L. Polk & Co.
	Lopez Gerard Anna clnr mhn	R. L. Polk & Co.
	Meechan Carey	R. L. Polk & Co.
	Meehan Edw Mary bldg supt	R. L. Polk & Co.

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Year	Uses	Source
2005	Fifty Seventh Street Mgmt	Hill-Donnelly Information Services
	Madallion Financial Inc I F	Hill-Donnelly Information Services
2000	Fifty 7th St Mgmt	Cole Information Services
	Irene Lo	Cole Information Services
	Fifty Seventh St	Cole Information Services

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Year	Uses	Source
2005	h Cannarella M v	Hill-Donnelly Information Services
	Nicholson James	Hill-Donnelly Information Services
	h Nicholson Shan Ao	Hill-Donnelly Information Services
2000	Patrick S Mc Clone	Cole Information Services
	Shan Nicholson	Cole Information Services
	Shan Nicholson	Cole Information Services
1991	Bitterman Brooks	NYNEX Information Resource Company
	Hardin P	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Nicholson Peter	NYNEX Information Resource Company
	Schmidt Timothy	NYNEX Information Resource Company
	Davis B	NYNEX Information Resource Company
1983	Nicholson Peter & Kalina	New York Telephone
	Soto Vicente R	New York Telephone
1976	Dimensional Graphics Conec	New York Telephone
	Kress T	New York Telephone
1970	Kress T	New York Telephone
1967	Corio Dominick J	New York Telephone
	Kress T	New York Telephone
	Smith Edith	New York Telephone
1962	Corio Dominick J	New York Telephone Directory
	Malizia Mark A	New York Telephone Directory
	Mehnert Gwen	New York Telephone Directory
	Smith Edith	New York Telephone Directory
1945	Perrenod Chas	New York Telephone
1939	Mehnert Sidney	New York Telephone Company
1934	Cappelli Umbert Rose cook	R. L. Polk & Co.
	Dilbeck Eleanor sten Mhn	R. L. Polk & Co.
	Kress Arth bkpr	R. L. Polk & Co.
	Kress Evelyn sten Copeland Refrigeration Co	R. L. Polk & Co.
	Kress Theophile wid Wm	R. L. Polk & Co.
	Schaeider Edith sten	R. L. Polk & Co.
	Schaeider Frank Alida autp mech	R. L. Polk & Co.
	Schneider Raymond	R. L. Polk & Co.

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Year	Uses	Source
2013	INKKEEPERS CORP	Cole Information Services
	HYLEE ELECTRIC CO INC	Cole Information Services
2008	LONG ISLAND CITY WHOLESALE FLORISTS	Cole Information Services
	HYLEE ELECTRIC CO INC	Cole Information Services
	INK KEEPERS CORP	Cole Information Services
2005	Hylee Electric Co Inc	Hill-Donnelly Information Services
	Inkkeepers Corp	Hill-Donnelly Information Services
2000	Lite N Air Indstrs	Cole Information Services
	Swift Air Corp	Cole Information Services
1991	Long Island City Wholesale Inc	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Natural Source The	NYNEX Information Resource Company
1983	Long Island City Wholesale Florists Inc	New York Telephone
	LONG ISLAND CITY WHOLESALE INC	New York Telephone
	Long Island College Hosp Henry & Pacif @Brooklyn@	New York Telephone
	South Flower Mkt	New York Telephone
	SOUTHFLOWER MKT HOME DELIVERY SVCE	New York Telephone

1153 44TH DR

Year	Uses	Source
2005	Zemana Natlvidad AV	Hill-Donnelly Information Services
	Gonzalez Ruth A	Hill-Donnelly Information Services
	Mendoza Carmelito Jr	Hill-Donnelly Information Services
	h Schilling Wemer H AV	Hill-Donnelly Information Services
	h Zemana Gloria	Hill-Donnelly Information Services
2000	Ruth Gonzalez	Cole Information Services
	Perfecto Pizarro	Cole Information Services
	Wemer H Schilling	Cole Information Services
	Glona Zemana	Cole Information Services
	Natividad Zeman	Cole Information Services
1991	Almiranez Prajedo	NYNEX Information Resource Company
	Almiron A	NYNEX Information Resource Company
	Gonzalez Ruth	NYNEX Information Resource Company
	Schilling Werner H	NYNEX Information Resource Company
	Zemana Glazen	NYNEX Information Resource Company
	Zemana Natividad	NYNEX Information Resource Company
	Zemana Natividad	NYNEX Information Resource Company
1983	Bigarnia Mimi	New York Telephone
	De Jesus Remedios V	New York Telephone
	Gonzalez Gilberto Rojas	New York Telephone
	Gonzalez R	New York Telephone
	Schilling Werner H	New York Telephone
	Zemana G	New York Telephone
1976	Buenviaje Emmanuel D	New York Telephone
1970	Picicci William Jr	New York Telephone
1967	Ross Basil C	New York Telephone
	Tajima Shingo	New York Telephone
1945	Ross Basil C	New York Telephone
1934	Kelly Frances clk	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Kelly John J Margt	R. L. Polk & Co.
	Kelly Margt sten	R. L. Polk & Co.
	Kelly Stella sten	R. L. Polk & Co.
	Schuh Emily wid Wm	R. L. Polk & Co.
	Hafford Thos A asst eng B Pres	R. L. Polk & Co.

1154 44TH DR

Year	Uses	Source
1976	Hepp Jim b	New York Telephone
1970	Lesjay Co	New York Telephone
	Lesjay Models	New York Telephone
	Hepp Jim b	New York Telephone
1962	Barling Housing Corp	New York Telephone Directory
	Bo Craft Enterprises Inc	New York Telephone Directory
	Slider Co of America	New York Telephone Directory

1156 44TH DR

Year	Uses	Source
1934	Spagnulo Jos Helen barber	R. L. Polk & Co.

1157 44TH DR

Year	Uses	Source
2013	MEERA ENTERPRISE INC	Cole Information Services
2008	MEERA ENTERPRISE	Cole Information Services
2005	Meera Enterprise Inc I	Hill-Donnelly Information Services
2000	21ST ST INTS FROM	Cole Information Services
	Dipti Deli Corp	Cole Information Services
1991	Epicure Delctsn Shop	NYNEX Information Resource Company
1983	Epicure Delctsn Shop	New York Telephone
1976	Epicure Delctsn Shop	New York Telephone
1970	Epicure Delctsn Shop	New York Telephone
1967	Epicure Delctsn Shop	New York Telephone
1962	Epicure Delctsn Shop	New York Telephone Directory
1945	Epicure Delctsn Shop	New York Telephone
1939	Epicure Delctsn Shop	New York Telephone Company

1186 44TH DR

Year	Uses	Source
1934	Ruiz Juana wid Roffe	R. L. Polk & Co.

FINDINGS

1188 44TH DR

Year	*Uses*	*Source*
1934	Cera Fred Carmine mattresmkr	R. L. Polk & Co.

1234 44TH DR

Year	*Uses*	*Source*
1962	Lucente Angelo	New York Telephone Directory

1238 44TH DR

Year	*Uses*	*Source*
1991	Mason Victor	NYNEX Information Resource Company

1444 44TH DR

Year	*Uses*	*Source*
1962	Daroqui Manuel A	New York Telephone Directory

1474 44TH DR

Year	*Uses*	*Source*
1983	Egan S	New York Telephone

1626 44TH DR

Year	*Uses*	*Source*
1962	Arrigo Arthur	New York Telephone Directory

1738 44TH DR

Year	*Uses*	*Source*
2005	N CL	Hill-Donnelly Information Services

44TH DR LONG ISLAND CITY DR

1142 44TH DR LONG ISLAND CITY DR

Year	*Uses*	*Source*
1934	Bassow Saml Rev Gertrude pastor Bnal Israel	R. L. Polk & Co.

45 S AVE

1155 45 S AVE

Year	*Uses*	*Source*
1991	Barreto C	NYNEX Information Resource Company

FINDINGS

45TH

1458 45TH

Year	Uses	Source
1934	Goldstein Irving bkpr dept fin r	R. L. Polk Co.

45TH AVE

10-20 45TH AVE

Year	Uses	Source
1950	MAJESTIC MANNEQUIN & DISPLAY CO	New York Telephone
	ROLLER ENGRVNG CO INC	New York Telephone
	BOGGE EDW B	New York Telephone

10-27 45TH AVE

Year	Uses	Source
1950	MISSION DRY CORP SALES DENT	New York Telephone
	PLAZA BEVERAGE CO INC	New York Telephone
	MISSION ORANGE BOTTLING CO OF QUEENS	New York Telephone

10-35 45TH AVE

Year	Uses	Source
1950	PYROX CHEMCL CORP PAINT&VARNSH REMOVERS MFRS	New York Telephone
	CYCLO CHEMCL CORP	New York Telephone
	O & R SALES CO INC	New York Telephone

10-37 45TH AVE

Year	Uses	Source
1950	F B CASING CO	New York Telephone
	SUPERIOR KOSHER CASING CO	New York Telephone

10-40 45TH AVE

Year	Uses	Source
1950	JEWEL RADIO CORP	New York Telephone
	VANLEIGH FURN CO INC WAREHSE	New York Telephone

10-57 45TH AVE

Year	Uses	Source
1950	ATLAS PIPE RAILING CO INC	New York Telephone

FINDINGS

1015 45TH AVE

Year	Uses	Source
2013	SOHO SNACK INC	Cole Information Services
	METERING SERVICES	Cole Information Services
2008	SOHO SNACK INC	Cole Information Services
2005	Soho Snack Inc	Hill-Donnelly Information Services
2000	Metering Services	Cole Information Services

1021 45TH AVE

Year	Uses	Source
2013	CERTIFIED ELEVATOR & ESCALTOR	Cole Information Services
	D A A B S ELECTRONICS CORPORATION	Cole Information Services
2008	DAABS ELECTRONICS INC	Cole Information Services
2005	Daabs Electronics Corp	Hill-Donnelly Information Services
2000	S Elctrncs	Cole Information Services
1983	Numano Int Inc	New York Telephone

1025 45TH AVE

Year	Uses	Source
2008	PORT DISTRIBUTING CORP	Cole Information Services
1939	New & Used Equip Corp	New York Telephone Company

1027 45TH AVE

Year	Uses	Source
1991	K & K MERCHANDISING GROUP	NYNEX Information Resource Company
	Supra USA Inc	NYNEX Information Resource Company
1983	Fauna Food Corp	New York Telephone
	Interscan Ltd	New York Telephone

1028 45TH AVE

Year	Uses	Source
1970	Marrero Antonia P	New York Telephone

1034 45TH AVE

Year	Uses	Source
1976	Brewers Leasing Corp	New York Telephone
1970	Brewers Leasing Corp	New York Telephone

1035 45TH AVE

Year	Uses	Source
2013	WAREHOUSE SUPPLIES COMPANY	Cole Information Services

FINDINGS

Year	Uses	Source
2008	VAN OWNERS PURCHASING BUREAU	Cole Information Services
	WAREHO UPPLIES CO INC	Cole Information Services
2005	Van Owners Purchasing Bureau	Hill-Donnelly Information Services
	Warehouse Supis Co	Hill-Donnelly Information Services
2000	Van Owners Prchng	Cole Information Services
	Vnwnrs Prchng Bur	Cole Information Services
	Warehouse Supls	Cole Information Services
1991	VAN OWNERS PURCHASING BUR INC	NYNEX Information Resource Company
	Vanowners Purchasing Bur Inc	NYNEX Information Resource Company
	Warehouse Supls Co	NYNEX Information Resource Company
1983	VAN OWNERS PURCHASING BUR INC	New York Telephone
	Vanowners Purchasing Bur Inc	New York Telephone
	Warehouse Supls Co	New York Telephone
1970	Van Owners Purchasing Bur Inc	New York Telephone
	Warehouse Supls Co	New York Telephone
1967	Van Owners Purchasing Bur Inc	New York Telephone
	Warehouse Supls Co	New York Telephone
1962	Van Owners Purchasing Bur Inc	New York Telephone Directory
	Warehouse Supls Co	New York Telephone Directory
1945	Premier Prods Co mfg chemsts	New York Telephone
	O & R Sales Co Inc	New York Telephone
	Armo Bio Chemcl Corp	New York Telephone
1939	Premier Prods Co mfg chemsts	New York Telephone Company
	Pyrox Chemcl Corp mfg chemsts	New York Telephone Company
	Thrift Sales Corp	New York Telephone Company
1934	Metropolitan Sign & Glass Works RTN Henry Steinmetz Fredk Festner	R. L. Polk & Co.

1037 45TH AVE

Year	Uses	Source
1967	Walcamp Metal Prods Corp	New York Telephone
1962	Superior Kosher Casings	New York Telephone Directory
	FB Casing Co Inc	New York Telephone Directory
1945	Superior Kosher Casing Co	New York Telephone
	F B Caesing Co	New York Telephone
1939	Superior Kosher Casing Co	New York Telephone Company
	F B Casing Co	New York Telephone Company

FINDINGS

1038 45TH AVE

Year	Uses	Source
2000	Rayston Svce Corp	Cole Information Services
1976	Continental Ideas Ltd	New York Telephone
	CONTINENTAL INSURANCE COMPANIES THE JFK Intrntnl Airpt @Jamaica@	New York Telephone
	CONTINENTAL INSURANCE COMPANIES THE La Guardia Airpt @Jamaica@	New York Telephone
1970	Holterbosch H D b	New York Telephone

1040 45TH AVE

Year	Uses	Source
2013	ALRUE IMPORT CORP	Cole Information Services
	END JEWELRY	Cole Information Services
	EMSIG	Cole Information Services
	MIDTOWN NEON SIGN CORP	Cole Information Services
	CLASSIC GEMS INCORPORATED	Cole Information Services
	AVISPL	Cole Information Services
	WHOLESALE INC RISUKA	Cole Information Services
	JENMAR CORPORATION	Cole Information Services
	IPT NAME & DESIGN CORP	Cole Information Services
	RHONDA FEINMAN CUSTOM FRAMES INC	Cole Information Services
2008	ALRUE IMPORT CORP	Cole Information Services
	EMSIG	Cole Information Services
	ACME WEBBING CORP	Cole Information Services
	CLASSIC GEMS INC	Cole Information Services
	RHONDA FEINMAN CUSTOM FRAMES INC	Cole Information Services
	EMSIG MANUFACTURING CORP	Cole Information Services
	THE JOAN MICHLIN COLLECTION	Cole Information Services
	RENCO MFG INC	Cole Information Services
2005	h Rodriguez Purino	Hill-Donnelly Information Services
	Alrue Import Corp	Hill-Donnelly Information Services
	Emsig is	Hill-Donnelly Information Services
	Gladston Casting	Hill-Donnelly Information Services
	Maxim Holding i	Hill-Donnelly Information Services
	Rhonda Feinman Custom Frames	Hill-Donnelly Information Services
	Risuka Wholesale Inc	Hill-Donnelly Information Services
2000	ABC Jwlry Cast Crp	Cole Information Services

FINDINGS

Year	Uses	Source
2000	Ace For Men	Cole Information Services
	Bnfcl Tchnlgs Inc	Cole Information Services
	Cntnatl Flair Inc	Cole Information Services
	Frooz Ltd	Cole Information Services
	Gladston Ca	Cole Information Services
	Joshuas Fa	Cole Information Services
	Palazzetti	Cole Information Services
	Plzztt Srg Furn	Cole Information Services
	State Nrrw	Cole Information Services
1991	ABC Jewelry Casting Corp	NYNEX Information Resource Company
	Beneficial Technologies Inc	NYNEX Information Resource Company
	Colini Handbags	NYNEX Information Resource Company
	Continental Flair Inc	NYNEX Information Resource Company
	Continental Florist Contnntl Av & Queens Blvd @Forest Hills@	NYNEX Information Resource Company
	Gladston Casting	NYNEX Information Resource Company
	Jennifers Fashion	NYNEX Information Resource Company
	Palazetti Sergio	NYNEX Information Resource Company
1983	Cardinal Blouse Inc	New York Telephone
	Carpi Knitting Mills Inc	New York Telephone
	Nor Jam Inc	New York Telephone
	Nordic Interior Inc	New York Telephone
	Peppermint Casuals Ltd	New York Telephone
1976	Carpi Knitting Mills Inc	New York Telephone
	Mainco Air Condltioning & Refrlgratn Corp	New York Telephone
	Mainco Contrctg Corp elec contrs	New York Telephone
	MAINTENANCE CO INC THE elect & elvtr reprs	New York Telephone
1970	FAIRCHILD RECORDING EQUIP CORP	New York Telephone
	Front Projection Corp	New York Telephone
	Mainca Air Conditioning & Refrigratn Corp	New York Telephone
	Mainco Contrctg Corp eltccontrs	New York Telephone
	Maintenance Coinc The elec & elvtr reprs	New York Telephone
1967	Fairchild Recording Equip Corp	New York Telephone
	Genl Automotive Specialty Colnc	New York Telephone
	Mainco Air Conditioning & Refrigratn Corp	New York Telephone
	Mainco Contrctg Corp elec contrs	New York Telephone
	Maintenance Co Inc The elec & elvtr reprs	New York Telephone
1962	FAIRCHILD RECORDING EQUIP CORP	New York Telephone Directory

Year	Uses	Source
1962	Genl Automotive Specialty Co Inc	New York Telephone Directory
	MAINCO AIR CONDITINING & REFRISRATN CORP	New York Telephone Directory
	MAINCO CONTROTG CORP elec contrs	New York Telephone Directory
	MAINTENANCE CO INC THE elec & elctr reprs	New York Telephone Directory
	Small Business Protctve Comm Inc	New York Telephone Directory

1041 45TH AVE

Year	Uses	Source
2013	CITY BAKING CORP	Cole Information Services
2008	WHOLESALE INC RISUKA	Cole Information Services
	MERCEDES LIMOUSINE	Cole Information Services
	E A TECHNOLOGIES INC	Cole Information Services
2005	MLS Limousine Svc	Hill-Donnelly Information Services
	Mercedes Limousine	Hill-Donnelly Information Services
	E A Technologies Inc P	Hill-Donnelly Information Services
2000	Mercedes Limousine	Cole Information Services
	11TH ST INTS FROM	Cole Information Services
1991	Rayston Svce Corp	NYNEX Information Resource Company
1983	Campaniello Imports Warehouse	New York Telephone
1945	Weinberger Moving & Storage Co	New York Telephone
	Lemel Transptn Do	New York Telephone
1939	Rothbart Mack Inc trukng	New York Telephone Company
	Rothbart Mack inc trukng	New York Telephone Company
	Rothbart Mack Inc contrs	New York Telephone Company

1048 45TH AVE

Year	Uses	Source
1991	State Narrow Fabrics Inc	NYNEX Information Resource Company

1057 45TH AVE

Year	Uses	Source
1945	Atlas Pipe Railing Co Inc	New York Telephone

11-15 45TH AVE

Year	Uses	Source
1950	SCHOENIG CHAS A	New York Telephone
	SISTO MARIO P	New York Telephone
	VIERA DEOGRACIA S	New York Telephone
	WELCH MERTON W	New York Telephone

FINDINGS

Year	Uses	Source
1950	WENIGER PAULA B	New York Telephone
	WOLF P J	New York Telephone
	ROSNER BERTHA MRS	New York Telephone
	PAPPAS WM S	New York Telephone
	OWEN THOS H JR	New York Telephone
	OSTERER MAX	New York Telephone
	NEWCOMB N E	New York Telephone
	MCCULLOUGH BENJ	New York Telephone
	MALRE EMLIE L	New York Telephone
	LIPPMAN ALBERT	New York Telephone
	LAS MORRIS	New York Telephone
	LA FLEUR WM JOHN	New York Telephone
	HOFDOS CHAS J	New York Telephone
	HAWK LESTER C	New York Telephone
	FRIEDMA JESSE D MD	New York Telephone
	CARUSO SALVATORE	New York Telephone
	BUTTERFIELD HELEN	New York Telephone
	ZWERIN CHAS	New York Telephone
	BENNETT WILBERT C	New York Telephone
	AMBROSE JOSEPHINE	New York Telephone
	APTS & APT HOUSES	New York Telephone
	BOEDA MARGARET MRS	New York Telephone

11-25 45TH AVE

Year	Uses	Source
1950	STEWART-WARNER CORP	New York Telephone
	ALEMITE CORP	New York Telephone

11-30 45TH AVE

Year	Uses	Source
1950	DUBIED MACHY CO	New York Telephone

11-35 45TH AVE

Year	Uses	Source
1950	SATTLEY CO COIN COUNTING MACHS	New York Telephone

11-47 45TH AVE

Year	Uses	Source
1950	SCHNEIDER JULIA	New York Telephone
	VESELY FRANK	New York Telephone

FINDINGS

Year	Uses	Source
1950	BEDELL CHAS	New York Telephone
	CELMER STANLEY L	New York Telephone
	JAMES NANCY MRS	New York Telephone
	MANDURAKES LUCY	New York Telephone

11-55 45TH AVE

Year	Uses	Source
1950	RESTIVO SALVATORE J	New York Telephone
	R	New York Telephone
	NORTH FLORENCE M	New York Telephone
	MONTALBANO VINCENT	New York Telephone
	MILLER MATTHEW G	New York Telephone
	MAYER MADELINE A MRS	New York Telephone
	LOMBARDI MAY MRS	New York Telephone
	LEAHY WM F	New York Telephone
	LAZACKA MARY	New York Telephone
	LA BATE KATHERINE	New York Telephone
	KUDLAK JOHN	New York Telephone
	JULIANO MICHL J	New York Telephone
	GASTON ISABEL THERESA	New York Telephone
	CHELINI ORLANDO	New York Telephone
	WELLAND CHAS J	New York Telephone
	SPACCAFORNO C	New York Telephone
	STUONO JOHN F	New York Telephone

1103 45TH AVE

Year	Uses	Source
2008	DORSKY GALLERY CURATORIAL PROGRAMS	Cole Information Services
2005	Kings Point Fine Arts	Hill-Donnelly Information Services
	Dorsky Gallery Curatorial	Hill-Donnelly Information Services
2000	Cel Net Cmmnctns	Cole Information Services
1976	Arbeach Concrete Of N Y Inc	New York Telephone
	LITEMORE ELEC CO INC	New York Telephone

1114 45TH AVE

Year	Uses	Source
1934	OBrien Michl Mary br mgr Thos Roulston	R. L. Polk & Co.

FINDINGS

1115 45TH AVE

Year	*Uses*	*Source*
2008	RONCHINI RONCHINI INC	Cole Information Services
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 11 Bh Atldnson D	Hill-Donnelly Information Services
	Numbr 2D h Caruso Salvatore o	Hill-Donnelly Information Services
	Curlol Celine	Hill-Donnelly Information Services
	Numbr 2 Eh Evans M v	Hill-Donnelly Information Services
	Numbr 33 h Friedberg J v	Hill-Donnelly Information Services
	h Garvey Potvin Sarah v	Hill-Donnelly Information Services
	Garvey Potvin Sarah 0 718 361 7597 o	Hill-Donnelly Information Services
	Numbr 2 C th Geller A A	Hill-Donnelly Information Services
	Numbr 1 E Johnson Lee 718 476 1869 a	Hill-Donnelly Information Services
	Kittredge Skip	Hill-Donnelly Information Services
	Numbr 2 G Mccarthy Terence	Hill-Donnelly Information Services
	Numbr 1D Morales Ivan	Hill-Donnelly Information Services
	Numbr 4 A Pedigol v	Hill-Donnelly Information Services
	Numbr 23 Pendergast George Sr v	Hill-Donnelly Information Services
	Numbr 21 Ryan Sean	Hill-Donnelly Information Services
	Numbr 4D Schoenig Charles A AO	Hill-Donnelly Information Services
	Numbr 3 E Slerra Carios v 718 472 4151 00oo	Hill-Donnelly Information Services
	Numbr 4 H Swanson Leonard J v	Hill-Donnelly Information Services
	Urban Interiors Is	Hill-Donnelly Information Services
	Numbr 2 H Vesely Francis J A 718 361 7686 as	Hill-Donnelly Information Services
	Numbr 41 Warren William	Hill-Donnelly Information Services
	Numbr 3D 1 h Welsman Roger	Hill-Donnelly Information Services
2000	Laszlo Aradi	Cole Information Services
	Faisol Islam	Cole Information Services
1991	Fekete Matthew	NYNEX Information Resource Company
	Galvin F	NYNEX Information Resource Company
	Geller A	NYNEX Information Resource Company
	Kelly John J	NYNEX Information Resource Company
	Lewis Lock & Key Ltd	NYNEX Information Resource Company
	Marsanico Mary	NYNEX Information Resource Company
	Marsanico Thomas R	NYNEX Information Resource Company
	Mc Kenna Robt	NYNEX Information Resource Company
	Pavlov C	NYNEX Information Resource Company
	Schoenig Chas A	NYNEX Information Resource Company

FINDINGS

Year	*Uses*	*Source*
1991	Serrano Nick	NYNEX Information Resource Company
	Sisto Mario P	NYNEX Information Resource Company
	Souquet Andre	NYNEX Information Resource Company
	Thorner L	NYNEX Information Resource Company
	Vesely Francis J	NYNEX Information Resource Company
	Vukelj Bajram	NYNEX Information Resource Company
	Albolote Ricardo	NYNEX Information Resource Company
	Behrens Henry	NYNEX Information Resource Company
	Bothnerby Pete	NYNEX Information Resource Company
	Caruso Salvatore	NYNEX Information Resource Company
	Daniello Anthony J	NYNEX Information Resource Company
	Delrosario Rachel	NYNEX Information Resource Company
	Dries Raymond	NYNEX Information Resource Company
	Evans M	NYNEX Information Resource Company
	Weider J H	NYNEX Information Resource Company
1983	Ahmen Kamal U	New York Telephone
	Behrens Henry	New York Telephone
	Caruso Salvatore	New York Telephone
	Casey R M	New York Telephone
	Daniello Anthony J	New York Telephone
	Evans M	New York Telephone
	Fekete Matthew	New York Telephone
	Geller A	New York Telephone
	Henehan M	New York Telephone
	Kelly John J	New York Telephone
	Klimovich Fred	New York Telephone
	Koo Brian M	New York Telephone
	Magnusson J	New York Telephone
	Mc Kenna Robt	New York Telephone
	Medeiros Sergio	New York Telephone
	Schoenig Chas A	New York Telephone
	Serrano Nick	New York Telephone
	Sisto Mario P	New York Telephone
	Souquet Andre	New York Telephone
	Wasenda John	New York Telephone
1976	Acebes Lucien	New York Telephone
	Adam Jas	New York Telephone
	Bartunek R	New York Telephone

FINDINGS

Year	Uses	Source
1976	Behrens Bertha	New York Telephone
	Caruso Salvatore	New York Telephone
	Costello Jas R	New York Telephone
	Daniello Anthony J	New York Telephone
	Donohue Mary A Mrs	New York Telephone
	Evans Thos	New York Telephone
	Fekete Matthew	New York Telephone
	Kelly John J	New York Telephone
	Klimovich Fred	New York Telephone
	Lake Arvo Mrs	New York Telephone
1970	Sisto Mario P	New York Telephone
	Wallace R	New York Telephone
	Wasenda John	New York Telephone
	Acebes Lucien	New York Telephone
	Adam Jas	New York Telephone
	Behrens Bertha	New York Telephone
	Buondelmonte J Mrs	New York Telephone
	Caruso Salvatore	New York Telephone
	Daniello Anthony J	New York Telephone
	DePalo Rocco	New York Telephone
	Fekete Matthew	New York Telephone
	Gozzi John	New York Telephone
	Hawk Lester C	New York Telephone
	Hyman Morris	New York Telephone
	Kelly John J	New York Telephone
	Klimovich Fred	New York Telephone
	Lake Arvo Mrs	New York Telephone
	Marsanico Mary	New York Telephone
	McKenna Anne F Mrs	New York Telephone
	McKenna Robt	New York Telephone
	Morano Frank	New York Telephone
	Nicolich Angello	New York Telephone
	Oddo Lewis J	New York Telephone
	Polachek Mary	New York Telephone
	Schoenig Chas A	New York Telephone
	Sergio Edmund P	New York Telephone
	Serrano Nick	New York Telephone
1967	Maffei Robt	New York Telephone

FINDINGS

Year	Uses	Source
1967	Marsanico Mary	New York Telephone
	McCullough Benj	New York Telephone
	Morano Frank	New York Telephone
	Newcomb N E	New York Telephone
	Polachek Mary	New York Telephone
	Schoenig Chas A	New York Telephone
	Sergio Edmund F	New York Telephone
	Serrano Nick	New York Telephone
	Sisto Mario P	New York Telephone
	Acebes Luclen	New York Telephone
	Adam Jas	New York Telephone
	Behrens Bertha	New York Telephone
	Buondelmonte J Mrs	New York Telephone
	Caruso Salvatore	New York Telephone
	Cunningham Mary	New York Telephone
	Daniello Anthony J	New York Telephone
	DePalo Rocco	New York Telephone
	Evans Thos	New York Telephone
	Fekete Matthew	New York Telephone
	Garafalo Michl R	New York Telephone
	Hawk Lester C	New York Telephone
	Hyman Morris	New York Telephone
	Kelly John J	New York Telephone
	Klimovich Fred	New York Telephone
	Lake Arvo Mrs	New York Telephone
1962	Acebes Lucien	New York Telephone Directory
	Behrens Henry	New York Telephone Directory
	Boeda Margaret Mrs	New York Telephone Directory
	Bolash P	New York Telephone Directory
	Borg Theresa Mrs	New York Telephone Directory
	Buondelmonte J Mrs	New York Telephone Directory
	Caruso Salvatore	New York Telephone Directory
	Daniello Anthony J	New York Telephone Directory
	DeQuatro Francis R	New York Telephone Directory
	Evans Thos	New York Telephone Directory
	Fekete Matthew	New York Telephone Directory
	Friedman Jesse D MD	New York Telephone Directory
	Garafalo Michl R	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Hawk Lester C	New York Telephone Directory
	Hyman Morris	New York Telephone Directory
	Hyman Morris	New York Telephone Directory
	Kelly John J	New York Telephone Directory
	Klimovich Fred	New York Telephone Directory
	Lass Morris	New York Telephone Directory
	Lippman Albert	New York Telephone Directory
	Marsanico Mary Mrs	New York Telephone Directory
	May R N	New York Telephone Directory
	McCullough Benj	New York Telephone Directory
	Moraro Frank	New York Telephone Directory
	Newcomb NE	New York Telephone Directory
	Polachek Mary	New York Telephone Directory
	Schoenig Chas A	New York Telephone Directory
	Sergio Edmund F	New York Telephone Directory
	Serrano Nick	New York Telephone Directory
	Sisto Mario P	New York Telephone Directory
	Stroligo Edw	New York Telephone Directory
	Tuttle Howard A	New York Telephone Directory
	Wolf P J	New York Telephone Directory
1945	Ambrose Josephine	New York Telephone
	Boeda Margaret Mrs	New York Telephone
	Butterfield Helen	New York Telephone
	Cardone Mary Mrs	New York Telephone
	Friedman Jesse D MD F	New York Telephone
	Hawk Lester C	New York Telephone
	Lodato Angie Mrs	New York Telephone
	Ward Helen Mrs	New York Telephone
	Wolf P J	New York Telephone
1939	Boeda Margaret Mrs	New York Telephone Company
	Butterfield Helen	New York Telephone Company
	Friedman Jesse D MD	New York Telephone Company
	Morris Jimmiy	New York Telephone Company
1934	Austerlitz Victor Ellen slsmn	R. L. Polk & Co.
	Behrens Henry Bertha chauf	R. L. Polk & Co.
	Boeda Harry Margt bldg supt	R. L. Polk & Co.
	Bruns Wm Eleanor brkmn	R. L. Polk & Co.
	Cooney Geo Cath clk	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Ehmer Walter Ehmer chauf	R. L. Polk & Co.
	Epstein Geo pharm	R. L. Polk & Co.
	Feldman Max Sadie metalwkr	R. L. Polk & Co.
	Flanagan Jos Ella splicer	R. L. Polk & Co.
	Fontana Thelma B tel opr	R. L. Polk & Co.
	Fontana Vincent typist	R. L. Polk & Co.
	Gibbons Irene G copyist Dist Atty Queens Co	R. L. Polk & Co.
	Gilbert Cath cap opr	R. L. Polk & Co.
	Gilbert John Harriet wtchmn	R. L. Polk & Co.
	Grant Edw Irene clk	R. L. Polk & Co.
	Leeser Anna wid Saml	R. L. Polk & Co.
	Liptak John Grace auto mech	R. L. Polk & Co.
	Melia John Margt clk	R. L. Polk & Co.
	Moore Dowanda Wid Jos cap opr	R. L. Polk & Co.
	Schoenig Chas Pauline auto mech	R. L. Polk & Co.
	Shannon Jos Lillian eng	R. L. Polk & Co.
	Shine John Nellie firemn	R. L. Polk & Co.
	Simek Rose wid Harry	R. L. Polk & Co.
	Wallace Geo Cath chauf	R. L. Polk & Co.
	Alderman Eug Beatrice printer	R. L. Polk & Co.

1122 45TH AVE

Year	Uses	Source
2013	SHINE ELECTRONICS INC	Cole Information Services

1124 45TH AVE

Year	Uses	Source
1962	Ignelzi Roy R	New York Telephone Directory

1125 45TH AVE

Year	Uses	Source
2013	LLC SHUSTER MANAGEME LLC	Cole Information Services
2005	Kasper & Esh Inc	Hill-Donnelly Information Services
2000	Kaspar & Esh Inc	Cole Information Services
1991	Kasper & Esh Inc mfg jwlrs	NYNEX Information Resource Company
1983	Famor Inc	New York Telephone
1970	Goodnor Const Corp	New York Telephone
	Albert Ergas Contrctg Corp	New York Telephone
	Arlen Operating Co	New York Telephone

FINDINGS

Year	Uses	Source
1967	ALEMITE CORP	New York Telephone
	Alemo Lid Gilpn Av Haupaug	New York Telephone
1962	ALEMITE CORP	New York Telephone Directory
1934	Martino Amedeo Adeline tailor	R. L. Polk & Co.

1135 45TH AVE

Year	Uses	Source
2013	THIKANA	Cole Information Services
2008	THE NEW YORK BAGEL CO INC	Cole Information Services
	PROMETHEUS INTERNATIONAL INC	Cole Information Services
	THIKANA NEWSPAPERS	Cole Information Services
	THIKANA	Cole Information Services
2005	Thlkana DGN Newspapers	Hill-Donnelly Information Services
	New York Bagel Co 1 R	Hill-Donnelly Information Services
	Prometheus International Inc	Hill-Donnelly Information Services
2000	The New York BGL Co Inc	Cole Information Services
	Thikan	Cole Information Services
1991	Expediters Of The Printed Word Ltd	NYNEX Information Resource Company
1983	Expediters Of The Printed Word Ltd	New York Telephone
	Expediters Of The Printed Word Ltd	New York Telephone
1976	Air And Sea Freight Inc	New York Telephone
	Air And Sea Freight Inc	New York Telephone
1970	Sattler Co of NY Inc coin counting machs	New York Telephone
1967	Sattley Co of NY Inc coin counting machs	New York Telephone
1962	Sattley Co of NY Inc coln counting machs	New York Telephone Directory

1143 45TH AVE

Year	Uses	Source
2005	Mollendo Equipment Co	Hill-Donnelly Information Services
2000	Milnd Equip Co Inc	Cole Information Services
1991	MOLLENDO EQUIPT CO INC	NYNEX Information Resource Company
1983	Arrow Restoration Inc	New York Telephone
1970	SCHRECKINGER EQUIP CORP	New York Telephone
1967	SCHRECKINGER EQUIP CORP	New York Telephone
1962	Propper Martin b	New York Telephone Directory
	Demonstration Sales Co	New York Telephone Directory
	Neudell Mort b	New York Telephone Directory

FINDINGS

1147 45TH AVE

Year	*Uses*	*Source*
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 6 h Constantino Carina y	Hill-Donnelly Information Services
	De Prophetis Mary Anne	Hill-Donnelly Information Services
	Numbr 13 Foumier Urania A	Hill-Donnelly Information Services
	Numbr 14 h Jimenez M o	Hill-Donnelly Information Services
	Numbr 10 h Kimbrough Mary Anne & Frank	Hill-Donnelly Information Services
	Numbr 7 h Ortiz Dannis AO 718 786 0327 s	Hill-Donnelly Information Services
	Ortiz M	Hill-Donnelly Information Services
	Ramlrez Efrain	Hill-Donnelly Information Services
	Numbr 15 Sema Alexander	Hill-Donnelly Information Services
	Numbr 11 h Suarez Amparo AV	Hill-Donnelly Information Services
	Numbr 16 h Woodason Nithaya Av	Hill-Donnelly Information Services
2000	Apartments Brittany Allen	Cole Information Services
	Canna Constantino	Cole Information Services
	De Prophetis	Cole Information Services
	Donald Flores	Cole Information Services
	Urania Fournier	Cole Information Services
	Victor E Giraldo	Cole Information Services
1996	FOURNIER Urzato	NYNEX
1991	Natale Margaret A	NYNEX Information Resource Company
	Caneiro Jose	NYNEX Information Resource Company
	De Prophetis Mary Anne	NYNEX Information Resource Company
	Fournier Urania	NYNEX Information Resource Company
	Fournier Urania	NYNEX Information Resource Company
	Giraldo V R	NYNEX Information Resource Company
	Kimbrough Mary Anne & Frank	NYNEX Information Resource Company
	Ortiz D	NYNEX Information Resource Company
	Ortiz M	NYNEX Information Resource Company
	Suarez Severino	NYNEX Information Resource Company
	Woodason Nithaya	NYNEX Information Resource Company
	Ynoa Jorge	NYNEX Information Resource Company
1983	Kaewbang Kawee	New York Telephone
	Lindner Lawrence	New York Telephone
	Natale Margaret A	New York Telephone
	Ortiz D	New York Telephone
	Ortiz M	New York Telephone

FINDINGS

Year	*Uses*	*Source*
1983	Rodriguez Mario	New York Telephone
	Sanchez A	New York Telephone
	Schneider J	New York Telephone
	Caneiro Jose	New York Telephone
	Giraldo V R	New York Telephone
	Fournier Urania	New York Telephone
1976	Alvarez Alberto	New York Telephone
	Caneiro Jose	New York Telephone
	Celmer Stanley L	New York Telephone
	Gonzalez Hector	New York Telephone
1970	Bedell Chas	New York Telephone
	Celmer Stanley L	New York Telephone
	Gell Elena S Mrs	New York Telephone
	Hannel Eliz M	New York Telephone
	Molitor Nik	New York Telephone
	Natale Margaret A	New York Telephone
	Santana Tomas	New York Telephone
	Schneider Julia	New York Telephone
	Pens Urania	New York Telephone
1967	Almash Nicholas	New York Telephone
	Bedell Chas	New York Telephone
	Blaho Stephan	New York Telephone
	Celmer Stanley L	New York Telephone
	Hannel Eliz Al	New York Telephone
	Lugo Irene	New York Telephone
	Molitor Nik	New York Telephone
	Natale Margaret A	New York Telephone
	Schneider Julia	New York Telephone
1962	Almash Nicholas	New York Telephone Directory
	Bedell Chas	New York Telephone Directory
	Beringer Henriette	New York Telephone Directory
	DiTommaso Mary G	New York Telephone Directory
	Getchell Ralph H	New York Telephone Directory
	Hannel Eliz M	New York Telephone Directory
	Molitor Nik	New York Telephone Directory
	Schneider Julia	New York Telephone Directory
1945	Bedell Chas	New York Telephone
	Eagan Eugene F	New York Telephone

FINDINGS

Year	Uses	Source
1945	Schneider Jos	New York Telephone
	Tomlinson Lawrence Jr	New York Telephone
1934	Bedell Chas Jenny chauf	R. L. Polk & Co.
	Brown Thos Frances lab	R. L. Polk & Co.
	Brown Vera waitress	R. L. Polk & Co.
	Clemensen Jos May lab	R. L. Polk & Co.
	Dietrich Alf Hedgwick baker	R. L. Polk & Co.
	Klein DAvid Dora clk	R. L. Polk & Co.
	Kotish John Kuni routemn	R. L. Polk & Co.
	Nelson Sigurd Margt mech	R. L. Polk & Co.
	OConnor Julia clk	R. L. Polk & Co.
	Pask Stanley J Beatrice camera opr	R. L. Polk & Co.
	Taylor Clarence Gerace barge capt	R. L. Polk & Co.
	Vasata Wm Agnes	R. L. Polk & Co.
	Vasata Wm lab	R. L. Polk & Co.
	Winkler John Nellie slsmn	R. L. Polk & Co.

1155 45TH AVE

Year	Uses	Source
2013	HUNTERS PLUMBING & HEATING	Cole Information Services
	JOY GOURMET INC	Cole Information Services
2005	Continued	Hill-Donnelly Information Services
	Deli 1 R	Hill-Donnelly Information Services
	Angel Yehuda v	Hill-Donnelly Information Services
	Numbr 11 h Campbell William P A	Hill-Donnelly Information Services
	Numbr 4h Friedli Roger 7718 784 5995 s	Hill-Donnelly Information Services
	Numbr 11 h German Christopher	Hill-Donnelly Information Services
	Numbr 2 h Juliano Ann AV	Hill-Donnelly Information Services
	h Karas M	Hill-Donnelly Information Services
	Numbr 24 h Kelly Robert	Hill-Donnelly Information Services
	Numbr 8 Martin Wesley	Hill-Donnelly Information Services
	Numbr 5 Mcfarlane Alexander	Hill-Donnelly Information Services
	Mejia John	Hill-Donnelly Information Services
	Numbr 26 Mootz Harald G	Hill-Donnelly Information Services
	Numbr 23 North Kenneth A	Hill-Donnelly Information Services
	Numbr 13 h Perez Luis Angel A	Hill-Donnelly Information Services
	Numbr 8 h Rieger Emily	Hill-Donnelly Information Services
	Numbr 6 h R 1 B BA	Hill-Donnelly Information Services
	Numbr 27 h Stormer H & 0 AV	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Viana Luls v	Hill-Donnelly Information Services
	Numbr 22 White Philomena & Robert	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
2000	Michael Amaral	Cole Information Services
1996	FRIEDLI Roger	NYNEX
1991	Campbell Wm P	NYNEX Information Resource Company
	Caneiro Jose	NYNEX Information Resource Company
	Christie Arthur	NYNEX Information Resource Company
	Holmes S	NYNEX Information Resource Company
	Juliano Michl J	NYNEX Information Resource Company
	Kendus Ann	NYNEX Information Resource Company
	Mayer Madeline A Mrs	NYNEX Information Resource Company
	Mayer William	NYNEX Information Resource Company
	Mech Paul	NYNEX Information Resource Company
	North Florence M	NYNEX Information Resource Company
	North Kenneth	NYNEX Information Resource Company
	Perez Luis Angel	NYNEX Information Resource Company
	Smiri Joseph	NYNEX Information Resource Company
1983	Barreto L	New York Telephone
	Budhu Gewan	New York Telephone
	Campbell Wm P	New York Telephone
	Comunale J	New York Telephone
	Dinkgreve H	New York Telephone
	Donohue Wm E	New York Telephone
	Duda L M	New York Telephone
	Gasper Jos	New York Telephone
	Juliano Michl J	New York Telephone
	Mayer Madeline A Mrs	New York Telephone
	Mercurio Joseph	New York Telephone
	Montalvo F	New York Telephone
	North Florence M	New York Telephone
	North Kenneth	New York Telephone
	Roman C M	New York Telephone
1976	Blethroad James K	New York Telephone
	Campbell Wm P	New York Telephone
	Caneiro Jose	New York Telephone
	Chelini Orlando	New York Telephone
	Comunale J	New York Telephone

FINDINGS

Year	Uses	Source
1976	Donohue Wm E	New York Telephone
	Evans Herman	New York Telephone
	Gasper Jos	New York Telephone
	Juliano Michl J	New York Telephone
	La Bate K	New York Telephone
	Leahy Wm F	New York Telephone
1970	Campbell Wm P	New York Telephone
	Comunale Josephine Mrs	New York Telephone
	Donohue Wm E	New York Telephone
	Evans Herman	New York Telephone
	Gasper Jos	New York Telephone
	Juliano Michl J	New York Telephone
	LaBate Katherine	New York Telephone
	Leahy Wm F	New York Telephone
	Mayer Madeline A Mrs	New York Telephone
	North Florence M	New York Telephone
	North Kenneth	New York Telephone
	Rensch R P	New York Telephone
	Schultz Edw	New York Telephone
1967	Campbell Wm P	New York Telephone
	Chelini Orlando	New York Telephone
	Comunale Josephine Mrs	New York Telephone
	Crawford Helge	New York Telephone
	Donohue Wm E	New York Telephone
	Gasper Jos	New York Telephone
	Grande Jos P	New York Telephone
	Juliano Michl J	New York Telephone
	LaBate Katherine	New York Telephone
	Leahy Wm F	New York Telephone
	Mahoney Wm	New York Telephone
	Mayer Madeline A Mrs	New York Telephone
	McGuinness John J	New York Telephone
	North Florence M	New York Telephone
	North Kenneth	New York Telephone
	Rensch R P	New York Telephone
	Spaccaforno Victor	New York Telephone
1962	Campbell Wm P	New York Telephone Directory
	Clielini Orlando	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Donohue Wm E	New York Telephone Directory
	Gasper Jos	New York Telephone Directory
	Gaston Isabel Theresa	New York Telephone Directory
	Guilmette Arthur C	New York Telephone Directory
	Juliano Frank	New York Telephone Directory
	Juliano Michl J	New York Telephone Directory
	LaBate Katherine	New York Telephone Directory
	Leahy Wm F	New York Telephone Directory
	Maher Geo	New York Telephone Directory
	Mayer Madeline A Mrs	New York Telephone Directory
	North Florence M	New York Telephone Directory
	Reid Ernest O	New York Telephone Directory
	Rodriguez C	New York Telephone Directory
	Schorr Howard	New York Telephone Directory
	Silverman Abe	New York Telephone Directory
	Spaccaforno C	New York Telephone Directory
	Wallace M C	New York Telephone Directory
	Lawrence Jas	New York Telephone Directory
1945	Hartley Sue Mrs	New York Telephone
	Lazacka Mary	New York Telephone
	Lombardi May Mrs	New York Telephone
	Maple Coal & Coke Co	New York Telephone
	Mayer Madeline A Mrs	New York Telephone
	Spaccaforno C	New York Telephone
1939	Flanagan Nellie Mrs	New York Telephone Company
	Kudlak Fred	New York Telephone Company
	Lazacka Mary	New York Telephone Company
	Lombardi May Mrs	New York Telephone Company
	Mayer Madeline A Mrs	New York Telephone Company
	Mc Guiness C L	New York Telephone Company
1934	Brinkman Henry Margt slsmn	R. L. Polk & Co.
	Brown Chas Mary	R. L. Polk & Co.
	Carlsen Bernard Anna rigger	R. L. Polk & Co.
	Cosgrove Jas Gertrude slsmn	R. L. Polk & Co.
	Doyle Michl dock bldr dept P & S	R. L. Polk & Co.
	Mc Veety	R. L. Polk & Co.
	Asta Carmen Agnes mtrmn	R. L. Polk & Co.
	Benson Benj Gertrude	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Flanagan Nellie Wid Jos	R. L. Polk & Co.
	Grover Jas clnr	R. L. Polk & Co.
	Hofner Cath wid Chas	R. L. Polk & Co.
	Hofner Edw clk Mhn	R. L. Polk & Co.
	Holdos Frank Madgalene bldg supt	R. L. Polk & Co.
	Landis Wm Margt slsmn	R. L. Polk & Co.
	Mason Carmen Emma truck driver	R. L. Polk & Co.
	Mc Veety Frank Mary clk	R. L. Polk & Co.
	Moore John jr printe	R. L. Polk & Co.
	ODonnell Elizabeth wid Patk	R. L. Polk & Co.
	ODonnell Mildred sten Mhn	R. L. Polk & Co.
	ONeill Jos clk	R. L. Polk & Co.
	ONeill Nora	R. L. Polk & Co.
	Rissmann Charlotte waitress	R. L. Polk & Co.
	Roman Anna	R. L. Polk & Co.
	Roman Cath sten	R. L. Polk & Co.
	Roman Ignalius dyer	R. L. Polk & Co.
	Sharkey Mary Wid Saml	R. L. Polk & Co.
	Smith Nelson wtchmn	R. L. Polk & Co.
	Stragi Jos Cath waiter	R. L. Polk & Co.
	Walsh Geo Hannah chauf	R. L. Polk & Co.
	Wyman Elmer J Adeline teleg	R. L. Polk & Co.

1165 45TH AVE

Year	Uses	Source
1970	Chelini Orlando	New York Telephone

1255 45TH AVE

Year	Uses	Source
1991	Velez A	NYNEX Information Resource Company

1347 45TH AVE

Year	Uses	Source
1983	Suarez Severino	New York Telephone

1413 45TH AVE

Year	Uses	Source
1934	Garfield Rose silk Exmnr	R. L. Polk & Co.

FINDINGS

18-12 45TH AVE

Year	Uses	Source
1950	MILLER I B CONTRACTG CORP	New York Telephone
	MILLER I-B-ACSELROD WM BLDRS INC	New York Telephone

18-48 45TH AVE

Year	Uses	Source
1950	NOLFO MARY	New York Telephone

1815 45TH AVE

Year	Uses	Source
2008	DOBBS INTERNATIONAL SERVICE	Cole Information Services
	GATES GOURMET	Cole Information Services

1824 45TH AVE

Year	Uses	Source
1934	Fry Wm Caroline eng	R. L. Polk & Co.

20-01 45TH AVE

Year	Uses	Source
1950	CLARK MARIA E	New York Telephone
	M	New York Telephone

20-02 45TH AVE

Year	Uses	Source
1950	MORFESI FRANK J	New York Telephone

20-03 45TH AVE

Year	Uses	Source
1950	BEZARES YLUMINADO	New York Telephone

20-05 45TH AVE

Year	Uses	Source
1950	GERBER HARRY A	New York Telephone

20-06 45TH AVE

Year	Uses	Source
1950	WARD MARY HARVEY MRS	New York Telephone

20-07 45TH AVE

Year	Uses	Source
1950	COULOUFACOS LEON	New York Telephone

FINDINGS

20-09 45TH AVE

Year	Uses	Source
1950	WELLMAN WM R	New York Telephone
	WELLMAN VIRGINIA M	New York Telephone

20-11 45TH AVE

Year	Uses	Source
1950	REITER AUGUST	New York Telephone

20-12 45TH AVE

Year	Uses	Source
1950	PROCANYN PAUL	New York Telephone

20-14 45TH AVE

Year	Uses	Source
1950	CAISS JOSEF	New York Telephone

20-15 45TH AVE

Year	Uses	Source
1950	LEONE JOSEPHINE	New York Telephone

45TH RD

1018 45TH RD

Year	Uses	Source
1934	International Skylight Co Inc NY	R. L. Polk & Co.
	United Saw Works RTN Albert Needhammer Paul Kiechle	R. L. Polk & Co.

1020 45TH RD

Year	Uses	Source
2013	GARNETT CHRISTIAN	Cole Information Services
	ARMSTRONG LOCKSMITH INCORPORATED	Cole Information Services
2005	h Chesler Andrew	Hill-Donnelly Information Services
	Ehrenwoth Andrew	Hill-Donnelly Information Services
	Gamett Christian w	Hill-Donnelly Information Services
	Gamett Christian s	Hill-Donnelly Information Services
	h Hammerman Pat A	Hill-Donnelly Information Services
	h Mudd Harvey AO	Hill-Donnelly Information Services
	Stein Daniel	Hill-Donnelly Information Services
2000	Joyce Abrams	Cole Information Services

FINDINGS

Year	Uses	Source
2000	Andrew Ehrenwoth	Cole Information Services
	P Hammermankrassn	Cole Information Services
	Crystal Lee	Cole Information Services
	Lori Nozick	Cole Information Services
	Sandra Salisbury	Cole Information Services
	Chesler Andrew	Cole Information Services
	Garnett Christian	Cole Information Services
	Giganti Jnn Evlvng	Cole Information Services
	Mark Andrew Vndng	Cole Information Services
	Mudd Harvey	Cole Information Services
	Robishaw Sandr	Cole Information Services
	Vallas Dean	Cole Information Services
1991	Ten Twenty Art Space Inc	NYNEX Information Resource Company
1962	Saboeva Furn Inc	New York Telephone Directory
	Orium Prods Inc	New York Telephone Directory
1945	Gussack Machined Prods Co	New York Telephone
	Rogge Edw b	New York Telephone
	Roller Engrvng C0 Inc	New York Telephone
1939	Queens Silk Co Inc	New York Telephone Company
	Standard Instruments Corp	New York Telephone Company

1025 45TH RD

Year	Uses	Source
2005	Port Distributing Corp IS	Hill-Donnelly Information Services
1991	PORT DISTRIBTG CORP	NYNEX Information Resource Company
	Port Dstrbtng Corp	NYNEX Information Resource Company
1983	QUADRI INC	New York Telephone

1027 45TH RD

Year	Uses	Source
1945	Missioni Dry Corp sales dept	New York Telephone
	Plaza Beverage Co Inc	New York Telephone
1934	Minary R chipper Leng Island Foundry Co Inc	R. L. Polk & Co.
	Long Island Foundry Co Inc NY cap $100000 Thos F Mc Mahon pres Melvin Healy sec treas	R. L. Polk & Co.
	Kajel S chipper Long Island Foundry Co Inc	R. L. Polk & Co.
	Jaracek J shipper Long Island Foundry Co Inc	R. L. Polk & Co.

Year	Uses	Source
1934	Sekested A truck driver Long Island Fndry Co Inc	R. L. Polk & Co.
	Vanscwer V mldr Long Island Foundry Co Inc	R. L. Polk & Co.
	Sylinskv A mldr Long Island Foundry Co Inc	R. L. Polk & Co.

1028 45TH RD

Year	Uses	Source
1939	Bradley A J Mfg Co oil papr	New York Telephone Company
	Bradley Stencil Cutting Machine Co	New York Telephone Company
	Gussack Machined Prods Inc	New York Telephone Company
	Malan & Meyer	New York Telephone Company
	Dan Dee Strap & Spclty Co	New York Telephone Company
1934	Branch	R. L. Polk & Co.

1030 45TH RD

Year	Uses	Source
1983	Angelos Art	New York Telephone

1032 45TH RD

Year	Uses	Source
1967	Advanced Fabricating Corp	New York Telephone
1962	Advanced Welding & Fabricating Co	New York Telephone Directory

1034 45TH RD

Year	Uses	Source
2013	LLOYD & SONS INC	Cole Information Services
2005	Arlington Furniture Corp	Hill-Donnelly Information Services
2000	The Arlngtn Furn	Cole Information Services
1991	Ionic Furniture Corp	NYNEX Information Resource Company
1983	Ionic Furniture Corp	New York Telephone

1035 45TH RD

Year	Uses	Source
2000	LIC Tracking	Cole Information Services
	LIC Trucking Corp	Cole Information Services

1038 45TH RD

Year	Uses	Source
1939	Hercules Co road rollrs	New York Telephone Company

FINDINGS

1125 45TH RD

Year	Uses	Source
1962	Rapp Wm	New York Telephone Directory

1130 45TH RD

Year	Uses	Source
2013	YORK INTERNATIONAL	Cole Information Services
2008	NEW YORK STORE FIXTURE	Cole Information Services
	YORK INTERNATIONAL	Cole Information Services
2000	Owens Express	Cole Information Services
	Green Mtn Graphics	Cole Information Services
1991	Ferroform Inc	NYNEX Information Resource Company
1970	Efficient Instruments Corp	New York Telephone
	Efficient Instrments Corp	New York Telephone
	Argo Instrmnts Corp	New York Telephone

1136 45TH RD

Year	Uses	Source
1976	Tech Inquiries	New York Telephone
1967	Tech Inquiries	New York Telephone

1140 45TH RD

Year	Uses	Source
2005	SSG Library Svc	Hill-Donnelly Information Services
1976	Fisher Radio Corp Exec Offices	New York Telephone
	Parts Dept	New York Telephone
	Repr Svce & Parts	New York Telephone
1970	Exec Offices	New York Telephone
	Repr Svce & Parts	New York Telephone
1967	Exec Offices	New York Telephone
	Repr Svce	New York Telephone

1866 45TH RD

Year	Uses	Source
2000	Nation Wd Recycle	Cole Information Services

2019 45TH RD

Year	Uses	Source
2000	Cheryl Buchner	Cole Information Services

FINDINGS

2046 45TH RD

Year	Uses	Source
2000	Michael Stapleton	Cole Information Services

2057 45TH RD

Year	Uses	Source
2000	David Hamill	Cole Information Services
	21ST ST INTS FROM	Cole Information Services

2059 45TH RD

Year	Uses	Source
1939	Kiernan Patrick	New York Telephone Company

2103 45TH RD

Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 8 Chan Lynne 718 433 2699 oi	Hill-Donnelly Information Services
	Kraft Franfarrel A	Hill-Donnelly Information Services
	Maasjo Brian	Hill-Donnelly Information Services
	Moulas Maria 0v	Hill-Donnelly Information Services
	Moulas Marts	Hill-Donnelly Information Services
	Numbr 5 h Spaid Joseph 0718 729 1786 oi	Hill-Donnelly Information Services
	Numbr 4 Tsantes Anastasia AA	Hill-Donnelly Information Services
	Winton K v O	Hill-Donnelly Information Services
2000	David Nygran	Cole Information Services
	Mark Abbott	Cole Information Services
	Julienne Kim	Cole Information Services
	Kraft	Cole Information Services
	Maria Moulas	Cole Information Services
1991	Cruz Tomasita	NYNEX Information Resource Company
	Danies C M	NYNEX Information Resource Company
	Joes Cleaners	NYNEX Information Resource Company
	Kraft F Farrell	NYNEX Information Resource Company
	Kuznetzkoff Dana	NYNEX Information Resource Company
	Mouganis Christopher	NYNEX Information Resource Company
	Pally A J	NYNEX Information Resource Company
	Press J	NYNEX Information Resource Company
	Thelma Unisex & Hairstylist	NYNEX Information Resource Company
	Tsantes Anastasia	NYNEX Information Resource Company
	Tsantes Harry A	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1983	Bautista Pacifico S	New York Telephone
	City View Unisex Ltd	New York Telephone
	Faber G	New York Telephone
	Kellough C	New York Telephone
	Kraft F Farrell	New York Telephone
	Miller M	New York Telephone
	Sanabria Gilberto	New York Telephone
	Tsantes Anastasia	New York Telephone
1976	Daos Alfredo G	New York Telephone
1970	Astoria Travl Agency	New York Telephone
	Cormick John J	New York Telephone
	Fulkrod Richard L	New York Telephone
	Mason Victor	New York Telephone
	Sarbak Chester	New York Telephone
1967	Cormick John J	New York Telephone
	Liberto Frank J	New York Telephone
1962	Collins Jas J	New York Telephone Directory
	Garrity Thos J	New York Telephone Directory
	Kapun Edw	New York Telephone Directory
	Ledden Thos Mrs	New York Telephone Directory
	Natalizio Antionette	New York Telephone Directory
	Pillion Geo F	New York Telephone Directory
	Sheehy John J	New York Telephone Directory
1945	Pillion Margaret	New York Telephone
1939	Kelly Jas W	New York Telephone Company
1934	Bonanno Anthony barber	R. L. Polk & Co.
	Bonnano Jos Mary elev opr	R. L. Polk & Co.
	Boron John Mary bldg supt	R. L. Polk & Co.
	Coffey Walter Jean slsmn Mhn	R. L. Polk & Co.
	Doyle Ellen wid Jas	R. L. Polk & Co.
	Kelly Mary	R. L. Polk & Co.
	Maher Danl Sarah	R. L. Polk & Co.
	Maher Danl jr musician	R. L. Polk & Co.
	Maher Violet tel opr	R. L. Polk & Co.
	Manto Jos Antoinette barber	R. L. Polk & Co.
	Sheehy John Beatrice clk PO	R. L. Polk & Co.
	Stergionis Asimina	R. L. Polk & Co.
	Sullivan Florence	R. L. Polk & Co.

Year	Uses	Source
1934	Sullivan Rose sten	R. L. Polk & Co.

45TH ST

10-11 45TH ST

Year	Uses	Source
1950	SUN DEW CORP BEVRGS	New York Telephone
	ORANGE MAID INC	New York Telephone

10-12 45TH ST

Year	Uses	Source
1950	KROMALL CHEMCL & DISPERSIONS CORP	New York Telephone

10-15 45TH ST

Year	Uses	Source
1950	US MANNEQUIN MTG CO	New York Telephone
	BEST METL PRODC INC	New York Telephone
	PETER PUPPET PLAYTHINGE INC	New York Telephone
	NATL VENELATS CO INC	New York Telephone

10-18 45TH ST

Year	Uses	Source
1950	SANDER MONROE CORP LAGRS VARNSHS	New York Telephone
	MONROE SANDER CORP LAQRS VARNSHS	New York Telephone

10-27 45TH ST

Year	Uses	Source
1950	WOOLBRYTE FABRICS CO	New York Telephone
	BORSDORFF CO INC THE FURN	New York Telephone
	IMPERIAL REED & FLBRA CO	New York Telephone
	BEHRENS WOOLEN MILLS INC	New York Telephone

10-35 45TH ST

Year	Uses	Source
1950	FEHLHABER PILE CO INC	New York Telephone

10-36 45TH ST

Year	Uses	Source
1950	QUEENS TEXTILE MFG INC	New York Telephone

Year	Uses	Source
1950	TIMBERLANE HOTEL GUEST RANCH	New York Telephone

10-40 45TH ST

Year	Uses	Source
1950	HEFGOLD REALTY CORP OFC	New York Telephone
	EMPIRE CITY IRON WKS	New York Telephone
	DALY STEEL PRODS CO	New York Telephone
	HEFFNER S O RL EST	New York Telephone

1020 45TH ST

Year	Uses	Source
1934	Goldman Abr Celia Goldman Bros	R. L. Polk & Co.

1027 45TH ST

Year	Uses	Source
1934	Donohue W emp Long Island Foundry Co Inc	R. L. Polk & Co.

1035 45TH ST

Year	Uses	Source
1934	Zinn Saul I Westminster Pharmacy	R. L. Polk & Co.

1095 45TH ST

Year	Uses	Source
1962	SCHIEFFELIN & CO	New York Telephone Directory
	Drug Order Dept	New York Telephone Directory
	Genl Offices	New York Telephone Directory
	Drug Ordr Dept	New York Telephone Directory
	Schieffelin & Co drugs phrmcutcls	New York Telephone Directory
	Schieffelin & Co drugs phrmcutcls	New York Telephone Directory

11-14 45TH ST

Year	Uses	Source
1950	DEREN GEO F	New York Telephone
	DE VITA WM G	New York Telephone
	BURCH JOHN P JR	New York Telephone
	BAYLIS MARY	New York Telephone
	BACHENHEIMER ALBERT D	New York Telephone
	ADAMS JAS	New York Telephone
	W	New York Telephone
	VINE WM	New York Telephone

Year	Uses	Source
1950	STREUBER ANTONIE	New York Telephone
	SHAW MARY MRS	New York Telephone
	ROWAN JEANETTE MRS	New York Telephone
	ROBINSON WM J	New York Telephone
	MOORE GERALDINE	New York Telephone
	MOLONEY MARY MRS	New York Telephone
	MCCARTHY PATRICIA E	New York Telephone
	MACHINSKY PETER	New York Telephone
	M	New York Telephone
	KENNEDY PATK	New York Telephone
	DE NERO ANTHONY F	New York Telephone

11-24 45TH ST

Year	Uses	Source
1950	ACME EXTERMINATING CO	New York Telephone
	WARYOLD FRANK P	New York Telephone
	ARC ENGNRNG CO BOILR REPR& WELDNG	New York Telephone
	BELLINI MICHL A	New York Telephone
	BISIGNANL VINCENT F DDS	New York Telephone
	BURNOR HARRY A	New York Telephone
	CARBONE GERTRUDE	New York Telephone
	CARELLI FRANK P	New York Telephone
	COLLETTI GEO	New York Telephone
	D ANTUONO RALPH J	New York Telephone
	DE NERO JOS	New York Telephone
	DE SERIO JOHN	New York Telephone
	FERRINI JULIUS	New York Telephone
	FIORETTL CARRIE	New York Telephone
	FUMEX SANITATION INC	New York Telephone
	GALLAGHER WM	New York Telephone
	GEAGAN JOHN	New York Telephone
	GLRARDL JEROME J	New York Telephone
	AMER COM STEEL CO	New York Telephone
	VISSER ADRLANUS	New York Telephone
	GOLDNER ALEX H	New York Telephone
	KENNY JOHN H	New York Telephone
	KENNY THOS	New York Telephone
	L I TANK LINING CO	New York Telephone

FINDINGS

Year	Uses	Source
1950	M	New York Telephone
	MAJESTLC EXTERMINATING CO INC	New York Telephone
	P	New York Telephone
	PIEKEMA SUSAN	New York Telephone
	PROFESSIONAL MENS EXCHANGE OF QNS	New York Telephone
	QUEENS TELEPHONE SECRETARY	New York Telephone
	RICCIO MARGIE R	New York Telephone
	S	New York Telephone
	S	New York Telephone
	SCHARFF CARRIE MRS	New York Telephone
	SHEPPARD WM C JR	New York Telephone
	SORIANO VINCENT A	New York Telephone
	STACK BEREHA MRS	New York Telephone
	STERNER TERESA MRS	New York Telephone

1115 45TH ST

Year	Uses	Source
1934	Newbury Nelson Mary slsmn	R. L. Polk & Co.
	Fontana Eug Elvira formn Mhn	R. L. Polk & Co.

1147 45TH ST

Year	Uses	Source
1934	OConnor Jos Cath handymn	R. L. Polk & Co.

1155 45TH ST

Year	Uses	Source
1934	Moore Mary wid John	R. L. Polk & Co.
	Mc Cabe Margt wid John matron	R. L. Polk & Co.
	Mc Cabe Jas elev opr Mhn	R. L. Polk & Co.
	Leahy Wm Jane chauf Mhn	R. L. Polk & Co.
	Brown Martin Winifred lab	R. L. Polk & Co.
	Rissmann Elsie Wid Walter	R. L. Polk & Co.

1254 45TH ST

Year	Uses	Source
1934	Wolff Herman Frances pres Wollf Alport Chemical Corp	R. L. Polk & Co.

FINDINGS

1322 45TH ST

Year	Uses	Source
1934	Robinson Robt Virginia clk	R. L. Polk & Co.

1330 45TH ST

Year	Uses	Source
1934	Blum Louis Blum Electric Co	R. L. Polk & Co.

1401 45TH ST

Year	Uses	Source
1996	UNYT Newspapers	NYNEX

46TH AVE

10-20 46TH AVE

Year	Uses	Source
1950	BANNON CATHERINE M MRS	New York Telephone

10-22 46TH AVE

Year	Uses	Source
1950	LAURL BENJ	New York Telephone

10-24 46TH AVE

Year	Uses	Source
1950	OCONNOR JOHN D	New York Telephone

10-25 46TH AVE

Year	Uses	Source
1950	HEPPA WM TRUCKING CO INC	New York Telephone

10-26 46TH AVE

Year	Uses	Source
1950	LAURI ANIEL T	New York Telephone

10-28 46TH AVE

Year	Uses	Source
1950	MEO SALVATORE	New York Telephone

10-29 46TH AVE

Year	Uses	Source
1950	FARM FOOD CHEESE CORP	New York Telephone

FINDINGS

10-34 46TH AVE

Year	Uses	Source
1950	BWAY REBUILT MOTOR DISTRIBUTRS CO	New York Telephone
	CONSOLIDATED OIL & SUPPLY CO	New York Telephone

10-35 46TH AVE

Year	Uses	Source
1950	GRAY SELMA	New York Telephone
	KEMPF CHAS H	New York Telephone
	SULLA LAWRENCE	New York Telephone
	GRAY LILLIA E	New York Telephone

10-37 46TH AVE

Year	Uses	Source
1950	LO PICCOLO JOHN	New York Telephone

10-41 46TH AVE

Year	Uses	Source
1950	AMATO FRANK	New York Telephone
	CAGGIANO LAWRENCE	New York Telephone
	CARUNO ANNE	New York Telephone

10-42 46TH AVE

Year	Uses	Source
1950	JEROME ANTHONY J	New York Telephone

10-43 46TH AVE

Year	Uses	Source
1950	RENNA JAS V	New York Telephone
	CHLAPPISE ANTHONY	New York Telephone

10-45 46TH AVE

Year	Uses	Source
1950	DI GESU FRANK	New York Telephone

10-47 46TH AVE

Year	Uses	Source
1950	CANNIZZARO PETER	New York Telephone

FINDINGS

10-48 46TH AVE

Year	Uses	Source
1950	DE LANEY SARAH	New York Telephone

10-49 46TH AVE

Year	Uses	Source
1950	LO CICERO BENJ J	New York Telephone

10-50 46TH AVE

Year	Uses	Source
1950	PEPE FRANK	New York Telephone

10-51 46TH AVE

Year	Uses	Source
1950	MASON MARY	New York Telephone

10-52 46TH AVE

Year	Uses	Source
1950	NORTON CATHERINE	New York Telephone

10-54 46TH AVE

Year	Uses	Source
1950	AGOGUA FELICE	New York Telephone

1016 46TH AVE

Year	Uses	Source
2013	RANDEL MOLD & DIE CORP	Cole Information Services
2008	COVALENCE SPECIALTY MATERIALS	Cole Information Services

1018 46TH AVE

Year	Uses	Source
1967	Monroe Sander Corp The laqrs & vrnshs	New York Telephone
	Sander Monroe Corp The lagrs & vrnshs	New York Telephone
1962	Sander Monroe Corp The laqrs & vrnshs	New York Telephone Directory
	Monroe Sander Corp The laqrs & vrnshs	New York Telephone Directory
1939	Sander Monroe Corpn lacquers & Varnishes	New York Telephone Company
	Salore Inc	New York Telephone Company
	Monroe Sander Corpn lacquers & varnishes	New York Telephone Company

FINDINGS

1022 46TH AVE

Year	Uses	Source
2013	DMP COMPANY INC	Cole Information Services

1024 46TH AVE

Year	Uses	Source
1945	Carpenter Morton Co Inc	New York Telephone
	Imperial Paint Co	New York Telephone
	United Varnish Co	New York Telephone
1939	Imperial Paint Co	New York Telephone Company
	Carpenter Morton Co Inc	New York Telephone Company

1025 46TH AVE

Year	Uses	Source
1934	Standard Motor products Corp NY Elias Fife pres treas Herman O Rosenstein sec	R. L. Polk & Co.

1026 46TH AVE

Year	Uses	Source
2013	PICKEREL PIE ENTERTAINMENT	Cole Information Services
2005	Macias Pl	Hill-Donnelly Information Services
2000	Margaret Heffeman	Cole Information Services
1991	Lyon Bill	NYNEX Information Resource Company
1983	Gross Howard	New York Telephone
	Wallington Motor Lines Inc	New York Telephone
1970	Astro Picture Frames & Moldings Corp	New York Telephone
1945	Monroe Sander Corp laqrs & varnshes	New York Telephone
	Sander Monroe Corp laqrs & varnshes	New York Telephone
1939	Eclipse Paint Mfg Co	New York Telephone Company
	Encore Palnt & Varnish Mfg Co	New York Telephone Company

1027 46TH AVE

Year	Uses	Source
2013	JORGES UPHOLSTERY	Cole Information Services
	ROW NEW YORK INC	Cole Information Services
2008	JORGES UPHOLSTERY	Cole Information Services
	L C H UPHOLSTERY INC	Cole Information Services
	MITTMAN LEWIS INC	Cole Information Services
	SUCCESS PRODUCTION ADVERTISING INC	Cole Information Services
	RACK & PINION	Cole Information Services

FINDINGS

Year	Uses	Source
2008	INDEPENDENT STUDIOS 1	Cole Information Services
2005	Barber Vivian	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	Hogan Betty Ann 1 718 937 3582 + Numbr 4 Independent St	Hill-Donnelly Information Services
	Keano Monika	Hill-Donnelly Information Services
	LCH Upholstery Inc 11718433 0094 o	Hill-Donnelly Information Services
	Numbr 1 Lewis Mittman Inc	Hill-Donnelly Information Services
	Rayones Art Studio	Hill-Donnelly Information Services
	Risquez Geromino	Hill-Donnelly Information Services
	Success Advertising Is	Hill-Donnelly Information Services
	h Thulin A	Hill-Donnelly Information Services
2000	Vivian Barber	Cole Information Services
	Monika Keano	Cole Information Services
	Chahee Pickard	Cole Information Services
	Independent S	Cole Information Services
	Independent	Cole Information Services
	Upholstery Inc	Cole Information Services
	Rayones Art Studio	Cole Information Services
	Schaumburger Anu	Cole Information Services
	Simpson Hester	Cole Information Services
	Thulin	Cole Information Services
1991	Independent Studios	NYNEX Information Resource Company
1983	William Parry Architectural Woodwork	New York Telephone
	Christie Arthur b	New York Telephone
	C G Graphics	New York Telephone
1967	Imperial Reed & Rattan Furn Co	New York Telephone
1962	Imperial Reed & Rattan Furn Co	New York Telephone Directory
1945	Imperial Reed & Fibre Co	New York Telephone
	Behrens Woolen Mills Inc	New York Telephone
1939	Mari E & O Inc muscl strings	New York Telephone Company
	Hall T F Inc heatg	New York Telephone Company
	Evans Elevator Equalizer Co	New York Telephone Company
	Behrens Bros Silk Co Inc	New York Telephone Company
1934	Bradley Bldg	R. L. Polk & Co.

1028 46TH AVE

Year	Uses	Source
2013	TAI RUI TRADING INCORPORATED	Cole Information Services

Year	Uses	Source
1934	Rettinger Bros TN Geo Rettinger blksmlths	R. L. Polk & Co.

1034 46TH AVE

Year	Uses	Source
2005	Building Specialties Corp	Hill-Donnelly Information Services
	ir 718 468 7412 o	Hill-Donnelly Information Services
2000	Bldng Spclts Corp	Cole Information Services
1991	Building Specialties Corp	NYNEX Information Resource Company
1983	Building Specialties Corp	New York Telephone
1976	Building Specialties Corp	New York Telephone
1970	Building Sepecialties Corp	New York Telephone
1967	Building Specialties Corp	New York Telephone
1945	Escape Hatch Co The	New York Telephone

1036 46TH AVE

Year	Uses	Source
2005	Phillip Import Inc	Hill-Donnelly Information Services
	New Jingle Sportswear Inc	Hill-Donnelly Information Services
2000	Tammy C Ltd	Cole Information Services
	Innerline Inc	Cole Information Services
	Park SE Woong	Cole Information Services
1945	Queens Textile Mill Inc	New York Telephone
1939	Queens Textile Mill Inc	New York Telephone Company

1038 46TH AVE

Year	Uses	Source
2013	COMPUTERCOOL ICE AGE MECHANICAL CORP	Cole Information Services
2005	Tony Century Fashion Inc	Hill-Donnelly Information Services
1991	Aaron Fashion Knitwear Ltd	NYNEX Information Resource Company
1983	Aaron Fashion Knitwear Ltd	New York Telephone

1040 46TH AVE

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	11TH ST INTS FROM	Cole Information Services
	Classic Exec Limo	Cole Information Services
1991	Metal Partition Sales Corp	NYNEX Information Resource Company
	Duncan Long Inc	NYNEX Information Resource Company
1983	Duncan Long Inc partitions	New York Telephone

FINDINGS

Year	Uses	Source
1970	Miller R B Organztn Inc	New York Telephone
1967	Miller R B Organztn Inc	New York Telephone
1962	Todays Displays Inc	New York Telephone Directory
1945	Hefgold Realty Corpn off	New York Telephone
	Heffner S O rl est	New York Telephone
	Heffner S O rl est	New York Telephone
	Empire City Iron Works	New York Telephone
	Daly Steel Prods Co	New York Telephone
1939	Empire City Iron Works	New York Telephone Company
	Hefgold Realty Corpn off	New York Telephone Company
	Heffner S O rl est	New York Telephone Company
1934	Daly Steel Products Corp NY Cap $20 000 Leopold Heffner pres treas Nathan Heffner sec Simon O Heffner asst treas subsidiary of and controlled by Empire City Iron Wks	R. L. Polk & Co.
	Empire City Iron Works NY Leopold Heffner pres treas Nathan Heffner sec Simon O Heffner asst treas	R. L. Polk & Co.

11-15 46TH AVE

Year	Uses	Source
1950	SULLIVAN PHILIP T	New York Telephone
	TANALSKI JOS	New York Telephone
	TANALSKI WALTER A	New York Telephone
	W	New York Telephone
	ATKINSON MARGARET C	New York Telephone
	B	New York Telephone
	CANTANNO JOA	New York Telephone
	DALLEY JAS J	New York Telephone
	DELGADO JOS	New York Telephone
	ELLINGTON WM R	New York Telephone
	FLOWER ISIDORE	New York Telephone
	FREY FRANCES	New York Telephone
	FRIEDER LOUIS	New York Telephone
	GANO R P	New York Telephone
	JUCHNIEWICZ JOHN F	New York Telephone
	LEVESQUE ETHEL M	New York Telephone
	LOTITO PATSY	New York Telephone
	OTT JOS	New York Telephone
	PICECE NICHOLAS M	New York Telephone
	POLACHEK ELY AL	New York Telephone

FINDINGS

Year	Uses	Source
1950	RAUSCHWALD MARK	New York Telephone
	REID JOS J	New York Telephone

11-16 46TH AVE

Year	Uses	Source
1950	NICKS LUNCHEONETTE	New York Telephone

11-18 46TH AVE

Year	Uses	Source
1950	FLAACKE WM DELCTSN	New York Telephone

11-25 46TH AVE

Year	Uses	Source
1950	ABRAMS ROSE MRS	New York Telephone
	B	New York Telephone
	BURCH JOHN J	New York Telephone
	CAPPA ANGELO C	New York Telephone
	CARROLL FLORENCE A MRS	New York Telephone
	COHEN SAML	New York Telephone
	COSOMANO ANTHONY	New York Telephone
	EMANUEL GUS	New York Telephone
	GARRAMONE PATSY	New York Telephone
	GARVEY JAS T	New York Telephone
	GELTER FRANK	New York Telephone
	J M E TRANSPTN	New York Telephone
	JAKOBLAK FRANCIS J	New York Telephone
	JUTT WM E	New York Telephone
	MCCABE MARY MRS	New York Telephone
	ODONNELL JOHN	New York Telephone
	PHOTAKIS EVELYN	New York Telephone
	PINES BROS INDUSTRL PAINTRS	New York Telephone
	REINFURT GEO	New York Telephone
	S	New York Telephone
	SCHMIDT ALFRED	New York Telephone
	SPERO MICHL A	New York Telephone
	TOSCANO PAULA MRS	New York Telephone
	VERSACI BESSIE M	New York Telephone

FINDINGS

11-26 46TH AVE

Year	Uses	Source
1950	WOLVERINE TUBE DIV OF CALUMET & HECLA CONSOLIDATD COPPER CO INC	New York Telephone

11-30 46TH AVE

Year	Uses	Source
1950	YORK DISTRIBUTRS INC	New York Telephone
	YORK CORP COML DIV	New York Telephone

11-31 46TH AVE

Year	Uses	Source
1950	SCHULTZ CHAS A B	New York Telephone
	SIMONDS JOHN F B	New York Telephone
	RAAB G R B	New York Telephone
	RAAB G R B	New York Telephone
	BOSTWICK G B B J	New York Telephone

11-42 46TH AVE

Year	Uses	Source
1950	MEMENTO ASSOCIATES	New York Telephone
	AMER HOME FOODS INC N Y DIST SALES OFC	New York Telephone
	PELLICANO ANTHONY PAINTNG & DECORATG	New York Telephone
	ROSEN H CONTR	New York Telephone

11-48 46TH AVE

Year	Uses	Source
1950	WURM J DENTAL ENAMEL CO	New York Telephone

1103 46TH AVE

Year	Uses	Source
1991	Western Hemisphere Publishers Reps Inc	NYNEX Information Resource Company
	British Publications Inc	NYNEX Information Resource Company
	Elite Publshng Corp	NYNEX Information Resource Company
	European Film P T V Inc	NYNEX Information Resource Company
	European Media Reps Inc	NYNEX Information Resource Company
	European Publishers Reps Inc	NYNEX Information Resource Company
	Italian Advtng Co Inc	NYNEX Information Resource Company
	Italian Publicatns Inc	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Italian Television Co Inc	NYNEX Information Resource Company
1983	British Publications Inc	New York Telephone
	Continental Book Co	New York Telephone
	EUROBOOKS MAIL ORDER LIBRARY	New York Telephone
	European Film P T V Inc	New York Telephone
	European Media Reps Inc	New York Telephone
	European Publshrs Representatives Inc	New York Telephone
	French Book Guild	New York Telephone
	Italian Adving Co Inc	New York Telephone
	Italian Publicatns Inc	New York Telephone
	Italian Television Co Inc	New York Telephone
	Western Hemisphere Publishers Reps Inc	New York Telephone
	Elite Publishing	New York Telephone
1976	Eurobooks Mail Order Library	New York Telephone
	Elite Publishing	New York Telephone
	Continental Book Co	New York Telephone
	British Publications Inc	New York Telephone
	French Book Guild	New York Telephone
	European Film P T V Inc	New York Telephone
	European Media Reps Inc	New York Telephone
	European Publshrs Representatives Inc	New York Telephone
	Italian Advtng Co Inc	New York Telephone
	Italian Publicatns Inc	New York Telephone
	Italian Television Co Inc	New York Telephone
1970	Coldelit Corp of Amer	New York Telephone

1114 46TH AVE

Year	Uses	Source
2013	46TH AVE PLUMBING & SEWER	Cole Information Services
2005	Numbr 30 Thorpe J	Hill-Donnelly Information Services
	Whitehouse Phyllis	Hill-Donnelly Information Services
	Numbr 3 G h Wingate L D v Y 718 937 1420 oi	Hill-Donnelly Information Services
	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 4 E Balazs Jorge	Hill-Donnelly Information Services
	Numbr 4 A Benson Thomas M	Hill-Donnelly Information Services
	Carsmnan Marian L	Hill-Donnelly Information Services
	Numbr 41 Creighton Robert A	Hill-Donnelly Information Services
	E h Defreitas Frank J 718 786 3671 68e	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Numbr BSMT h Feldstein Llaudia	Hill-Donnelly Information Services
	Numbr 4 H Frome	Hill-Donnelly Information Services
	Frome Jason	Hill-Donnelly Information Services
	Numbr 3 C Goetl David v	Hill-Donnelly Information Services
	Numbr 2D Hunt	Hill-Donnelly Information Services
	Numbr l Fh King Wayne	Hill-Donnelly Information Services
	Numbr 2 C Mendoza Betheddie	Hill-Donnelly Information Services
	Numbr 23 h Morano Kathleen	Hill-Donnelly Information Services
	h Pizzitola E	Hill-Donnelly Information Services
	Numbr 3 F Quinones Adrienne	Hill-Donnelly Information Services
	Quinones William p	Hill-Donnelly Information Services
	Numbr 2 C a Romeo Ri	Hill-Donnelly Information Services
	Numbr 4 F Siguencia Julia	Hill-Donnelly Information Services
	Numbr 3 H St Sauver Jason v	Hill-Donnelly Information Services
	h Taylor Sara v	Hill-Donnelly Information Services
2000	Apartments	Cole Information Services
	E Jorge Balazs	Cole Information Services
1996	FROME Jason	NYNEX
1991	Saggerson Neil	NYNEX Information Resource Company
	Schneider Paul	NYNEX Information Resource Company
	Sprechman Jordan	NYNEX Information Resource Company
	Talpa Joe	NYNEX Information Resource Company
	Walling Walter F	NYNEX Information Resource Company
	Wittman Anne	NYNEX Information Resource Company
	Woods Charles	NYNEX Information Resource Company
	Ziegler B	NYNEX Information Resource Company
	Jorquera Flora	NYNEX Information Resource Company
	Balazs Jorge	NYNEX Information Resource Company
	Bedrosian G	NYNEX Information Resource Company
	Belardo A	NYNEX Information Resource Company
	Calderon Alex	NYNEX Information Resource Company
	Chauncey Edwin	NYNEX Information Resource Company
	Corkhill Olga	NYNEX Information Resource Company
	De Freitas Frank J	NYNEX Information Resource Company
	Frome Jason	NYNEX Information Resource Company
	Gallo Michael	NYNEX Information Resource Company
	Grosky Reid	NYNEX Information Resource Company
	Hush Michele	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Morsette Z	NYNEX Information Resource Company
	OGara Kevin	NYNEX Information Resource Company
	Plummer V	NYNEX Information Resource Company
	Rabin Eliott	NYNEX Information Resource Company
	Robertson James R	NYNEX Information Resource Company
	Robins Richard	NYNEX Information Resource Company
1983	Jorquera Flora	New York Telephone
	Balazs Jorge	New York Telephone
	Belardo A	New York Telephone
	Bracken Michael	New York Telephone
	Brown Robert H Jr	New York Telephone
	Chauncey Edwin	New York Telephone
	Corkhill Olga	New York Telephone
	Cunanan Ernesto	New York Telephone
	De Freitas Frank J	New York Telephone
	Jehle Geo R	New York Telephone
	Kingsbury E Mar	New York Telephone
	Koutsos Paul	New York Telephone
	Murray J P Mrs	New York Telephone
	Norman Dara	New York Telephone
	Pinto Grace Mrs	New York Telephone
	Ramirez G	New York Telephone
	Santiago Richard	New York Telephone
	Serra Francisco M	New York Telephone
	Serra Jorge	New York Telephone
	Serra Luis	New York Telephone
	Sorrell M	New York Telephone
	Spettmann Joseph	New York Telephone
	Spivack L	New York Telephone
	Talpa Joe	New York Telephone
	Taylor J A	New York Telephone
	Terzian Vasken	New York Telephone
	Thomsen T K	New York Telephone
	Williamson M	New York Telephone
	Dziewanowski Jas	New York Telephone
1976	Aquino Carlito	New York Telephone
	Balazs Jorge	New York Telephone
	Belardo A	New York Telephone

FINDINGS

Year	Uses	Source
1976	Chauncey Edwin	New York Telephone
	Clifford Agnes Mrs	New York Telephone
	Corkhill Edw J	New York Telephone
	De Freitas Frank J	New York Telephone
	Dimasin S A	New York Telephone
	Fazzi G L	New York Telephone
	Ferro Jose A	New York Telephone
	Forrester Deborah	New York Telephone
	Hice J	New York Telephone
	Hyland Mae E	New York Telephone
	Kull Paul Mrs	New York Telephone
	Mancini Mario	New York Telephone
1970	Belardo A	New York Telephone
	Benson Ben	New York Telephone
	Chauncey Edwin	New York Telephone
	Clifford Agnes Mrs	New York Telephone
	Corkhill Edw J	New York Telephone
	DeFreitas Frank J	New York Telephone
	Fischetti Jos	New York Telephone
	Glaser Carole L	New York Telephone
	Haner Caroline	New York Telephone
	Hyland Mae E	New York Telephone
	Jehle Geo R	New York Telephone
	Kennedy Margaret	New York Telephone
	Keough Wm	New York Telephone
	Kull Paul Mrs	New York Telephone
	Lomnicki John	New York Telephone
	McLellan Jas A	New York Telephone
	Murray J P Mrs	New York Telephone
	Robinson Selma Mrs	New York Telephone
	Rowan Jeanette Mrs	New York Telephone
	Shaw Mary Mrs	New York Telephone
	Smyth Marie	New York Telephone
	Styles Geraldine	New York Telephone
	Jerome Frank H	New York Telephone
	Jerome Gary	New York Telephone
1967	Belardo A	New York Telephone
	Benson Ben	New York Telephone

FINDINGS

Year	Uses	Source
1967	Burch John P Jr	New York Telephone
	Caezza Vincent M	New York Telephone
	Chauncey Lvynn E	New York Telephone
	Corkhill Edw J	New York Telephone
	Covell M P	New York Telephone
	Fischetti Jos	New York Telephone
	Haner Caroline	New York Telephone
	Hyland Mae E	New York Telephone
	Jehle Geo R	New York Telephone
	Kennedy Patk F	New York Telephone
	Keough Wm	New York Telephone
	Kull Paul Mrs	New York Telephone
	Lomnicki John	New York Telephone
	McLellan Jas A	New York Telephone
	Murray J P Mrs	New York Telephone
	Robinson Selma Mrs	New York Telephone
	Rowan Jeanette Mrs	New York Telephone
	Shaw Mary Mrs	New York Telephone
	Smyth Marie	New York Telephone
	Streuber Antonie	New York Telephone
	Vine Agnes Mrs	New York Telephone
1962	Apel Gustav F	New York Telephone Directory
	Belardo A	New York Telephone Directory
	Benson Ben	New York Telephone Directory
	Caezza Vincent N	New York Telephone Directory
	Connolly Thos	New York Telephone Directory
	Corkhil Edw J	New York Telephone Directory
	Covell Mary P Mrs	New York Telephone Directory
	Cullen Mae Agnes	New York Telephone Directory
	Fischetti Jos	New York Telephone Directory
	Haner Caroline	New York Telephone Directory
	Hyland Mae E	New York Telephone Directory
	Jehle Geo R	New York Telephone Directory
	Kennedy Patk F	New York Telephone Directory
	Keough Wm	New York Telephone Directory
	McLellan Jas A	New York Telephone Directory
	Mulligan Gordon	New York Telephone Directory
	Murray J P Mrs	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Robinson Selma Mrs	New York Telephone Directory
	Rowan Jeanette Mrs	New York Telephone Directory
	Shaw Mary Mrs	New York Telephone Directory
	Smyth Marie	New York Telephone Directory
	Streuber Antonie	New York Telephone Directory
	Vine Agens Mrs	New York Telephone Directory
1945	Astey Helen M	New York Telephone
	Charles Christina E Mrs	New York Telephone
	McCarthy T Mrs	New York Telephone
	Moloney Mary Mrs	New York Telephone
	Rowan Jeanette Mrs	New York Telephone
	Wm	New York Telephone
	Wilson Danl Mrs	New York Telephone
1939	Behrens Ernest	New York Telephone Company
	Charles Pauline B	New York Telephone Company
	Mc Carthy Margaret V	New York Telephone Company
	Moloney Mary Mrs	New York Telephone Company
	Tancredi J M Miss	New York Telephone Company
1934	Alvaranga Anthony clk	R. L. Polk & Co.
	Alvaranga Ella Wid Aubrey	R. L. Polk & Co.
	Alvaranga Oswald clk	R. L. Polk & Co.
	Campeau Beth singer	R. L. Polk & Co.
	Casanova Teobaldo Carmen asst eng Pres Bror Q	R. L. Polk & Co.
	Corcoran Wm J real est agt	R. L. Polk & Co.
	Freidman Jesse D Rhoda phys	R. L. Polk & Co.
	Friedman Jesse D Rhoda phys	R. L. Polk & Co.
	Hand John jr Anna sctor	R. L. Polk & Co.
	Henley Cath candy pkr	R. L. Polk & Co.
	Hopwood Geo Cath stonectr	R. L. Polk & Co.
	Hyland Leslie May sheet metalwkr	R. L. Polk & Co.
	Jakobiak Francs J Dora traffic mgr	R. L. Polk & Co.
	Mc Carthy Thos Cath	R. L. Polk & Co.
	Minott Paul Ellen clk	R. L. Polk & Co.
	Murray John E Agnes collr Mhn	R. L. Polk & Co.
	Nine Wm Emily bldg supt	R. L. Polk & Co.
	Oliver Mary A walter	R. L. Polk & Co.
	Rowan Jeanette Mrs	R. L. Polk & Co.
	Scott Alice	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Scott Vera	R. L. Polk & Co.
	Shea Patk Alice tinsmith	R. L. Polk & Co.
	Smith Alice wid Timothy	R. L. Polk & Co.
	Smith Constance A G tchr	R. L. Polk & Co.
	Sokol DAvid Ida Sokol Pharmacy	R. L. Polk & Co.
	Thornton Chas Sybil clk	R. L. Polk & Co.
	Waldron Jas Margt	R. L. Polk & Co.
	Waldron Thos inspr	R. L. Polk & Co.
	Waldron Wm	R. L. Polk & Co.
	Waldron Wm jr carp	R. L. Polk & Co.

1115 46TH AVE

Year	Uses	Source
2008	SHINE ELECTRONICS INC	Cole Information Services

1124 46TH AVE

Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	Numbr 2 H h Asitimbay Luis	Hill-Donnelly Information Services
	Numbr BSMT h Banu Claudiu v	Hill-Donnelly Information Services
	Bautista Blanca Lydia v	Hill-Donnelly Information Services
	Bromberg r	Hill-Donnelly Information Services
	Numbr 4 Ch Callanta Aurora AT	Hill-Donnelly Information Services
	Numbr 2 F Cemente Beatrice	Hill-Donnelly Information Services
	Numbr 4 F 1 Ellis R	Hill-Donnelly Information Services
	Numbr 4 E h Gallagher Bessie	Hill-Donnelly Information Services
	Gheorghlta Sandica	Hill-Donnelly Information Services
	Guallpa Segundo	Hill-Donnelly Information Services
	Numbr 11 h Herrera Cedlia	Hill-Donnelly Information Services
	Numbr 3 J Hosie Raymond	Hill-Donnelly Information Services
	Numbr 38 Kim John	Hill-Donnelly Information Services
	Numbr 4D h Levy Murray	Hill-Donnelly Information Services
	Numbr 2 G h MNizquiri Ramon	Hill-Donnelly Information Services
	Numbr 4 J Morales Hermllo v	Hill-Donnelly Information Services
	Pastuzaca Juana	Hill-Donnelly Information Services
	Numbr 20 Perez George	Hill-Donnelly Information Services
	Numbr 33 Sollenberger Michael A v7	Hill-Donnelly Information Services
	Numbr 2 E Tellez A Ida M	Hill-Donnelly Information Services
	Zhumi Wilson	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2000	Apartments Jose Asitimbay	Cole Information Services
	Luis Asitimbay	Cole Information Services
	Blanca L Bautist	Cole Information Services
	Vanessa Bekk	Cole Information Services
	Aurora Callant	Cole Information Services
1991	Almodovar M	NYNEX Information Resource Company
	Castro Sivo	NYNEX Information Resource Company
	Diaz Iris	NYNEX Information Resource Company
	Diaz T	NYNEX Information Resource Company
	Dubovetz Adolph	NYNEX Information Resource Company
	Ellis R	NYNEX Information Resource Company
	Epure Gheorghe	NYNEX Information Resource Company
	Gallagher Bessie	NYNEX Information Resource Company
	Herrera M	NYNEX Information Resource Company
	Hosie Raymond	NYNEX Information Resource Company
	Kamen David M	NYNEX Information Resource Company
	Kenny Thos	NYNEX Information Resource Company
	Lee D	NYNEX Information Resource Company
	Levy Murray	NYNEX Information Resource Company
	Perez George	NYNEX Information Resource Company
	Perez George	NYNEX Information Resource Company
	Roman Washington	NYNEX Information Resource Company
	Taub Howard	NYNEX Information Resource Company
	Cacahimbo Graciela	NYNEX Information Resource Company
	Coello Patricia	NYNEX Information Resource Company
	Rossby Richard	NYNEX Information Resource Company
1983	Cacahimbo Graciela	New York Telephone
	Castro Leonardo	New York Telephone
	Castro Silvio	New York Telephone
	Constantine K	New York Telephone
	Dubovetz Norman	New York Telephone
	Gallagher Bessie	New York Telephone
	Herrera B	New York Telephone
	Hosie Raymond	New York Telephone
	Kenny Thos	New York Telephone
	Levy Murray	New York Telephone
	Logan P V	New York Telephone
	Mendez Tom	New York Telephone

FINDINGS

Year	Uses	Source
1983	Perez George	New York Telephone
	Rojas Angel	New York Telephone
	Rosario Fernando	New York Telephone
	Scharff Carrie Mrs	New York Telephone
	Schmidt B J	New York Telephone
	Small Jas	New York Telephone
	Torres Willy	New York Telephone
	Walstein Van Allen	New York Telephone
1976	Camareno Agustine	New York Telephone
	Cugliandro Ernesto	New York Telephone
	Dubovetz Norman	New York Telephone
	Ellis J	New York Telephone
	Gallagher Bessle	New York Telephone
	Geagan John	New York Telephone
	Herrera Blanca	New York Telephone
	Kenny John H	New York Telephone
	Kenny Thos	New York Telephone
	Levine Robert	New York Telephone
	Levy Murray	New York Telephone
1970	Bisignani Molly R	New York Telephone
	Cerra C	New York Telephone
	Cugliandro Ernesto	New York Telephone
	Ellis J	New York Telephone
	Gallagher Bessie	New York Telephone
	Gambale Joseph	New York Telephone
	Geagan John	New York Telephone
	Harris C	New York Telephone
	Hosie Raymond	New York Telephone
	Kenny John H	New York Telephone
	Kenny Thos	New York Telephone
	Levy Murray	New York Telephone
	Lozada Luis	New York Telephone
	Palacios Enrique	New York Telephone
	Pedi G C	New York Telephone
	Pelletier P J	New York Telephone
	Platte Jerry	New York Telephone
	Rojas Saturnino	New York Telephone
	Scharff Carrie Mrs	New York Telephone

FINDINGS

Year	Uses	Source
1970	Sheppard Wm C Jr	New York Telephone
	Small Jas	New York Telephone
	Wellstood Jas C	New York Telephone
	Wilson Max	New York Telephone
1967	Asaro Anthony Mrs	New York Telephone
	Baldi Frank	New York Telephone
	Bisignani Molly R	New York Telephone
	Bissainthe Serge	New York Telephone
	Cugliandro Ernesto	New York Telephone
	Ellis Robt Mrs	New York Telephone
	Finn Alexndr J	New York Telephone
	Gallagher Bessie	New York Telephone
	Geagan John	New York Telephone
	Goldner H	New York Telephone
	Hosie Raymond	New York Telephone
	Kenny John H	New York Telephone
	Kenny Thos	New York Telephone
	Kohler John M	New York Telephone
	Levy Murray	New York Telephone
	Pastuszek Andrew I	New York Telephone
	Pelletier P J	New York Telephone
	Ruffino Anthony	New York Telephone
	Scharff Carrie Mrs	New York Telephone
	Schiedat Ernest S	New York Telephone
	Sheppard Wm C Jr	New York Telephone
	Small Jas	New York Telephone
	Stepanek Eva Aglaja	New York Telephone
	Stepanek Francis L	New York Telephone
	Waryold Frank P	New York Telephone
	Wellstood Jas C	New York Telephone
	Wilson Max	New York Telephone
1962	Ambrosini Frank G	New York Telephone Directory
	Baldi Frank	New York Telephone Directory
	Bisignani Molly R	New York Telephone Directory
	Cohletti Geo	New York Telephone Directory
	DiSerio John	New York Telephone Directory
	Ferrini Julius	New York Telephone Directory
	Galassi Chas P	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Gallagher Bessie	New York Telephone Directory
	Geagan John	New York Telephone Directory
	Goldner Alex	New York Telephone Directory
	Hosie Raymond	New York Telephone Directory
	Kenny John H	New York Telephone Directory
	Kenny Thos	New York Telephone Directory
	McInerney Wm Jr	New York Telephone Directory
	Morgan Margaret M	New York Telephone Directory
	Newport Catherine Mrs	New York Telephone Directory
	Pedi Gertrude X	New York Telephone Directory
	Pelletier P J	New York Telephone Directory
	Platte Jerry	New York Telephone Directory
	Poletski Frank	New York Telephone Directory
	Scharff Carrie Mrs	New York Telephone Directory
	Sharkey Jas	New York Telephone Directory
	Sheppard Eddie	New York Telephone Directory
	Sheppard Wm C Jr	New York Telephone Directory
	Small Jas	New York Telephone Directory
	Stepanek Eva Aglaja	New York Telephone Directory
	Stepanek Francis L	New York Telephone Directory
	Visser Adrianus	New York Telephone Directory
	Waryold Frank P	New York Telephone Directory
	Wilson Max	New York Telephone Directory
1945	Acme Exterminating Co	New York Telephone
	Burnor Harry A	New York Telephone
	Ferrini Julius	New York Telephone
	Fioretti Carrie	New York Telephone
	Branch	New York Telephone
	Geagan John	New York Telephone
	Goldner Alex	New York Telephone
	McDonough Sarah C RN	New York Telephone
	Nestler Geo linolm	New York Telephone
	Piekema Susan	New York Telephone
	Sanders Max	New York Telephone
	Scharff Carrie Mrs	New York Telephone
	Stack Bertha Mrs	New York Telephone
	Branch	New York Telephone
	LIC office	New York Telephone

FINDINGS

Year	Uses	Source
1939	Curran John	New York Telephone Company
	Geagan John	New York Telephone Company
	Goldner Alex	New York Telephone Company
	Heidrich Carl	New York Telephone Company
	Stack Bertha Mrs	New York Telephone Company
1934	Barchak	R. L. Polk & Co.
	Losquardo Jennie drs opr	R. L. Polk & Co.
	Benedikt Simon Mary E carn	R. L. Polk & Co.
	Borngesser Balthasar Cath	R. L. Polk & Co.
	Braschi Resta Dora indrywkr	R. L. Polk & Co.
	Brosi Frank Marie garage	R. L. Polk & Co.
	Burnes Dolores tel opr	R. L. Polk & Co.
	Burnes Edw Margt hlpr	R. L. Polk & Co.
	Counumber Romeo mech	R. L. Polk & Co.
	Donovan Cath	R. L. Polk & Co.
	Ferino Martin Ethlel traffic mgr	R. L. Polk & Co.
	Geoghan John chauf	R. L. Polk & Co.
	Goldner Arth Mge sta eng	R. L. Polk & Co.
	Goldner Geo typist	R. L. Polk & Co.
	Kiefer Cath Mrs nurse	R. L. Polk & Co.
	Kotronis Benj Sarah restr Mhn	R. L. Polk & Co.
	Leone Philip Mary ice dlr	R. L. Polk & Co.
	Levy Miriam	R. L. Polk & Co.
	Losquardo Chas ice	R. L. Polk & Co.
	Losquardo Frances wid Jos	R. L. Polk & Co.
	Losquardo Jos clk	R. L. Polk & Co.
	Losquardo Margt slswn Mhn	R. L. Polk & Co.
	Losquardo Mary dress opr	R. L. Polk & Co.
	Lynskey Agnes wid Thos	R. L. Polk & Co.
	Mc Keough Jos Agnes chauf	R. L. Polk & Co.
	Olsen Marie tchr Queens Conta Sch	R. L. Polk & Co.
	Rannie Joy Mrs	R. L. Polk & Co.
	Rock Jas Rose pntr	R. L. Polk & Co.
	Shooter Cicely clk	R. L. Polk & Co.
	Shooter Geo Anna bldg supt	R. L. Polk & Co.
	Smillie Wm Esther rec clk	R. L. Polk & Co.
	Stack Thos Bertha chauf	R. L. Polk & Co.
	Ward Edw Helen clk	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Wiant Henry M heating	R. L. Polk & Co.
	Windhorst Anna nurse	R. L. Polk & Co.

1125 46TH AVE

Year	Uses	Source
1934	Lisanti Thos J Theresa firemn Dept WSG & E	R. L. Polk & Co.

1133 46TH AVE

Year	Uses	Source
1976	Receiving Dept	New York Telephone
1970	Receiving Dept	New York Telephone
1967	Receiving Dept	New York Telephone

1140 46TH AVE

Year	Uses	Source
2000	21ST ST INTS FROM	Cole Information Services
1934	Frisbie Edw W Irene pres Bowron Transfer Co Inc	R. L. Polk & Co.

1149 46TH AVE

Year	Uses	Source
1983	Queensboro Drawing Board Inc	New York Telephone

1220 46TH AVE

Year	Uses	Source
1939	Winkworth K M	New York Telephone Company

1314 46TH AVE

Year	Uses	Source
1991	Callas Peter	NYNEX Information Resource Company

1324 46TH AVE

Year	Uses	Source
1991	Tejada Idalia	NYNEX Information Resource Company

1424 46TH AVE

Year	Uses	Source
1967	Platte Jerry	New York Telephone

FINDINGS

1716 46TH AVE

Year	Uses	Source
2005	Marra J	Hill-Donnelly Information Services

1882 46TH AVE

Year	Uses	Source
1991	Troy J Auto	NYNEX Information Resource Company

20-04 46TH AVE

Year	Uses	Source
1950	BLASS EDW	New York Telephone

20-06 46TH AVE

Year	Uses	Source
1950	HANKE HERMAN	New York Telephone

20-08 46TH AVE

Year	Uses	Source
1950	PARODY AUBREY J JR	New York Telephone

20-10 46TH AVE

Year	Uses	Source
1950	GOLIASH JOS A	New York Telephone

20-12 46TH AVE

Year	Uses	Source
1950	ROSEBERRY ROBT C LT	New York Telephone

20-14 46TH AVE

Year	Uses	Source
1950	DUNTON JOHN T	New York Telephone

20-18 46TH AVE

Year	Uses	Source
1950	POVERELLI SAM	New York Telephone

20-20 46TH AVE

Year	Uses	Source
1950	OLM GEO	New York Telephone

20-22 46TH AVE

Year	Uses	Source
1950	REVMAN J	New York Telephone

FINDINGS

20-24 46TH AVE

Year	Uses	Source
1950	SMITH HARRY J	New York Telephone

20-25 46TH AVE

Year	Uses	Source
1950	JACOBSEN FRANK	New York Telephone

20-26 46TH AVE

Year	Uses	Source
1950	MULCAHY DAVID	New York Telephone

20-27 46TH AVE

Year	Uses	Source
1950	RUH CHAS F	New York Telephone

20-33 46TH AVE

Year	Uses	Source
1950	DI CICCO DOMINICK	New York Telephone

20-35 46TH AVE

Year	Uses	Source
1950	ROCHA ANTONIO	New York Telephone

20-37 46TH AVE

Year	Uses	Source
1950	WOLD JOHN F	New York Telephone

20-41 46TH AVE

Year	Uses	Source
1950	GOLINI UMBERTO	New York Telephone
	DADDARIO JOHN	New York Telephone

20-43 46TH AVE

Year	Uses	Source
1950	PARRIS GEO	New York Telephone

20-45 46TH AVE

Year	Uses	Source
1950	CAVALLO BURTON J	New York Telephone

FINDINGS

20-47 46TH AVE

Year	Uses	Source
1950	MANCHISI PETER M	New York Telephone

20-48 46TH AVE

Year	Uses	Source
1950	SMITH BERNARD MRS	New York Telephone

20-49 46TH AVE

Year	Uses	Source
1950	LA ROSA CHAS	New York Telephone

20-51 46TH AVE

Year	Uses	Source
1950	URICCHIO ANTHONY	New York Telephone

20-52 46TH AVE

Year	Uses	Source
1950	GOLDER CLARENCE S	New York Telephone
	ZAVOLL GINO	New York Telephone

20-53 46TH AVE

Year	Uses	Source
1950	HOLDEN LEON	New York Telephone

20-54 46TH AVE

Year	Uses	Source
1950	WALSH ANN M	New York Telephone
	STEMPEL ROBT L	New York Telephone

20-55 46TH AVE

Year	Uses	Source
1950	H	New York Telephone

20-56 46TH AVE

Year	Uses	Source
1950	BARBERE BENJ	New York Telephone

20-57 46TH AVE

Year	Uses	Source
1950	OKEEFE EDW A	New York Telephone

FINDINGS

2038 46TH AVE

Year	Uses	Source
1991	Zammit Joseph	NYNEX Information Resource Company

2040 46TH AVE

Year	Uses	Source
1945	Hefgold Realty Corpn off	New York Telephone

46TH RD

1037 46TH RD

Year	Uses	Source
2013	EMPIRE CITY IRON WKS	Cole Information Services
2008	EMPIRE CITY IRON WORKS	Cole Information Services
	BUILDING SPECIALTIES CORP	Cole Information Services
2005	Empire Iron City Works	Hill-Donnelly Information Services
	Heff Ser OS A	Hill-Donnelly Information Services
2000	Heffner Ri Est	Cole Information Services
	Empire Cty Irn Wks	Cole Information Services
1991	Hefgold Realty Co ofc	NYNEX Information Resource Company
	Heffner S O rl est	NYNEX Information Resource Company
1983	Hefgold Realty Co ofc	New York Telephone
	Heffner S O rlest	New York Telephone
1976	Empire City Iron Wks	New York Telephone
	Heffner S O rl est	New York Telephone
	Heffgold Realty Co ofc	New York Telephone
1970	Empire City Iron Wks	New York Telephone
	Heffner S O rl est	New York Telephone
	Hefgold Realty Co off	New York Telephone
1967	Empire City Iron Wks	New York Telephone
	Hefgold Realty Co ofc	New York Telephone
	Heffner S O rl est	New York Telephone
1962	Empire City Iron Wks	New York Telephone Directory
	Heffner S O rl est	New York Telephone Directory
	Hefgold Realty Corp ofc	New York Telephone Directory
1945	Smith Jos	New York Telephone
1939	Smith Jos	New York Telephone Company
1934	Lang Helen wid Wm	R. L. Polk & Co.

FINDINGS

1038 46TH RD

Year	Uses	Source
2013	24 TOWING & FLAT FIX 7 DAYS	Cole Information Services
	UNESCO NATIONAL SERVICES LLC	Cole Information Services
2005	Zucker Water Svc Corp 1 o	Hill-Donnelly Information Services
	Recepta Sign	Hill-Donnelly Information Services
	National Environmental Safety	Hill-Donnelly Information Services
	City Media Concepts Inc	Hill-Donnelly Information Services
2000	Ctywd Environ Svcs	Cole Information Services
	DJM Contrng Inc	Cole Information Services
1991	Zucker Water Service Corp	NYNEX Information Resource Company
1983	Zucker Water Service Corp	New York Telephone
1970	ZUCKER WATER SVCE CORP	New York Telephone
1967	Zucker Water Svce Corp	New York Telephone

1039 46TH RD

Year	Uses	Source
1945	Streilein Gertrude	New York Telephone
1934	Streilein Geo Kath lab	R. L. Polk & Co.
	Streilein Mary forwn	R. L. Polk & Co.
	Zimmer Walter R crane opr	R. L. Polk & Co.
	Coln Emidio Fannie lab	R. L. Polk & Co.
	Streilein Elsie wrapper	R. L. Polk & Co.

1040 46TH RD

Year	Uses	Source
1967	Towell Mary E Mrs	New York Telephone
1934	Mc Groary Connell Lillan porter	R. L. Polk & Co.
	King Chas Anna slsmn	R. L. Polk & Co.

1041 46TH RD

Year	Uses	Source
1945	Amato Frank	New York Telephone
1934	Bedford Gecil prsmn	R. L. Polk & Co.
	Acampora Angelo A Phys	R. L. Polk & Co.
	Curre Allan A police	R. L. Polk & Co.
	Killian Frank mech	R. L. Polk & Co.
	Bedford Harold Alice ship clk	R. L. Polk & Co.
	Capozzi Jos A Mildred phys	R. L. Polk & Co.

FINDINGS

1042 46TH RD

Year	Uses	Source
1967	Jerome T	New York Telephone
1962	Jerome T	New York Telephone Directory
1934	Jerome Anthony Theresa lab	R. L. Polk & Co.
	Maurd Esther clk	R. L. Polk & Co.
	Tucciarone John Elizabeth slsmn	R. L. Polk & Co.

1043 46TH RD

Year	Uses	Source
1945	Foley Harold	New York Telephone
1939	Spera Rocco	New York Telephone Company
1934	Fiazio Alf Sarah gro	R. L. Polk & Co.
	Morano Frank Florence tailor	R. L. Polk & Co.
	Spero Rocco Nellie carp	R. L. Polk & Co.

1044 46TH RD

Year	Uses	Source
2005	Rohrer Meilin	Hill-Donnelly Information Services
	HShah M U o	Hill-Donnelly Information Services
2000	Abubaker Ahmed	Cole Information Services
	Neil Deodhar	Cole Information Services
	Prema Deodhar	Cole Information Services
	Randall Haworth	Cole Information Services
	Suresh Panjabi	Cole Information Services
	P Yog	Cole Information Services
1991	Galassi Chas P	NYNEX Information Resource Company
1983	Duffy Jas	New York Telephone
	Galassi Chas P	New York Telephone
1976	Duffy Jas	New York Telephone
	Galassi Chas P	New York Telephone
1970	Duffy Jas	New York Telephone
	Galassi Chas P	New York Telephone
1967	Duffy Jas	New York Telephone
	Galassi Chas P	New York Telephone
1962	Soriano Vincent A	New York Telephone Directory
1945	Soriano R	New York Telephone
1939	Soriano R	New York Telephone Company
1934	Soriano Carmelia wid Jas	R. L. Polk & Co.
	Soriano Frank lab	R. L. Polk & Co.

Year	Uses	Source
1934	Soriano Rocco Jennie refr eng	R. L. Polk & Co.

1045 46TH RD

Year	Uses	Source
1939	Foley Harold	New York Telephone Company
1934	Kirsch Louise	R. L. Polk & Co.
	Foley Horold J Eleanor acct Comnr of Accts	R. L. Polk & Co.

1046 46TH RD

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
1945	Howley A A	New York Telephone
1939	Howley A A	New York Telephone Company
1934	Howley Anne A fctywkr	R. L. Polk & Co.
	Howley Thos hlpr	R. L. Polk & Co.
	Howley Susan wid Martin	R. L. Polk & Co.
	Howley Mary fctywkr	R. L. Polk & Co.

1047 46TH RD

Year	Uses	Source
1934	Buchanan Wm H	R. L. Polk & Co.
	Buchanan Walter J clk dept taxes	R. L. Polk & Co.
	Buchanan Lotta	R. L. Polk & Co.
	Buchanan Francis J student	R. L. Polk & Co.
	Buchanan Emma	R. L. Polk & Co.

1048 46TH RD

Year	Uses	Source
2008	HAMILTON DESIGN SERVICES	Cole Information Services
2005	h Hamilton Thomas	Hill-Donnelly Information Services
2000	Thomas Hamilton	Cole Information Services
1991	Farrell T	NYNEX Information Resource Company
1970	Towers Jas F	New York Telephone
1967	Towers Jas F	New York Telephone
1962	Delaney Sarah	New York Telephone Directory
1939	Delaney Sarah	New York Telephone Company
1934	Crawford John handymn Mhn	R. L. Polk & Co.
	Evans Jas news dlr	R. L. Polk & Co.
	Flanagan John	R. L. Polk & Co.

Year	Uses	Source
1934	Mc Guril Mary Mrs	R. L. Polk & Co.
	Mc Gurl Jas Cath clk	R. L. Polk & Co.

1049 46TH RD

Year	Uses	Source
1945	Luisi J	New York Telephone
1939	Luisi J	New York Telephone Company
1934	Caruso Michl Mary electn	R. L. Polk & Co.
	Dwyer Timothy Margt mtrmn	R. L. Polk & Co.
	Luisi John Mary lab	R. L. Polk & Co.

1050 46TH RD

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	James M Morris	Cole Information Services
1983	Pepe Frank	New York Telephone
1970	Pepe Frank	New York Telephone
1967	Pepe Frank	New York Telephone
1962	Pepe Frank	New York Telephone Directory
1945	Pepe Frank	New York Telephone
1939	Pepe Frank	New York Telephone Company
1934	Pepe Angelo clk Mhn	R. L. Polk & Co.
	Pepe Frank Carmela formn	R. L. Polk & Co.

1051 46TH RD

Year	Uses	Source
1945	Mason Mary	New York Telephone
1939	Mason Mary	New York Telephone Company
1934	Mason Francis lab	R. L. Polk & Co.
	Mason Helen clk	R. L. Polk & Co.
	Mason Howard electn	R. L. Polk & Co.
	Mason Michl F Mary formn	R. L. Polk & Co.

1052 46TH RD

Year	Uses	Source
2005	Major Model Management	Hill-Donnelly Information Services
2000	Pallitto	Cole Information Services
1991	Katz R	NYNEX Information Resource Company
1983	Katz R	New York Telephone
	Stevens A	New York Telephone

Year	Uses	Source
1934	Martinez Frank Mary chauf	R. L. Polk & Co.
	Norton Keth Mrs	R. L. Polk & Co.

1054 46TH RD

Year	Uses	Source
2005	No Current Listing	Hill-Donnelly Information Services
2000	11TH ST INTS FROM	Cole Information Services
1962	Luparallo Santo	New York Telephone Directory
	Caruso Michl A	New York Telephone Directory
1945	Agoglia Felice	New York Telephone
1939	Agoglia Felice	New York Telephone Company
1934	Lotito Pasquale Fannie chauf	R. L. Polk & Co.
	Agoglia Philip Mary inspr	R. L. Polk & Co.
	Agoglia Rose mach opr	R. L. Polk & Co.

1056 46TH RD

Year	Uses	Source
1991	Rentokil Inc	NYNEX Information Resource Company
1934	Ellue Vincent Kath chauf	R. L. Polk & Co.
	Nardella Phillip Louise lab	R. L. Polk & Co.

1084 46TH RD

Year	Uses	Source
1934	Delaney Sarah hsekpr	R. L. Polk & Co.
	De Laney Sarah hsekpr	R. L. Polk & Co.

1103 46TH RD

Year	Uses	Source
2005	Krohn David	Hill-Donnelly Information Services
1991	Advanced Telephonics Inc	NYNEX Information Resource Company
	LI Pencil Co	NYNEX Information Resource Company
	Vendcom Inc	NYNEX Information Resource Company
1983	Terrys Delivry Svc	New York Telephone
	A 1 Asphalt Corp	New York Telephone
	Consumer Home Improvements Co	New York Telephone
	G & K Svce Co	New York Telephone
	Internatl Shoe Mach Corp	New York Telephone
	International Shoppes JFK Intratnl Airpt @Jamaica@	New York Telephone
	Internatl Shoppes Inc J F K Introat Airpt ABBREV Idlwld	New York Telephone

FINDINGS

Year	Uses	Source
1983	International Shoppes Inc JFK Intrntnl Airpt @Jamaica@	New York Telephone
	LI City Answrng Svce	New York Telephone
	Loma Duplicating Supl Co	New York Telephone
	LI City Answrng Svce	New York Telephone
	LI Pencil Co	New York Telephone
	Playmates Orchestras	New York Telephone
	S & E Waste Oil Inc	New York Telephone
	Satellite Air Freight Inc	New York Telephone
	Tri County Maintenance	New York Telephone
	Universal Maintenance Svce	New York Telephone
	Varus Constr Corp	New York Telephone
	A Plus Answering Svce	New York Telephone
	A Plus Answering Svce	New York Telephone
	Artistic Royalties Inc	New York Telephone
	Astoria Ans Svc	New York Telephone
	Astoria Answering Svce	New York Telephone
	Blomberg Martin b	New York Telephone
	Cleveland Air Forwarding Inc	New York Telephone
	Colonial Carting Corp	New York Telephone
	Compo Industries Inc	New York Telephone
1976	A Plus Answering Svce	New York Telephone
	Air Conditioning Erection Corp	New York Telephone
	Astoria Answering Svce	New York Telephone
	Bunas A R b	New York Telephone
	Colonial Carting Corp	New York Telephone
	Compo Industries Inc	New York Telephone
	Cosmopolitan Detective Bur	New York Telephone
	Court Maintenance	New York Telephone
	Crandall Can Filler Mach Co	New York Telephone
	Dempsey Equip Co Inc	New York Telephone
	Inter County Svce Inc	New York Telephone
	J & S Hydraulics Inc	New York Telephone
	JOHN KS REFRIGERATION SVCE	New York Telephone
	LI City Answrng Svce	New York Telephone
	LI City Answrng Svce	New York Telephone
	LI Pencil Co	New York Telephone
1970	Ace Tel Svce	New York Telephone
	Acme Wrecking Corp yd	New York Telephone

FINDINGS

Year	Uses	Source
1970	Andover Protective Svces Inc	New York Telephone
	CCTW Corp	New York Telephone
	Compo Industries Inc	New York Telephone
	Inter County Svce Inc	New York Telephone
	INTER OUNTY TITLE GUAR & MORTGAGE CO	New York Telephone
	J & S Hydraulics Inc	New York Telephone
	LI City Answrng Svce	New York Telephone
	Lectroetch Co	New York Telephone
	LI City Answing Svce	New York Telephone
	Queens Telephone Secretary Inc	New York Telephone
	QUEENS TELEPHONE SECRETARY INC	New York Telephone
	Branch Offices	New York Telephone
	Branch Offices	New York Telephone
	Wenger & Petrucci Inc photgr	New York Telephone
1967	Ace Tel Svce	New York Telephone
	Adams A M Realty & Ins	New York Telephone
	Cord Photocopy Specialists Inc	New York Telephone
	LI City Answrng Svce	New York Telephone
	Lectroetch Co	New York Telephone
	LI City Answrng Svce	New York Telephone
	Shop at Home Food Plan	New York Telephone
	Telautogiaph Corp sales & svce	New York Telephone
	Unity Elec Contrctg Co	New York Telephone
	World Wide Extrmintg Corp	New York Telephone
1962	Ace Tel Svce	New York Telephone Directory
	Acme Extrmintg Co	New York Telephone Directory
	Fumex Sanitation Inc	New York Telephone Directory
	Branch	New York Telephone Directory
	Harrison Al retl lumbr	New York Telephone Directory
	LI City Answrng Svce	New York Telephone Directory
	Lectroetch Salec & Svce	New York Telephone Directory
	LI City Answrng Svce	New York Telephone Directory
	Marion Cigarette Vending Svce	New York Telephone Directory
	Branch Offices	New York Telephone Directory
	QUEENS TEL SECRETARY	New York Telephone Directory
	QUEENS TEL SECRETARY	New York Telephone Directory
	Branch Offices	New York Telephone Directory
	WorldWide Extrmintg Corp	New York Telephone Directory

FINDINGS

1115 46TH RD

Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Information Services
	h Alisoun Meehan	Hill-Donnelly Information Services
	Begani Dzafer 4 P	Hill-Donnelly Information Services
	h Cantanno Lena	Hill-Donnelly Information Services
	Numbr 4 A h Davis Glen C	Hill-Donnelly Information Services
	Numbr 2 H h Evangelista Amor	Hill-Donnelly Information Services
	Numbr 18 Foret Tanya & Eric	Hill-Donnelly Information Services
	Numbr 3 A Franceus Cynthia	Hill-Donnelly Information Services
	Numbr 2 C Greenberg Elizabeth	Hill-Donnelly Information Services
	Numbr 2 E h Hossain Mohammed Ao	Hill-Donnelly Information Services
	Numbr 2 G Kat Nami	Hill-Donnelly Information Services
	Numbr 4 J Kowles Robert C	Hill-Donnelly Information Services
	Numbr 2 A La Penna Louise Av	Hill-Donnelly Information Services
	Numbr 41 Maloney Marian A	Hill-Donnelly Information Services
	Numbr 3 E Marchik Ekaterina	Hill-Donnelly Information Services
	Numbr 4 G Sagan Stephanie Mrs AV	Hill-Donnelly Information Services
	Numbr 4 F h Sullivan Philip T A 7 718 786 5170 s	Hill-Donnelly Information Services
	Numbr 1 A Tanalsid Adam Av	Hill-Donnelly Information Services
	Tanalsid Joseph C	Hill-Donnelly Information Services
	Teperino Denise A	Hill-Donnelly Information Services
	Numbr 21 Ting Luz R A	Hill-Donnelly Information Services
	Numbr 13 Vaccaro Goria	Hill-Donnelly Information Services
	Zabojova D v	Hill-Donnelly Information Services
2000	Apartments Michele Brenen	Cole Information Services
	James Byrne	Cole Information Services
	Lena Cantanno	Cole Information Services
	Luis Carchi	Cole Information Services
	Lisa Coleman	Cole Information Services
	A Glen Davis	Cole Information Services
	Melissa Dempsey	Cole Information Services
	Evangeline Genet	Cole Information Services
	Cort Huckabone	Cole Information Services
1991	Sullivan R R	NYNEX Information Resource Company
	Mc Guggart Eugene	NYNEX Information Resource Company
	Sullivan Philip T	NYNEX Information Resource Company
	Berke Allen	NYNEX Information Resource Company
	Caggiano Lawrence	NYNEX Information Resource Company

FINDINGS

Year	Uses	Source
1991	Cantanno Jos	NYNEX Information Resource Company
	Dillon Robert	NYNEX Information Resource Company
	Drew Kim	NYNEX Information Resource Company
	Hankinson Jeffrey B	NYNEX Information Resource Company
	Just Joe	NYNEX Information Resource Company
	La Penna Robt W	NYNEX Information Resource Company
	Mac Namara Art	NYNEX Information Resource Company
	Murphy M	NYNEX Information Resource Company
	Plaut Kimson	NYNEX Information Resource Company
	Reid Joseph	NYNEX Information Resource Company
	Sagan Stephanie Mrs	NYNEX Information Resource Company
	Tanalski Adam	NYNEX Information Resource Company
	Tanalski Jos	NYNEX Information Resource Company
	Ting L	NYNEX Information Resource Company
	Tully Jas M	NYNEX Information Resource Company
	Wangerman B	NYNEX Information Resource Company
1983	Caggiano Lawrence	New York Telephone
	Cantanno Jos	New York Telephone
	Dailey Jas J	New York Telephone
	Denik L A	New York Telephone
	Grullon Miguel A	New York Telephone
	Herrick Kim	New York Telephone
	Kulak Gary	New York Telephone
	La Penna Robt W	New York Telephone
	Lotito Patsy	New York Telephone
	Mcinerney Wm Jr	New York Telephone
	Petrilla Florence	New York Telephone
	Reid Joseph	New York Telephone
	Sagan Stephanie Mrs	New York Telephone
	Sobanski John H	New York Telephone
	Tanalski Jos	New York Telephone
	Tully Jas M	New York Telephone
	Wangerman John	New York Telephone
1976	Daly John	New York Telephone
	Denk L A	New York Telephone
	Hurtado Jesus	New York Telephone
	La Penna Robt W	New York Telephone
	Alonso Benigno	New York Telephone

FINDINGS

Year	Uses	Source
1976	Caggiano Lawrence	New York Telephone
	Cantanno Jos	New York Telephone
	Conway Richd J	New York Telephone
	Dailey Jas J	New York Telephone
1970	Beech E	New York Telephone
	Caggiano Lawrence	New York Telephone
	Cantanno Jos	New York Telephone
	Conway Richd J	New York Telephone
	Dailey Jas J	New York Telephone
	Daly John	New York Telephone
	Denk L A	New York Telephone
	Gallegos Oswaldo	New York Telephone
	Grande Vincent	New York Telephone
	Hajek Wm	New York Telephone
	Jaime Maria L	New York Telephone
	LaPenna Robt W	New York Telephone
	Lotito Patsy	New York Telephone
	McInerney Wm Jr	New York Telephone
	Sagan Stephanie Mrs	New York Telephone
	Sanabria Johna R	New York Telephone
	Schlein Isidore	New York Telephone
	Sobanski John H	New York Telephone
	Sullivan Philip T	New York Telephone
	Tanalski Jos	New York Telephone
	Tully Jas M	New York Telephone
	Velasco Arselmo	New York Telephone
	Walsh Robt	New York Telephone
	Wangerman John	New York Telephone
	Ward Mary Mrs	New York Telephone
	Weinmann Jos	New York Telephone
	Woodall John E	New York Telephone
	McGuggart Eugene	New York Telephone
1967	McGuggart Eugene	New York Telephone
	Beech Robt	New York Telephone
	Caggiano Lawrence	New York Telephone
	Cantanno Jos	New York Telephone
	Conway Richd J	New York Telephone
	Dailey Jas J	New York Telephone

FINDINGS

Year	Uses	Source
1967	Daly John	New York Telephone
	Denk L A	New York Telephone
	Echart Jose R	New York Telephone
	Giakoumis Stylianos	New York Telephone
	Grande Vincent	New York Telephone
	Hajek Wm	New York Telephone
	LaPenna Robt W	New York Telephone
	Lotito Patsy	New York Telephone
	McInerney Win Jr	New York Telephone
	Pantalon Mike	New York Telephone
	Sobanski John H	New York Telephone
	Sullivan Philin T	New York Telephone
	Tanalski Jos	New York Telephone
	Tully Jas M	New York Telephone
	Wald Carl	New York Telephone
	Wangerman John	New York Telephone
	Ward Mary Mrs	New York Telephone
	Weinmann Jos	New York Telephone
	West Eugene V	New York Telephone
	Wittman Wm J	New York Telephone
	Woodall John E	New York Telephone
1962	McGuggart Eugenle	New York Telephone Directory
	Beech Robt	New York Telephone Directory
	Burns Edw	New York Telephone Directory
	Cantanno Jos	New York Telephone Directory
	Conway Richd J	New York Telephone Directory
	Dailey Jas J	New York Telephone Directory
	Daly John	New York Telephone Directory
	DiMantova Robt S	New York Telephone Directory
	Funk Roht	New York Telephone Directory
	Hajek Wm	New York Telephone Directory
	Loss Jos J	New York Telephone Directory
	Lotito Patsy	New York Telephone Directory
	Mason M	New York Telephone Directory
	Morrison May Mrs	New York Telephone Directory
	Sobanski John H	New York Telephone Directory
	Sullivan Philip T	New York Telephone Directory
	Tanalski jos	New York Telephone Directory

FINDINGS

Year	Uses	Source
1962	Tully Jas M	New York Telephone Directory
	Wald Carl	New York Telephone Directory
	Wangerman John	New York Telephone Directory
	Weinmann Jos	New York Telephone Directory
	West Eugene V	New York Telephone Directory
	Wittman Wm J	New York Telephone Directory
	Woodall John E	New York Telephone Directory
1945	Atkinson Margaret C	New York Telephone
	Frieder Louis	New York Telephone
	Lutz Kathryn Mrs	New York Telephone
	Mona Geraldine R Mrs	New York Telephone
1939	Brosi F	New York Telephone Company
	Frieder Louis	New York Telephone Company
	Matera Connie	New York Telephone Company
	Mona Geraldine R Mrs	New York Telephone Company
	Smyth Jos	New York Telephone Company
1934	Daly John J Helen clk	R. L. Polk & Co.
	DAvis Thos W Anna mach	R. L. Polk & Co.
	Ferrini Julius Vincenta blksmith	R. L. Polk & Co.
	Fontana Jos Olga bkpr	R. L. Polk & Co.
	Galemmo John Elvira pntr	R. L. Polk & Co.
	Grace Emma	R. L. Polk & Co.
	Grace Mary wid John	R. L. Polk & Co.
	Grega Andrew Myra chauf	R. L. Polk & Co.
	Hague Sarah	R. L. Polk & Co.
	Beech Robt Eleanor plstr	R. L. Polk & Co.
	Conklin Asa Agnes ins agt	R. L. Polk & Co.
	Conners John slsmn Mhn	R. L. Polk & Co.
	Connor John J jr	R. L. Polk & Co.
	Curran John Sarah mgr Mhn	R. L. Polk & Co.
	Hennessey John elev opr	R. L. Polk & Co.
	Kornreich Chas Ethel lab	R. L. Polk & Co.
	Lamb Geo Alice clk Mhn	R. L. Polk & Co.
	Le Blanc Domana G Emily barber Mhn	R. L. Polk & Co.
	Luhrs Otto Hannah clk	R. L. Polk & Co.
	Murphy John Mary clk	R. L. Polk & Co.
	OConnell Jas J Rose	R. L. Polk & Co.
	OConnell Jas J jr acct	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Ottenstein Benj Rose tailor	R. L. Polk & Co.
	Polhamus Richd Marie blksmith	R. L. Polk & Co.
	Remant Asco Blanche lab	R. L. Polk & Co.
	Roberts Emrys Rene bkpr	R. L. Polk & Co.
	Roberts Jack clk Mhn	R. L. Polk & Co.
	Schmidt Emil Elsie baker	R. L. Polk & Co.
	Smyth Jos	R. L. Polk & Co.
	Walsh Cath wid Jas	R. L. Polk & Co.
	West Wm A Rose ship clk	R. L. Polk & Co.
	White Frank Mary msngr	R. L. Polk & Co.
	Thornton Robt Mary bldg supt	R. L. Polk & Co.

1118 46TH RD

Year	Uses	Source
2013	ARISTA WOOD WORKING CO INC	Cole Information Services
2008	ARISTA WOOD WORKING CO INC	Cole Information Services
2005	Arista Wood Working Co Inc	Hill-Donnelly Information Services
	Papagianis	Hill-Donnelly Information Services
2000	Dimitri Kiousis	Cole Information Services
	D & D Cabinetry	Cole Information Services
	D & D Upholsterers	Cole Information Services
1983	Val Diano Restrnt	New York Telephone
1976	Kannan Luncheonette	New York Telephone
1970	Kannan Luncheonette	New York Telephone
1967	K Raft Corp	New York Telephone
1962	Flaacke Wm grocry	New York Telephone Directory
1945	Flaacke Wm delctsn	New York Telephone
	Nejelski Cecile Mrs	New York Telephone
1939	Hafke Hugo uphlstr	New York Telephone Company
	Flaacke Wm delctsn	New York Telephone Company
1934	J & S Cleaning & Dyeing John and Sander Scheida	R. L. Polk & Co.
	Klein Martin Margt delicatessen	R. L. Polk & Co.
	Klien Martin Margt delicatessen	R. L. Polk & Co.
	Schieda John J & S Clnrs & Dyers	R. L. Polk & Co.
	Schieda Sander Anna J & S Clnrs & Dyers	R. L. Polk & Co.

FINDINGS

1120 46TH RD

Year	Uses	Source
2013	ALEXANDRA INTERNATIONAL	Cole Information Services
	QJC LLC	Cole Information Services
2008	W W JEWELERS INC	Cole Information Services
	ALEXANDER INTERNATIONAL INC	Cole Information Services
2005	W & W Mfg Jew	Hill-Donnelly Information Services
	Qjcllc	Hill-Donnelly Information Services
	Alexandra International	Hill-Donnelly Information Services
2000	Zenith Grphc Supl	Cole Information Services
	Wayne Grphc Prods	Cole Information Services
	Movielab	Cole Information Services
	Alexandra Intrntl	Cole Information Services
1991	Color Graphic Press Inc	NYNEX Information Resource Company
	Wayne Graphic Prods Ltd	NYNEX Information Resource Company
	Zenith Graphic Supl Inc	NYNEX Information Resource Company
1983	Zenith Graphic Supl Inc	New York Telephone
	Jewel Press	New York Telephone
	Gilshire Corp	New York Telephone
	Color Graphic Press Inc	New York Telephone
	Wayne Graphic Prods Ltd	New York Telephone
1976	Alman Prods Corp	New York Telephone
1970	Posterloid Corp	New York Telephone
	Wayne Graphic Prods Ltd	New York Telephone
	Zenith Graphic Supl Inc	New York Telephone
1967	Posterloid Corp	New York Telephone
	Wayne Graphic Prods Ltd	New York Telephone
	Zenith Graphic Supl Inc	New York Telephone
1962	Posterloid Corp	New York Telephone Directory
	Thompson Judson L Mfg Co rivets	New York Telephone Directory
	Thomson Judson L Mfg Co rivets	New York Telephone Directory

1125 46TH RD

Year	Uses	Source
2008	GROOVESTRINGS	Cole Information Services
2005	Multi Unit Address	Hill-Donnelly Information Services
	Albanese Rosella v	Hill-Donnelly Information Services
	Berti Leonardo v	Hill-Donnelly Information Services
	Betancourt A A	Hill-Donnelly Information Services
	Numbr 38 Bondurant Francis AV	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2005	Numbr 4D Formnan K v	Hill-Donnelly Information Services
	Numbr 3 F Gallegos Oswaldo AO	Hill-Donnelly Information Services
	Numbr 4 C h Gross Todd 718 392 6483 o	Hill-Donnelly Information Services
	Numbr 3 E h Hendricks Daniel C	Hill-Donnelly Information Services
	Klriyama Tadahiro v	Hill-Donnelly Information Services
	Laghezza Pasquale Vito Rev	Hill-Donnelly Information Services
	Numbr 1 J Mckinley Daniel	Hill-Donnelly Information Services
	Numbr IG h Medaglia Angela	Hill-Donnelly Information Services
	Numbr 31 h Richardson Gary AO	Hill-Donnelly Information Services
	h Tooker Alexander AO 718 361 6186 a	Hill-Donnelly Information Services
	Toro A vv	Hill-Donnelly Information Services
	Warren Daniel C 718 392 2774 o	Hill-Donnelly Information Services
	Numbr 2 B h Waryold Patrick Av	Hill-Donnelly Information Services
2000	Apartments Sharon Best	Cole Information Services
	H A Betancourt	Cole Information Services
	B Francis Bondurant	Cole Information Services
1991	Weisenberg Bruce	NYNEX Information Resource Company
	Bell R	NYNEX Information Resource Company
	Bley Laurie	NYNEX Information Resource Company
	Blum Julius	NYNEX Information Resource Company
	Castano Ivan D	NYNEX Information Resource Company
	Ceballos Maria	NYNEX Information Resource Company
	Ceballos N	NYNEX Information Resource Company
	Di Masi L	NYNEX Information Resource Company
	Doukas Thomas	NYNEX Information Resource Company
	Emanuel A	NYNEX Information Resource Company
	Gallegos Oswaldo	NYNEX Information Resource Company
	Haislip T	NYNEX Information Resource Company
	Lindquist Michael	NYNEX Information Resource Company
	Mahe Thierry	NYNEX Information Resource Company
	Morrison W E	NYNEX Information Resource Company
	Nuyen D M	NYNEX Information Resource Company
	Ospina Libardo	NYNEX Information Resource Company
	Paino Thomas	NYNEX Information Resource Company
	Smiler John F	NYNEX Information Resource Company
	Tomlinson Sonya K	NYNEX Information Resource Company
	Tooker Alexander	NYNEX Information Resource Company
	Toscano Paula Mrs	NYNEX Information Resource Company

FINDINGS

Year	*Uses*	*Source*
1991	Valenzuela Marina	NYNEX Information Resource Company
	Waryold Patk	NYNEX Information Resource Company
1983	Betancourt A	New York Telephone
	Bondurant Francis	New York Telephone
	Carroll M J	New York Telephone
	Di Masoi L	New York Telephone
	Evangelista Thomas A	New York Telephone
	Foley K	New York Telephone
	Gallegos Oswaldo	New York Telephone
	Gunaydin Hasim	New York Telephone
	Krol Walter F	New York Telephone
	Mencia Paulino	New York Telephone
	Morrison Wiliam E	New York Telephone
	Ospina Libardo	New York Telephone
	Plotch Benjie	New York Telephone
	Russo Rose	New York Telephone
	Sharkey William	New York Telephone
	Smiler John F	New York Telephone
	Tomlinson Sonya K	New York Telephone
	Toscano Paula Mrs	New York Telephone
	Valenzuela Marina	New York Telephone
	Waryold Patk	New York Telephone
1976	Aguirre John	New York Telephone
	Barsoumian Roupen	New York Telephone
	Becerra B	New York Telephone
	Becerra Jose M	New York Telephone
	Betancourt A	New York Telephone
	Bondurant Francis	New York Telephone
	Cardona Aldemar	New York Telephone
	Emanuel A	New York Telephone
	Evangelista Thomas A	New York Telephone
	Gallegos Oswaldo	New York Telephone
1970	Lozito Wm	New York Telephone
	Mahatcek Jos	New York Telephone
	Mason M	New York Telephone
	Panizzi Tommie	New York Telephone
	Pecoreno L	New York Telephone
	Persson Ethel	New York Telephone

FINDINGS

Year	Uses	Source
1970	Pines Frieda Mrs	New York Telephone
	Pound Wm	New York Telephone
	Sargeant G	New York Telephone
	Schroder Wm H	New York Telephone
	Smiler John F	New York Telephone
	Waryold Patk	New York Telephone
	Weiland Jos	New York Telephone
	Aguirre John	New York Telephone
	Asaro Anthony Mrs	New York Telephone
	Becerra B	New York Telephone
	Cappa Angelo C	New York Telephone
	Cosomano Anthony	New York Telephone
	Emanuel A	New York Telephone
	Evangelista Thomas A	New York Telephone
	Garay Lesbia	New York Telephone
	Garramone Patsy	New York Telephone
	Gioso Michl	New York Telephone
	Grochowski Mary	New York Telephone
	Grogan Brian	New York Telephone
	Krol Walter T	New York Telephone
	Levesque Ethel M	New York Telephone
1967	Becerra B	New York Telephone
	Cappa Angelo C	New York Telephone
	Cosomano Anthony	New York Telephone
	Emanuel A	New York Telephone
	Garramone Patsy	New York Telephone
	Gioso Michl	New York Telephone
	Grochowski Mary	New York Telephone
	Grochowski Timothy J	New York Telephone
	J M E Fuel	New York Telephone
	Krol Walter T	New York Telephone
	Levesque Ethel M	New York Telephone
	Lozito Wm	New York Telephone
	Mahatcek Jos	New York Telephone
	Mason M	New York Telephone
	Panizzi Tommie	New York Telephone
	Pines Frieda Mrs	New York Telephone
	Pound Wm	New York Telephone

FINDINGS

Year	Uses	Source
1967	Sargeant G	New York Telephone
	Schroder Wm H	New York Telephone
	Schultze Herman	New York Telephone
	Smiler John F	New York Telephone
	Toscano Paula Mrs	New York Telephone
	Waryold Patk	New York Telephone
	Weiland Jos	New York Telephone
1962	Blum Julius	New York Telephone Directory
	Burch John J	New York Telephone Directory
	Cannavina Danny	New York Telephone Directory
	Cappa Angelo C	New York Telephone Directory
	Cosomano Anthony	New York Telephone Directory
	Emanuel A	New York Telephone Directory
	Foster Geo L	New York Telephone Directory
	Garramones Pastry Shop	New York Telephone Directory
	Gennaro A E	New York Telephone Directory
	Jesse Geo J	New York Telephone Directory
	Jozwiak Jos R	New York Telephone Directory
	Krol Walter T	New York Telephone Directory
	Lozito Wm	New York Telephone Directory
	Mahatcek Jos	New York Telephone Directory
	McCabe Mary Mrs	New York Telephone Directory
	McCarthy H	New York Telephone Directory
	ODonnell John	New York Telephone Directory
	Panizzi Tommie	New York Telephone Directory
	Persson Eric	New York Telephone Directory
	Pound Wm	New York Telephone Directory
	Schroder Wm H	New York Telephone Directory
	Schultze Helen F	New York Telephone Directory
	Toscano Paula Mrs	New York Telephone Directory
	Versaci Bessie M	New York Telephone Directory
	Waryold Patk	New York Telephone Directory
	Weiland Jos	New York Telephone Directory
	Wittman Wm	New York Telephone Directory
1945	Geller Frank	New York Telephone
	ODonnell John	New York Telephone
	Pines David	New York Telephone
	Plunkett C W	New York Telephone

FINDINGS

Year	Uses	Source
1945	Schmidt Alfred	New York Telephone
	Schultz Helen F	New York Telephone
	Abrams Rose Mrs	New York Telephone
	Biancaniello Louis Jr	New York Telephone
	Burch John J	New York Telephone
	Cohen Jos	New York Telephone
	Foster Geo L	New York Telephone
1939	Burch John J	New York Telephone Company
	Cappa Angelo	New York Telephone Company
	Daley Edw F	New York Telephone Company
	Geller Frank	New York Telephone Company
	Kalb Henry	New York Telephone Company
	Morris Barbara Mrs	New York Telephone Company
	Nadel Hannah Mrs	New York Telephone Company
	Plunkett C W	New York Telephone Company
	Simmons Loretta	New York Telephone Company
1934	Kopacky Mary wid Frank	R. L. Polk & Co.
	Larkins Agnes sten	R. L. Polk & Co.
	Larkins Alice clk	R. L. Polk & Co.
	Mahoney Mary sten	R. L. Polk & Co.
	Mahoney Michl Mary lab	R. L. Polk & Co.
	Mc Kearney Lawrence J Mary police	R. L. Polk & Co.
	Mc Namara Mathew Mary clk	R. L. Polk & Co.
	Morris Alex T Barbara stone ctr	R. L. Polk & Co.
	Natali Jos Mary artist	R. L. Polk & Co.
	OConnor Jas	R. L. Polk & Co.
	OConnor Margt sten	R. L. Polk & Co.
	OConnor Nora wid John	R. L. Polk & Co.
	Ott Howard Theresa brkmn	R. L. Polk & Co.
	Peck Delia Mrs waiter	R. L. Polk & Co.
	Petterson Geo Agtrid firemn	R. L. Polk & Co.
	Smith Thos garage	R. L. Polk & Co.
	Sullivan Frank J Mary real est	R. L. Polk & Co.
	Swersky Abr Dora chef	R. L. Polk & Co.
	Swersky Frank soda dispeser	R. L. Polk & Co.
	Abrahams Emanuel Rose New York Multigraphing Co	R. L. Polk & Co.
	Abrams Emanuel Rose	R. L. Polk & Co.
	Alterman Jacob	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	Bottjer Martin Anna clk	R. L. Polk & Co.
	Caiveo Frank C city firemn	R. L. Polk & Co.
	Cappa Angelo C Pauline frt mgr	R. L. Polk & Co.
	De Canio Michl Concetta pntr tnd decorator	R. L. Polk & Co.
	Geise Harold C Lillian slsmn Sears Roebuck & Co Inc	R. L. Polk & Co.
	Gossow Frank Martha supt	R. L. Polk & Co.
	Harper Mabel E sten Pres Boro Q	R. L. Polk & Co.
	Koch Anna Mrs	R. L. Polk & Co.
	Kopacky Edna sten	R. L. Polk & Co.
	Kopacky Jessie sten	R. L. Polk & Co.

1126 46TH RD

Year	Uses	Source
1970	Globe Book Co Inc	New York Telephone

1130 46TH RD

Year	Uses	Source
2000	& T Inc	Cole Information Services
1970	York Wholesalers Wholesale Branch of York Corp	New York Telephone
	York Wholesalers Wholesale Branch of York Corp	New York Telephone
	York Service Branch of York Corporation	New York Telephone
	York Wholesalers Parts & Supls	New York Telephone
1967	York Wholesalers Parts & Supls	New York Telephone
	York Wholesalers Wholesale Branch of York Corp	New York Telephone
	York Wholesalers Wholesale Branch of York Corp	New York Telephone
	York Service Branch of York Corporation	New York Telephone
1962	YORK CONTRACTORS	New York Telephone Directory

1131 46TH RD

Year	Uses	Source
2013	ZERO CAL BEVERAGES INC	Cole Information Services
	JUST DO IT INCORPORATED	Cole Information Services
2008	CENTEX M F S	Cole Information Services
2005	Sylvin Trading Inc	Hill-Donnelly Information Services
	Prism Communications	Hill-Donnelly Information Services
	Arielle International Inc	Hill-Donnelly Information Services

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Year	Uses	Source
2005	Centex MFS	Hill-Donnelly Information Services
2000	Allgnc Ticm Inc	Cole Information Services
	Prism Cmmnctns	Cole Information Services
1962	Schultz C A b	New York Telephone Directory
1945	Bryson Jas A b	New York Telephone
	Carmody Francis J b	New York Telephone
	Gorton T I b	New York Telephone
	Schlieben W F b	New York Telephone
	Schultz Chas A b	New York Telephone
	Staples Clarence P b	New York Telephone
1939	Ingram W U b	New York Telephone Company
	Schultz Chas A b	New York Telephone Company
	Bartlett Chas D b	New York Telephone Company

1134 46TH RD

Year	Uses	Source
2008	ZYLO WARE CORP	Cole Information Services
1991	Zylo Ware Corp	NYNEX Information Resource Company
1983	Genl Information	New York Telephone
	Order Department	New York Telephone

1136 46TH RD

Year	Uses	Source
2013	PETROSSIAN	Cole Information Services
	ZYLO WARE CORP	Cole Information Services
2008	THUNDER INDUSTRIES INC	Cole Information Services
	ZYLOWARE CORP	Cole Information Services
2005	Zylo Ware Corp	Hill-Donnelly Information Services
2000	Zylo Ware Corp	Cole Information Services
1967	York Wholesalers Wholesale Branch of York Corp	New York Telephone
1962	York Wholesalers	New York Telephone Directory
	York Wholesalers Wholesale Branch of York Corp	New York Telephone Directory

1142 46TH RD

Year	Uses	Source
2013	WEST GROUP CREATIVE	Cole Information Services
	AMERICAN CONTRACTING COMPANY INCORPO	Cole Information Services
	AMERICAN CONTRACTING CO INC	Cole Information Services

FINDINGS

Year	Uses	Source
2013	RELIABLE MECHANICAL PLUMBING & HEATI	Cole Information Services
	MANHATTAN COOLING TOWERS INC	Cole Information Services
2005	Laminall Inc 2 s 718 786 6480 s	Hill-Donnelly Information Services
2000	Laminalle Inc	Cole Information Services
1991	A & B Realty	NYNEX Information Resource Company
	LAMINALL PLASTICS CO	NYNEX Information Resource Company
	Memento Assocs plastic laminators	NYNEX Information Resource Company
	Silhouette Drywall Systems Inc	NYNEX Information Resource Company
1983	Cinek Film Co Inc	New York Telephone
	LAMINALL PLASTICS CO	New York Telephone
	Memento Assocs plastic laminators	New York Telephone
	Whitehead Cinek Corp	New York Telephone
1976	Cinek Film Co Inc	New York Telephone
	LAMINALL PLASTICS CO	New York Telephone
1970	Cinek Film Co Inc	New York Telephone
	LAMINALL PLASTICS CO	New York Telephone
	MEMENTO ASSOCS plstc lamntrs	New York Telephone
	Whitehead Cinek Corp	New York Telephone
1967	LAMINALL PLASTICS CO	New York Telephone
	MEMENTO ASSOCS plstc lamntrs	New York Telephone
1962	Rosen Jos archt	New York Telephone Directory
	Goodyear Const Co Inc	New York Telephone Directory
	Harrow Const Corp	New York Telephone Directory
	LAMINALL PLASTICS CO	New York Telephone Directory
	MEMENTO ASSOCS plstc lamntrs	New York Telephone Directory
	Pellicano Anthony paintng & decoratg	New York Telephone Directory
	Rosen H contr	New York Telephone Directory

1148 46TH RD

Year	Uses	Source
1983	Coghan Gabriel A Dr PC	New York Telephone
	Silberstein Fryderyk DDS	New York Telephone
1967	Wurm J Dentl Eqp Co	New York Telephone
1962	Wurm J Dental Equip Corp	New York Telephone Directory

1215 46TH RD

Year	Uses	Source
1983	Mc Guggart Eugene	New York Telephone

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1303 46TH RD

Year	Uses	Source
1991	S & E Waste Oil Inc	NYNEX Information Resource Company

1315 46TH RD

Year	Uses	Source
1983	Sullivan Philip T	New York Telephone

1645 46TH RD

Year	Uses	Source
1934	Creem Eleanor M clk Dept of Sanitn	R. L. Polk & Co.

46TH ST

1024 46TH ST

Year	Uses	Source
1934	OConnor Julia clk	R. L. Polk & Co.

1025 46TH ST

Year	Uses	Source
1934	Leibowitz Jos engineering asst Bd of Water Supply	R. L. Polk & Co.

1037 46TH ST

Year	Uses	Source
1934	Morris Mary wid Wm matron	R. L. Polk & Co.
	Smith Jos Mary E crane eng	R. L. Polk & Co.

1114 46TH ST

Year	Uses	Source
1934	Gardner Steph Rosamond plmbr	R. L. Polk & Co.
	Smith Edna sten	R. L. Polk & Co.
	Gibbons Frank W inspr Bd of Water Supply G & E	R. L. Polk & Co.

1115 46TH ST

Year	Uses	Source
1934	Joyner Victor Lucy musician	R. L. Polk & Co.
	Sparagna Dominick Mathilda Dominick Sparagna & Co	R. L. Polk & Co.

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1124 46TH ST

Year	Uses	Source
1934	Hyland Edith sten	R. L. Polk & Co.
	Hyland Edw Margt lab	R. L. Polk & Co.
	Mabie Jas P Anna mgr	R. L. Polk & Co.

1180 46TH ST

Year	Uses	Source
1934	Flower Isidore Rose Flower & DAvis	R. L. Polk & Co.

1249 46TH ST

Year	Uses	Source
1967	Felleman Philip N	New York Telephone

1333 46TH ST

Year	Uses	Source
1934	Riley Raymond chemical eng	R. L. Polk & Co.

1429 46TH ST

Year	Uses	Source
1934	Mamaux John J Rhoda slsmn	R. L. Polk & Co.

1472 46TH ST

Year	Uses	Source
1934	Bricker Harry tchr Grover Cleveland	R. L. Polk & Co.

1505 46TH ST

Year	Uses	Source
1939	Knipp Chas jwlr	New York Telephone Company

1772 46TH ST

Year	Uses	Source
1934	Bayer Gertrude stock clk John A Schwarz Inc	R. L. Polk & Co.

5TH AVE

1011 5TH AVE

Year	Uses	Source
1976	Arnold Hubert E	New York Telephone

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1165 5TH AVE

Year	Uses	Source
1976	Amer Soc For Psycho Prophylaxis In Obstetrics Inc	New York Telephone
	Childbirth Education Lamaze	New York Telephone
	ASPO	New York Telephone
	AMERICAN SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS	New York Telephone

1176 5TH AVE

Year	Uses	Source
1976	Krasna Irwin H MD	New York Telephone
1970	Krasna Irwin H MD	New York Telephone
	Danese Callisto MD	New York Telephone
1967	Krasna Irwin H MD	New York Telephone

1440 5TH AVE

Year	Uses	Source
1991	DVC Industries Inc	NYNEX Information Resource Company
1983	DVC Industries Inc	New York Telephone

1510 5TH AVE

Year	Uses	Source
1983	Mc Guire Richard A Assocs Inc	New York Telephone

1560 5TH AVE

Year	Uses	Source
1976	Crossly Bldg Prods	New York Telephone

1724 5TH AVE

Year	Uses	Source
1983	Entenmanns Bakery Inc	New York Telephone

1775 5TH AVE

Year	Uses	Source
1976	Duralee Fabrics Ltd	New York Telephone
	Duralite Co Inc Barbour Av ABBREV Passaic NJ NYC Tel No WI 77064	New York Telephone
1970	Duralee Fabrics Ltd	New York Telephone

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1853 5TH AVE

Year	*Uses*	*Source*
1976	Falkowitz Milton DDS	New York Telephone

6TH AVE

1200 6TH AVE

Year	*Uses*	*Source*
1976	Dynagem Jwlry	New York Telephone
1970	Dynagem jwlry	New York Telephone
1967	Dynagem jwlry	New York Telephone

1251 6TH AVE

Year	*Uses*	*Source*
1976	Maisel Restrnts exec ofcs	New York Telephone
1970	Maisel Restlnts exec ofcs	New York Telephone
1967	Maisel Restrnts exec ofcs	New York Telephone

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TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
11-22 45th Road	2013, 1996, 1976, 1962, 1950, 1945, 1939, 1934, 1922

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
10-11 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-12 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-15 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-18 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-20 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-20 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-22 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-24 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-25 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-26 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-27 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-27 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-28 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-29 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-34 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-35 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-35 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
10-35 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-36 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-37 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-37 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-40 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-40 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-41 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-42 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-43 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-45 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-47 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-48 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-49 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-50 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-51 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-52 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-54 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
10-57 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
1011 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1015 45TH AVE	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1015 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1016 46TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1018 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1018 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1934, 1922
1020 45TH RD	2013, 2008, 1996, 1983, 1976, 1970, 1967, 1950, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1020 45TH RD	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1020 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1021 45TH AVE	2013, 2008, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1021 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1022 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1024 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1934, 1922
1024 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1025 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
1025 45TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1025 45TH RD	2013, 2008, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1025 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1025 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1026 46TH AVE	2013, 2008, 1996, 1976, 1967, 1962, 1950, 1934, 1922
1026 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1027 45TH AVE	2013, 2008, 2005, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1027 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
1027 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1027 46TH AVE	2013, 2008, 1996, 1976, 1970, 1950, 1922
1027 46TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1028 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1028 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
1028 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1028 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1030 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1032 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1034 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1034 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1034 45TH RD	2013, 2008, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1034 45TH RD	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1034 46TH AVE	2013, 2008, 1996, 1962, 1950, 1939, 1934, 1922
1035 45TH AVE	2013, 2008, 1996, 1976, 1950, 1922
1035 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1035 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1035 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1036 46TH AVE	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1934, 1922
1037 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1934, 1922
1037 46TH RD	2013, 2008, 1996, 1950, 1922
1037 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1037 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1038 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
1038 45TH AVE	2013, 2008, 2005, 1996, 1991, 1983, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1038 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
1038 46TH AVE	2013, 2008, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1038 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1038 46TH RD	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1038 46TH RD	2013, 2008, 1996, 1976, 1962, 1950, 1945, 1939, 1934, 1922
1039 44TH DR	2013, 2008, 1996, 1983, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1039 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
1040 44TH DR	2013, 2008, 2000, 1996, 1991, 1976, 1950, 1945, 1939, 1934, 1922
1040 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1040 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1040 45TH AVE	2013, 2008, 1996, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1040 46TH AVE	2013, 2008, 1996, 1976, 1950, 1922
1040 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1922
1041 45TH AVE	2013, 2008, 1996, 1976, 1970, 1967, 1962, 1950, 1934, 1922
1041 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1041 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
1042 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1922
1043 44TH DR	2013, 2008, 1996, 1976, 1950, 1939, 1922
1043 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1043 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
1044 46TH RD	2013, 2008, 1996, 1950, 1922
1045 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
1046 46TH RD	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
1047 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1048 45TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1048 46TH RD	2013, 2008, 1996, 1983, 1976, 1950, 1945, 1922
1048 46TH RD	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1049 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
1050 44TH DR	2013, 2008, 2000, 1996, 1976, 1950, 1922
1050 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1050 46TH RD	2013, 2008, 1996, 1991, 1976, 1950, 1922
1051 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
1052 46TH RD	2013, 2008, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1054 46TH RD	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1922
1056 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1056 46TH RD	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1057 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
1084 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1095 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922

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Address Researched	Address Not Identified in Research Source
11-14 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-15 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-15 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-16 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-18 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-24 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-25 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-25 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-26 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-30 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-30 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-31 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-35 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-42 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-47 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-48 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
11-55 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
1103 45TH AVE	2013, 2008, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1103 45TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1103 46TH AVE	2013, 2008, 2005, 2000, 1996, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1103 46TH RD	2013, 2008, 2000, 1996, 1950, 1945, 1939, 1934, 1922
1105 44TH DR	2013, 2008, 1996, 1976, 1950, 1922
1105 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1110 44TH DR	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1111 44TH DR	2013, 2008, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922

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Address Researched	Address Not Identified in Research Source
1111 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1112 44TH DR	2013, 2008, 2005, 2000, 1996, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1114 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1922
1114 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1114 46TH AVE	2013, 2008, 1950, 1922
1114 46TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1114 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1115 45TH AVE	2013, 2008, 1996, 1950, 1922
1115 45TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1115 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1115 46TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1115 46TH RD	2013, 2008, 1996, 1950, 1922
1115 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1116 44TH DR	2013, 2008, 1996, 1983, 1976, 1967, 1962, 1950, 1939, 1934, 1922
1116 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1118 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1118 46TH RD	2013, 2008, 1996, 1991, 1950, 1922
1120 46TH RD	2013, 2008, 1996, 1950, 1945, 1939, 1934, 1922
1120 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1121 44TH DR	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1122 45TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1124 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1124 46TH AVE	2013, 2008, 1996, 1950, 1922
1124 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1125 45TH AVE	2013, 2008, 1996, 1976, 1950, 1945, 1939, 1922
1125 45TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
1125 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1125 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1125 46TH RD	2013, 2008, 1996, 1950, 1922
1125 46TH RD	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1126 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1130 45TH RD	2013, 2008, 2005, 1996, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1130 45TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1130 46TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1950, 1945, 1939, 1934, 1922
1131 46TH RD	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1934, 1922
1131 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1133 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1133 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1134 44TH DR	2013, 2008, 1996, 1950, 1945, 1939, 1922
1134 46TH RD	2013, 2008, 2005, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1134 46TH RD	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1135 45TH AVE	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1135 45TH AVE	2013, 2008, 1996, 1950, 1945, 1939, 1934, 1922
1136 44TH DR	2013, 2008, 1996, 1950, 1922
1136 44TH DR	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1136 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1962, 1950, 1945, 1939, 1934, 1922
1136 46TH RD	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1934, 1922
1136 46TH RD	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1138 44TH DR	2013, 2008, 1996, 1950, 1922
1140 44TH DR	2013, 2008, 1996, 1950, 1939, 1922
1140 45TH RD	2013, 2008, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1140 46TH AVE	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1142 44TH DR	2013, 2008, 1996, 1950, 1939, 1922

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Address Researched	Address Not Identified in Research Source
1142 44TH DR	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1142 44TH DR LONG ISLAND CITY DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1142 46TH RD	2013, 2008, 1996, 1950, 1945, 1939, 1934, 1922
1142 46TH RD	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1143 45TH AVE	2013, 2008, 1996, 1976, 1950, 1945, 1939, 1934, 1922
1144 44TH DR	2013, 2008, 1996, 1950, 1945, 1922
1145 44TH DR	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1146 44TH DR	2013, 2008, 1996, 1950, 1945, 1922
1147 45TH AVE	2013, 2008, 1950, 1939, 1922
1147 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1148 44TH DR	2013, 2008, 1996, 1962, 1950, 1945, 1939, 1922
1148 44TH DR	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1148 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1950, 1945, 1939, 1934, 1922
1149 44TH DR	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1149 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1151 44TH DR	2013, 2008, 1996, 1950, 1922
1152 44TH DR	2013, 2008, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1152 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1153 44TH DR	2013, 2008, 1996, 1962, 1950, 1939, 1922
1154 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1967, 1950, 1945, 1939, 1934, 1922
1155 45 S AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1155 45TH AVE	2013, 2008, 1950, 1922
1155 45TH AVE	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1155 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1156 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1157 44TH DR	2013, 2008, 1996, 1950, 1934, 1922
1157 44TH DR	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

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Address Researched	Address Not Identified in Research Source
1165 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1165 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1176 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1180 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1186 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1188 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1200 6TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1215 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1220 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
1234 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1238 44TH DR	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1249 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
1251 6TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1962, 1950, 1945, 1939, 1934, 1922
1254 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1255 45TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1303 46TH RD	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1314 46TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1315 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1322 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1324 46TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1330 45TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1333 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1347 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1401 45TH ST	2013, 2008, 2005, 2000, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1413 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922

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Address Researched	Address Not Identified in Research Source
1424 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
1429 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1440 5TH AVE	2013, 2008, 2005, 2000, 1996, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1444 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1458 45TH	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1472 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1474 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1505 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
1510 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1560 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1626 44TH DR	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
1645 46TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1716 46TH AVE	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1724 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1738 44TH DR	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1772 46TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1775 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1967, 1962, 1950, 1945, 1939, 1934, 1922
18-12 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
18-48 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
1815 45TH AVE	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1824 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
1853 5TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1866 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
1882 46TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

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Address Researched	Address Not Identified in Research Source
20-01 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-02 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-03 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-04 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-05 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-06 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-06 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-07 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-08 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-09 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-10 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-11 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-12 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-12 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-14 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-14 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-15 45TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-18 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-20 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-22 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-24 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-25 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-26 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-27 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
20-33 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-35 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-37 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-41 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-43 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-45 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-47 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-48 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-49 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-51 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-52 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-53 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-54 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-55 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-56 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
20-57 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
2019 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
2038 46TH AVE	2013, 2008, 2005, 2000, 1996, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
2040 46TH AVE	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
2046 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
2057 45TH RD	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
2059 45TH RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
2103 45TH RD	2013, 2008, 1996, 1950, 1922
4440 11ST ST	2013, 2008, 2005, 2000, 1996, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4440 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

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Address Researched	Address Not Identified in Research Source
4440 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4446 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4461 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4461 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4464 11TH ST	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4464 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4469 11TH ST	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4472 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
4480 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4480 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4502 11TH ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4502 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
4504 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
4506 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4508 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4510 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4510 11TH ST	2013, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4512 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
4514 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4516 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1950, 1939, 1922
4518 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4520 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4520 11TH ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4522 21ST ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
4523 21ST ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
4527 21ST RD	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1934, 1922
4528 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
4528 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4528 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4528 21ST ST	2013, 2008, 2000, 1996, 1976, 1950, 1922
4530 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4532 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
4532 11TH ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4532 21ST ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
4533 21ST ST	2013, 2008, 2000, 1996, 1976, 1970, 1950, 1922
4533 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4534 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
4535 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4535 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4536 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4536 21ST ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1950, 1945, 1939, 1934, 1922
4537 21ST ST	2013, 2008, 2000, 1996, 1950, 1939, 1922
4537 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4538 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1922
4539 21ST ST	2013, 2008, 2000, 1996, 1950, 1922
4540 11TH ST	2013, 2008, 2005, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4540 21ST ST	2013, 2008, 2000, 1996, 1950, 1945, 1939, 1934, 1922
4540 21ST ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4542 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4543 21ST ST	2013, 2008, 2000, 1996, 1991, 1976, 1950, 1939, 1922
4543 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4544 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4544 21ST ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4545 21ST ST	2013, 2008, 2000, 1996, 1976, 1950, 1939, 1922
4546 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
4546 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4546 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4546 21ST ST	2013, 2008, 2000, 1996, 1991, 1950, 1945, 1939, 1934, 1922
4587 21ST ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4591 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
46-31 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-32 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-34 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-37 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-41 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-43 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
46-44 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1945, 1939, 1934, 1922
4601 21ST ST	2013, 2008, 2000, 1996, 1962, 1950, 1945, 1939, 1934, 1922
4601 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4602 21ST ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4602 21ST ST	2013, 2008, 2000, 1996, 1950, 1945, 1922
4606 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4606 11TH ST	2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4609 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4609 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4610 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1950, 1939, 1934, 1922
4610 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4613 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
4614 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4616 11TH PL	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched	Address Not Identified in Research Source
4620 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4620 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4627 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4629 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4630 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4631 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4632 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4633 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4634 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4634 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4635 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4636 11TH ST	2013, 2008, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4636 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4637 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4639 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4641 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
4643 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4644 11TH ST	2013, 2008, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1922
4644 11TH ST	2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
4645 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4647 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
4649 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922
4653 11TH ST	2013, 2008, 2005, 2000, 1996, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1922

APPENDIX E

Previous Environmental Reports

APPENDIX G

Qualifications of Environmental Professionals

Ecosystems Strategies, Inc.

Paul H. Ciminello, CEM, CAQS
PRESIDENT
paul@ecosystemsstrategies.com

EDUCATION

Master of Environmental Management, 1986
School of the Environment, Duke University, Durham, North Carolina

Master of Arts in Public Policy Sciences, 1986
Institute of Policy Sciences and Public Affairs, Duke University, Durham, North Carolina

Bachelor of Arts, 1980
Tufts University, Medford, Massachusetts

CERTIFICATIONS AND TRAINING

Certified Qualified Environmental Professional (QEP), Institute of Professional Environmental Practice (Cert. Number 08130024)
In compliance with OSHA Hazardous Materials Safety (29 CFR 1910) requirements (updated 2012)
Certified Air Quality Specialist, Environmental Assessment Association, 2007
Certified Environmental Manager, Environmental Assessment Association, 2006
NJ Dept. of Environmental Protection Licensed Subsurface Evaluator (License Number: 0014686)
NYS Dept. of Labor Certified Asbestos Building Inspector (Cert. Number: AH92-14884)
NYS Department of State, Division of Licensing Services, Real Estate Instructor

PROFESSIONAL EXPERIENCE

President, Ecosystems Strategies, Inc., Poughkeepsie, New York *1992 to present*

Coordinates corporate strategic planning, financial management and marketing activities. Oversees corporate work on state and federal superfund sites and manages education/training services. Responsible for technical services in areas of pollution prevention, contaminant delineation and site remediation. Twenty years experience in the investigation and remediation of petroleum contamination at commercial and residential properties. Major recent projects of relevance include:

- Irvington Waterfront Park (Irvington, NY): Project Manager for site investigation and remedial design of abandoned industrial riverfront properties. Documented soil and groundwater contamination and designed remediation including soil removal and site capping. Project completed in 2000; project awarded the 2000 Gold Medal Award by Consulting Engineers Council of New York State.

- Greyston Bakery Site (Yonkers, NY): Project Manager for site investigation and remedial design of former manufactured gas plant site for future use as a bakery. Documented soil, groundwater and soil gas contamination. Remedial systems included installations of a DNAPL collection system, a barrier layer, a subslab depressurization system under the building, and groundwater monitoring. Project completed in 2004.

- 400 Block Redevelopment (Poughkeepsie, NY): Project Manager for site investigation and remedial design of multi-use industrial development property (boiler repair, clothing manufacturer, auto repair) for future retail/residential use. Documented soil (petroleum, PCBs, metals) and groundwater (petroleum) contamination. Remedial systems include: soil (and tank) removal, installation of a barrier, and groundwater monitoring. Project completed in 2006.

- Prospect Court Housing Site (Bronx, NY): Project Manager for site investigation and remediation of a former gas station/auto repair facility. Documented contamination included both dissolved and free-phase petroleum hydrocarbons, dissolved halogenated solvents, and metals contamination in soil. Remedial systems consisted of In-Situ Chemical Oxidation, soil excavation, vapor interception systems, and on-going groundwater monitoring. Project anticipates securing Certificate of Completion from the NYSDEC in December 2012.

- Parkview Commons Site (Bronx, NY): Project Manager for site investigation and remedial design of former gas station/auto repair facility for future use as a residential/commercial building. Certificate of Completion was secured from the NYSDEC in 2007.

Senior Hazardous Waste Specialist, U.S. Hydrogeologic, Inc., Poughkeepsie, New York 1986 to 1992

Supervisor for corporate hazardous and solid waste investigatory and remedial services. Major projects included:

- Coordination of subsurface investigations at a New York State Superfund site (former industrial facility); project manager in charge of site reclassification (delisted as of January, 1991).
- Coordination of petroleum storage tank management plan for Dutchess County (NY) Department of Public Works, including an assessment of regulatory compliance, product utilization and physical conditions of more than 100 tanks at over 20 facilities.
- Environmental compliance Audit of 42,000-square foot printing facility with specific remediations for solvent handling/disposal, inks storage and metal recovery processes.

Adjunct Professor, (various institutions) *1991 to Present*

Dutchess Community College, Poughkeepsie, New York
*M*arist College, Poughkeepsie, New York
Vassar College, Poughkeepsie, New York

Courses: Macroeconomics, Environmental Economics (DCC)
Introduction to Environmental Issues (Marist)
Environmental Geology (Vassar)

Policy Intern, Southern Growth Policies Board, North Carolina *1985*

Prepared several in-depth and short analyses of environmental and economic issues, with specific concern for their impact on Southern state policies. Analyses included: hazardous waste facility setting policies and environmental impacts of "high tech" industries on host communities.

Research Assistant, University of Oregon, Eugene, Oregon *1983*

Analyzed (with Dr. John Baldwin, Chairman of the Department of Planning, Public Policy and Management, U. of Oregon) the "Oregon Riparian Tax Incentive Program". Designed survey, conducted interviews and analyzed data. Summary paper with programmatic recommendations, was presented at the Annual Conference of the National Association of Environmental Educators.

PRESENTATIONS

- "Environmental Risks in Lending" Training Session for Pawling Savings Bank employees, December 18 and 19, 1989; and July 1, 1993.
- "Identifying Environmental Concerns in Appraisals", Workshops for Lakewood Appraisal Corporation, October, and November, 1989 and April, 1990.
- "State and Local Groundwater Protection Strategies", Annual meeting of the New York State Association of Towns, February, 1990.
- "Environmental Audits on Orchards and Agricultural Properties", Resource Education Institute, Inc., Real Estate Site Assessment and Environmental Audits Conference, December 4, 1990.

- "Environmental Audits on Orchards and Agricultural Properties", National Water Well Association Annual Conference, July 29-31, 1991.
- "Principles of Environmental Economics for Ground Water Professionals", National Groundwater Association Outdoor Action Conference, May 27, 1993.
- "Impact of Environmental Liabilities on Real Estate Transactions", a NYS Department of Education approved course for licensed real estate professionals, March 1995; April 1995; May 1995; October 1995.
- "Brownfields Redevelopment in New York: A Discussion of Two Case Studies", New England Environmental Conference 1996, March, 1996.
- "Quantifying Environmental Liabilities", a NYS Department of Education approved course for licensed real estate professionals, March 1997.
- "Environmental Assessments in Urban Settings", Vassar College, Fall 1999 and Fall 2000.
- "Navigating Property Contaminant Problems", Land Trust Alliance Rally 2001, Oct 2001.

ARTICLES

Ciminello, P. 1993. A Primer on Petroleum Bulk Storage Tanks and Petroleum Contamination of Property, ASHI Technical Journal, Volume 3, No. 1

Ciminello, P. 1991. Environmental Audits on Orchard and Other Agricultural Properties, Proceedings of the National Water Well Association Annual Conference

Ciminello, P. 1991. Property Managers Should Carefully Examine Current Fuel Storage Practices, NYS Real Estate Journal, Vol. 3, No. 9

Ciminello, P. 1991. New DEC Regulations Affect Development of Agricultural Lands, NYS Real Estate Journal, Vol. 3, No. 6

Ciminello, P., Hodges-Copple, J. 1986. Managing Toxic Risks From High Tech Manufacturing, Growth and Environmental Management Series (Southern Growth Policies Board)

Ciminello, P. 1986. State Assistance in Financing Water Treatment Facilities, Growth and Environmental Management Series (Southern Growth Policies Board)

Ciminello, P. 1985. Plants Amid Plantings: The Future Role of Environmental Factors in Business Climate Ratings, Southern Growth ALERT (Southern Growth Policies Board)

Ciminello, P., J. Baldwin, N. Duhnkrack,1984, An Incentive Approach to Riparian Lands Conservation, Monographs in Environmental Education and Environmental Studies (North American Association of Environmental Educators)

PROFESSIONAL AFFILIATIONS

American Water Resources Association
National Groundwater Association
Hazardous Materials Control Research Institute
Environmental Assessment Association

ADDITIONAL INFORMATION

Member, Dutchess County (NY) Youth Board (1987-1992); Chairman, 1992
Member, City of Poughkeepsie (NY) School District Ad Hoc Committee on Teen Parents and Pregnancy Prevention (1991)
Member, City of Poughkeepsie School District Budget Advisory Committee (1994 to 2000)
Member, City of Poughkeepsie PTA and Middle School Building Level Team

Scott Spitzer
Director of Environmental Investigations
scott@ecosystemsstrategies.com

PROFESSIONAL EXPERIENCE

Director of Environmental Investigations, Ecosystems Strategies, Inc., Poughkeepsie, NY 2013 - present

Management and quality review of environmental site assessments, technical environmental investigations, and remedial projects including Brownfield sites. Conducts research to obtain field and regulatory information about the environmental status of a designated area. Reviews all documents prepared by ESI to ensure consistency and technical accuracy. Responsibilities associated with the preparation of site assessments include: investigating site histories, conducting facility inspections, reviewing regulatory agency records, documenting facility compliance with relevant State and Federal regulations, and preparing reports. Management of complex technical environmental investigations (including sites currently on the NYSDEC Registry of Inactive Hazardous Waste Sites), including coordinating subcontractors, overseeing fieldwork, designing and implementing sampling plans, preparing technical reports, and interfacing with regulatory agency personnel.

Senior Project Manager, Long-Form Reports, The 451 Group, Inc., New York, NY 2008-2011

- Managed the production of over 150 technical white papers.

Senior Project Manager, Ecosystems Strategies, Inc., Poughkeepsie, NY 2001 - 2008

- Conducted Environmental Site Investigations and prepared final site assessment reports. Over 300 Investigations and Final Reports completed as lead manager.
- Investigated site histories.
- Conducted facility inspections.
- Reviewed regulatory agency records.
- Documented facility compliance with relevant State and Federal regulations.
- Conducted Phase II Technical Environmental Investigations and prepared technical reports.
- Researched field and regulatory information.
- Managed tank removals.
- Coordinated subcontractors.
- Oversaw fieldwork and handled collection of material, soil and water samples.

Select Projects

Scenic Hudson Land Trust, Inc., Beacon Waterfront Project, Beacon, NY

ESI conducted soil and groundwater investigations on a former MOSF and adjacent scrap yard. Projects involved soil remediation of both petroleum and PCB-contaminated soils and long-term groundwater monitoring. Both projects were classified as Voluntary Clean-Up projects by the NYSDEC and closure status was attained.

Sakmann Restaurant Corporation Site, Fort Montgomery, NY

Conducted Phase I Environmental Site Assessment and Phase II Subsurface Investigations for former filling station and automotive repair garage contaminated by solvent and waste-oil discharges to an on-site drywell.

Designed and implemented a sampling plan for soils impacted by chlorinated hydrocarbons, petroleum, and metals. Created Workplan (in coordination with the NYSDEC Voluntary Cleanup Program) for remediation of on-site contamination and long-term sampling of on-site groundwater monitoring wells.

Staten Island Marina Site, Staten Island, NY

Conducted Phase I Environmental Site Assessment and Phase II Subsurface Investigation for an active marine facility engaged in boat painting and engine maintenance activities. Coordinated the delineation of metals contamination over a three-acre area and analyzed potential impacts from on-site fill materials. Submitted remedial and budgetary analysis in support of regulatory agency approval for conversion of boatyard into a public park.

Octagon House Development Site, Roosevelt Island, NY

Conducted Phase I Environmental Site Assessment and Phase II Subsurface Investigations at the former site of a large, urban hospital. Interpreted the results of geotechnical studies, extended test pits, and conducted extensive soil sampling, to document subsurface soil conditions in support of client's application to the U.S. Housing and Urban Development Agency (HUD). Created Workplan (in coordination with the NYCDEP Office of Environmental Planning and Assessment) for site-wide remediation of contaminated soils and secured NYCDEP approval for site remediation as required by HUD.

Camp Glen Gray Boy Scout Facility, Mahwah, NJ

Conducted Phase I Environmental Site Assessment and Phase II Subsurface Investigations at an approximately 800-acre campground containing numerous structures. Documented subsurface soil conditions at the locations of aboveground and underground storage tanks, and delineated lead contamination at a former firing range. Assisted in design and implementation of remediation plans for removal of petroleum and lead contaminated soils, and obtained NJDEP approvals.

EDUCATION

SUNY at Stony Brook, Bachelor of Science - Biology, SUNY at Stony Brook *May 1992*
SUNY at Purchase, extensive studies in Environmental Science

PROFESSIONAL CERTIFICATIONS

OSHA Hazardous Waste Site Operations and Emergency Response (HAZWOPER) – 40 hr

APPENDIX H

Scope of Services

Ecosystems Strategies, Inc.

Phase I Environmental Site Assessment
Scope of Services

Task 1.0: Description of Subject Property and Surrounding Area Physical Settings

1.1 Description of property location, topography, geology, hydrogeology, surface hydrology and wetlands
1.2 Identification of adjoining and surrounding area properties

Task 2.0: Historic Investigation (Review of Applicable, Reasonably Ascertainable Sources)

2.1 Review of historic maps and plans (to the earliest date of available maps)
2.2 Review of aerial photographs
2.3 Review of local records (e.g., building department), including cursory ownership information and City Directories, if applicable.
2.4 Interviews with User, Key Site Manager, and other knowledgeable individuals.
2.5 Review of User or property owner provided documents (e.g., title reports, prior investigations) and/or analytical results

Task 3.0: Federal and State Regulatory Agency Records Review

3.1 Review of ASTM-required federal, state, and/or tribal databases at required search distances and analysis of the relationship of each Site (e.g., upgradient, downgradient) to the Subject Property;
- Federal NPL (1.0 mile) and delisted NPL sites (0.5 mile)
- Federal CERCLIS list and CERCLIS NFRAP site list (0.5 mile)
- Federal RCRA CORRACTS facilities list (1.0 mile)
- Federal RCRA non-CORRACTS TSD facilities list (0.5 mile)
- Federal RCRA generators list (subject/adjoining properties)
- Federal ERNS list (subject property)
- Federal, state, and tribal institutional control/engineering control registries (subject property)
- State- and tribal-equivalent NPL (1.0 mile)
- State- and tribal-equivalent CERCLIS (0.5 mile)
- State and tribal Brownfield and voluntary cleanup sites (0.5 mile)
- State and tribal leaking storage tank lists (0.5 mile)
- State (including locally administered) and tribal registered storage tank lists (subject/adjoining)
- State and tribal landfill and/or solid waste disposal site lists (0.5 mile)

3.2 Review of additional federal and state environmental databases:
- State spill file records (0.5 mile)
- State MOSF list (0.5 mile)
- State radon data (by local municipality as available)
- Federal and state wastewater discharge permits (subject/adjoining properties)

3.3 Interviews (as applicable) with government representative regarding regulatory compliance

Task 4.0: Physical Inspection

4.1 Inspection of property and structures for potential contamination and contaminant sources, including:
- Hazardous/medical/radioactive waste storage and disposal areas
- Petroleum and/or chemical storage (including tanks and associated piping)
- Overt indications, spatial extent, and current condition of asbestos-containing materials, lead-based paint and mold
- Wastewater and stormwater discharge systems
- Equipment potentially containing polychlorinated biphenyls (PCBs)

4.2 Inspection of external property for the following:
- Presence of contamination (e.g., debris, soil staining)
- Evidence of prior structures and uses
- Unusual or man-made topographical formations (e.g., berms, sinkholes)
- On-site surface water quality
- Evidence and location of wells
- Vegetative stress

4.3 Identification of overt on-site sensitive environmental receptors (e.g., wetlands)
4.4 Limited inspection of adjoining and nearby properties for:
- Potential off-site sources of contamination
- Sensitive environmental receptors

4.5 If appropriate, interviews with owners/tenants/operators and other available knowledgeable individuals present during physical inspection

Task 5.0: Preparation of Written Summary Report

5.1 Summary of findings of Tasks 1.0 through 4.0
5.2 Identification of any Recognized Environmental Conditions and/or other potential concerns
5.3 Conclusions and Recommendations, including any specific additional investigatory or remedial work
5.4 Production and transmission of the final Phase I ESA to Client.

APPENDIX E

CAMP Results

RI Dust Data

Instrument [S/N]	Test #	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
DustTrak II 8530143324	002	10/23/2015	08:37:12	0:07:24:00	0.007	mg/m^3	AEROSOL	0.096	0.001
DustTrak II 8530143324	003	10/26/2015	09:26:57	0:06:59:00	0.006	mg/m^3	AEROSOL	0.034	0.002
DustTrak II 8530143324	004	10/27/2015	08:30:14	0:06:19:00	0.015	mg/m^3	AEROSOL	0.054	0.002
DustTrak II 8530143324	001	10/22/2015	09:58:22	0:06:30:00	0.043	mg/m^3	AEROSOL	0.075	0.024

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/22/2015
Instrument S/N	8530143324	Start Time	09:58:22
		Stop Date	10/22/2015
		Stop Time	16:28:22
		Total Time	0:06:30:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.043 mg/m^3
Max	0.075 mg/m^3
Max Date	10/22/2015
Max Time	10:13:22
Min	0.024 mg/m^3
Min Date	10/22/2015
Min Time	16:13:22
TWA (8 hr)	0.035
TWA Start Date	10/22/2015
TWA Start Time	09:58:22
TWA End Time	16:28:22

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/22/2015	10:13:22	0.075
2	10/22/2015	10:28:22	0.068
3	10/22/2015	10:43:22	0.068
4	10/22/2015	10:58:22	0.073
5	10/22/2015	11:13:22	0.069
6	10/22/2015	11:28:22	0.056
7	10/22/2015	11:43:22	0.050
8	10/22/2015	11:58:22	0.049
9	10/22/2015	12:13:22	0.044
10	10/22/2015	12:28:22	0.048
11	10/22/2015	12:43:22	0.048
12	10/22/2015	12:58:22	0.042
13	10/22/2015	13:13:22	0.038
14	10/22/2015	13:28:22	0.041
15	10/22/2015	13:43:22	0.041
16	10/22/2015	13:58:22	0.031
17	10/22/2015	14:13:22	0.030
18	10/22/2015	14:28:22	0.031
19	10/22/2015	14:43:22	0.030
20	10/22/2015	14:58:22	0.027
21	10/22/2015	15:13:22	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	10/22/2015	15:28:22	0.027
23	10/22/2015	15:43:22	0.027
24	10/22/2015	15:58:22	0.025
25	10/22/2015	16:13:22	0.024
26	10/22/2015	16:28:22	0.025

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/23/2015
Instrument S/N	8530143324	Start Time	08:37:12
		Stop Date	10/23/2015
		Stop Time	16:01:12
		Total Time	0:07:24:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.007 mg/m^3
Max	0.096 mg/m^3
Max Date	10/23/2015
Max Time	10:47:12
Min	0.001 mg/m^3
Min Date	10/23/2015
Min Time	14:26:12
TWA (8 hr)	0.006
TWA Start Date	10/23/2015
TWA Start Time	08:37:12
TWA End Time	16:01:12

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/26/2015
Instrument S/N	8530143324	Start Time	09:26:57
		Stop Date	10/26/2015
		Stop Time	16:25:57
		Total Time	0:06:59:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.006 mg/m^3
Max	0.034 mg/m^3
Max Date	10/26/2015
Max Time	11:17:57
Min	0.002 mg/m^3
Min Date	10/26/2015
Min Time	13:46:57
TWA (8 hr)	0.005
TWA Start Date	10/26/2015
TWA Start Time	09:26:57
TWA End Time	16:25:57

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/26/2015	09:27:57	0.014
2	10/26/2015	09:28:57	0.012
3	10/26/2015	09:29:57	0.011
4	10/26/2015	09:30:57	0.015
5	10/26/2015	09:31:57	0.014
6	10/26/2015	09:32:57	0.015
7	10/26/2015	09:33:57	0.013
8	10/26/2015	09:34:57	0.013
9	10/26/2015	09:35:57	0.013
10	10/26/2015	09:36:57	0.014
11	10/26/2015	09:37:57	0.012
12	10/26/2015	09:38:57	0.011
13	10/26/2015	09:39:57	0.014
14	10/26/2015	09:40:57	0.010
15	10/26/2015	09:41:57	0.011
16	10/26/2015	09:42:57	0.014
17	10/26/2015	09:43:57	0.011
18	10/26/2015	09:44:57	0.026
19	10/26/2015	09:45:57	0.014
20	10/26/2015	09:46:57	0.013
21	10/26/2015	09:47:57	0.011

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	10/26/2015	09:48:57	0.012
23	10/26/2015	09:49:57	0.009
24	10/26/2015	09:50:57	0.010
25	10/26/2015	09:51:57	0.008
26	10/26/2015	09:52:57	0.008
27	10/26/2015	09:53:57	0.014
28	10/26/2015	09:54:57	0.010
29	10/26/2015	09:55:57	0.008
30	10/26/2015	09:56:57	0.009
31	10/26/2015	09:57:57	0.008
32	10/26/2015	09:58:57	0.008
33	10/26/2015	09:59:57	0.009
34	10/26/2015	10:00:57	0.008
35	10/26/2015	10:01:57	0.007
36	10/26/2015	10:02:57	0.008
37	10/26/2015	10:03:57	0.007
38	10/26/2015	10:04:57	0.008
39	10/26/2015	10:05:57	0.007
40	10/26/2015	10:06:57	0.007
41	10/26/2015	10:07:57	0.006
42	10/26/2015	10:08:57	0.005
43	10/26/2015	10:09:57	0.006
44	10/26/2015	10:10:57	0.007
45	10/26/2015	10:11:57	0.006
46	10/26/2015	10:12:57	0.007
47	10/26/2015	10:13:57	0.007
48	10/26/2015	10:14:57	0.007
49	10/26/2015	10:15:57	0.010
50	10/26/2015	10:16:57	0.016
51	10/26/2015	10:17:57	0.019
52	10/26/2015	10:18:57	0.015
53	10/26/2015	10:19:57	0.005
54	10/26/2015	10:20:57	0.007
55	10/26/2015	10:21:57	0.004
56	10/26/2015	10:22:57	0.004
57	10/26/2015	10:23:57	0.005
58	10/26/2015	10:24:57	0.004
59	10/26/2015	10:25:57	0.006
60	10/26/2015	10:26:57	0.006
61	10/26/2015	10:27:57	0.005
62	10/26/2015	10:28:57	0.006
63	10/26/2015	10:29:57	0.005
64	10/26/2015	10:30:57	0.004
65	10/26/2015	10:31:57	0.006
66	10/26/2015	10:32:57	0.005
67	10/26/2015	10:33:57	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	10/26/2015	10:34:57	0.004
69	10/26/2015	10:35:57	0.003
70	10/26/2015	10:36:57	0.005
71	10/26/2015	10:37:57	0.008
72	10/26/2015	10:38:57	0.005
73	10/26/2015	10:39:57	0.004
74	10/26/2015	10:40:57	0.004
75	10/26/2015	10:41:57	0.004
76	10/26/2015	10:42:57	0.004
77	10/26/2015	10:43:57	0.004
78	10/26/2015	10:44:57	0.004
79	10/26/2015	10:45:57	0.005
80	10/26/2015	10:46:57	0.006
81	10/26/2015	10:47:57	0.006
82	10/26/2015	10:48:57	0.006
83	10/26/2015	10:49:57	0.006
84	10/26/2015	10:50:57	0.005
85	10/26/2015	10:51:57	0.004
86	10/26/2015	10:52:57	0.005
87	10/26/2015	10:53:57	0.009
88	10/26/2015	10:54:57	0.006
89	10/26/2015	10:55:57	0.004
90	10/26/2015	10:56:57	0.004
91	10/26/2015	10:57:57	0.004
92	10/26/2015	10:58:57	0.004
93	10/26/2015	10:59:57	0.004
94	10/26/2015	11:00:57	0.004
95	10/26/2015	11:01:57	0.004
96	10/26/2015	11:02:57	0.006
97	10/26/2015	11:03:57	0.007
98	10/26/2015	11:04:57	0.005
99	10/26/2015	11:05:57	0.005
100	10/26/2015	11:06:57	0.004
101	10/26/2015	11:07:57	0.004
102	10/26/2015	11:08:57	0.004
103	10/26/2015	11:09:57	0.005
104	10/26/2015	11:10:57	0.005
105	10/26/2015	11:11:57	0.005
106	10/26/2015	11:12:57	0.006
107	10/26/2015	11:13:57	0.005
108	10/26/2015	11:14:57	0.005
109	10/26/2015	11:15:57	0.005
110	10/26/2015	11:16:57	0.006
111	10/26/2015	11:17:57	0.034
112	10/26/2015	11:18:57	0.010
113	10/26/2015	11:19:57	0.005

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	10/26/2015	11:20:57	0.006
115	10/26/2015	11:21:57	0.005
116	10/26/2015	11:22:57	0.006
117	10/26/2015	11:23:57	0.006
118	10/26/2015	11:24:57	0.006
119	10/26/2015	11:25:57	0.006
120	10/26/2015	11:26:57	0.005
121	10/26/2015	11:27:57	0.006
122	10/26/2015	11:28:57	0.007
123	10/26/2015	11:29:57	0.006
124	10/26/2015	11:30:57	0.006
125	10/26/2015	11:31:57	0.005
126	10/26/2015	11:32:57	0.004
127	10/26/2015	11:33:57	0.003
128	10/26/2015	11:34:57	0.004
129	10/26/2015	11:35:57	0.003
130	10/26/2015	11:36:57	0.007
131	10/26/2015	11:37:57	0.007
132	10/26/2015	11:38:57	0.008
133	10/26/2015	11:39:57	0.006
134	10/26/2015	11:40:57	0.005
135	10/26/2015	11:41:57	0.004
136	10/26/2015	11:42:57	0.003
137	10/26/2015	11:43:57	0.005
138	10/26/2015	11:44:57	0.003
139	10/26/2015	11:45:57	0.003
140	10/26/2015	11:46:57	0.004
141	10/26/2015	11:47:57	0.003
142	10/26/2015	11:48:57	0.004
143	10/26/2015	11:49:57	0.003
144	10/26/2015	11:50:57	0.003
145	10/26/2015	11:51:57	0.003
146	10/26/2015	11:52:57	0.003
147	10/26/2015	11:53:57	0.004
148	10/26/2015	11:54:57	0.004
149	10/26/2015	11:55:57	0.005
150	10/26/2015	11:56:57	0.005
151	10/26/2015	11:57:57	0.004
152	10/26/2015	11:58:57	0.004
153	10/26/2015	11:59:57	0.005
154	10/26/2015	12:00:57	0.005
155	10/26/2015	12:01:57	0.004
156	10/26/2015	12:02:57	0.003
157	10/26/2015	12:03:57	0.004
158	10/26/2015	12:04:57	0.004
159	10/26/2015	12:05:57	0.004

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	10/26/2015	12:06:57	0.004
161	10/26/2015	12:07:57	0.004
162	10/26/2015	12:08:57	0.004
163	10/26/2015	12:09:57	0.005
164	10/26/2015	12:10:57	0.005
165	10/26/2015	12:11:57	0.005
166	10/26/2015	12:12:57	0.005
167	10/26/2015	12:13:57	0.005
168	10/26/2015	12:14:57	0.006
169	10/26/2015	12:15:57	0.005
170	10/26/2015	12:16:57	0.005
171	10/26/2015	12:17:57	0.003
172	10/26/2015	12:18:57	0.003
173	10/26/2015	12:19:57	0.003
174	10/26/2015	12:20:57	0.003
175	10/26/2015	12:21:57	0.003
176	10/26/2015	12:22:57	0.003
177	10/26/2015	12:23:57	0.003
178	10/26/2015	12:24:57	0.005
179	10/26/2015	12:25:57	0.004
180	10/26/2015	12:26:57	0.003
181	10/26/2015	12:27:57	0.004
182	10/26/2015	12:28:57	0.005
183	10/26/2015	12:29:57	0.004
184	10/26/2015	12:30:57	0.003
185	10/26/2015	12:31:57	0.003
186	10/26/2015	12:32:57	0.003
187	10/26/2015	12:33:57	0.003
188	10/26/2015	12:34:57	0.003
189	10/26/2015	12:35:57	0.004
190	10/26/2015	12:36:57	0.003
191	10/26/2015	12:37:57	0.004
192	10/26/2015	12:38:57	0.004
193	10/26/2015	12:39:57	0.004
194	10/26/2015	12:40:57	0.006
195	10/26/2015	12:41:57	0.008
196	10/26/2015	12:42:57	0.007
197	10/26/2015	12:43:57	0.005
198	10/26/2015	12:44:57	0.004
199	10/26/2015	12:45:57	0.004
200	10/26/2015	12:46:57	0.004
201	10/26/2015	12:47:57	0.004
202	10/26/2015	12:48:57	0.005
203	10/26/2015	12:49:57	0.004
204	10/26/2015	12:50:57	0.006
205	10/26/2015	12:51:57	0.005

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	10/26/2015	12:52:57	0.004
207	10/26/2015	12:53:57	0.005
208	10/26/2015	12:54:57	0.004
209	10/26/2015	12:55:57	0.004
210	10/26/2015	12:56:57	0.005
211	10/26/2015	12:57:57	0.004
212	10/26/2015	12:58:57	0.004
213	10/26/2015	12:59:57	0.004
214	10/26/2015	13:00:57	0.005
215	10/26/2015	13:01:57	0.006
216	10/26/2015	13:02:57	0.005
217	10/26/2015	13:03:57	0.005
218	10/26/2015	13:04:57	0.011
219	10/26/2015	13:05:57	0.005
220	10/26/2015	13:06:57	0.004
221	10/26/2015	13:07:57	0.004
222	10/26/2015	13:08:57	0.005
223	10/26/2015	13:09:57	0.005
224	10/26/2015	13:10:57	0.008
225	10/26/2015	13:11:57	0.005
226	10/26/2015	13:12:57	0.006
227	10/26/2015	13:13:57	0.005
228	10/26/2015	13:14:57	0.005
229	10/26/2015	13:15:57	0.004
230	10/26/2015	13:16:57	0.005
231	10/26/2015	13:17:57	0.004
232	10/26/2015	13:18:57	0.005
233	10/26/2015	13:19:57	0.005
234	10/26/2015	13:20:57	0.006
235	10/26/2015	13:21:57	0.005
236	10/26/2015	13:22:57	0.005
237	10/26/2015	13:23:57	0.003
238	10/26/2015	13:24:57	0.005
239	10/26/2015	13:25:57	0.004
240	10/26/2015	13:26:57	0.007
241	10/26/2015	13:27:57	0.004
242	10/26/2015	13:28:57	0.003
243	10/26/2015	13:29:57	0.009
244	10/26/2015	13:30:57	0.007
245	10/26/2015	13:31:57	0.008
246	10/26/2015	13:32:57	0.005
247	10/26/2015	13:33:57	0.003
248	10/26/2015	13:34:57	0.003
249	10/26/2015	13:35:57	0.004
250	10/26/2015	13:36:57	0.003
251	10/26/2015	13:37:57	0.004

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	10/26/2015	13:38:57	0.003
253	10/26/2015	13:39:57	0.003
254	10/26/2015	13:40:57	0.003
255	10/26/2015	13:41:57	0.006
256	10/26/2015	13:42:57	0.008
257	10/26/2015	13:43:57	0.005
258	10/26/2015	13:44:57	0.004
259	10/26/2015	13:45:57	0.004
260	10/26/2015	13:46:57	0.002
261	10/26/2015	13:47:57	0.004
262	10/26/2015	13:48:57	0.003
263	10/26/2015	13:49:57	0.002
264	10/26/2015	13:50:57	0.003
265	10/26/2015	13:51:57	0.002
266	10/26/2015	13:52:57	0.003
267	10/26/2015	13:53:57	0.003
268	10/26/2015	13:54:57	0.002
269	10/26/2015	13:55:57	0.002
270	10/26/2015	13:56:57	0.003
271	10/26/2015	13:57:57	0.003
272	10/26/2015	13:58:57	0.004
273	10/26/2015	13:59:57	0.004
274	10/26/2015	14:00:57	0.006
275	10/26/2015	14:01:57	0.004
276	10/26/2015	14:02:57	0.007
277	10/26/2015	14:03:57	0.003
278	10/26/2015	14:04:57	0.007
279	10/26/2015	14:05:57	0.009
280	10/26/2015	14:06:57	0.010
281	10/26/2015	14:07:57	0.014
282	10/26/2015	14:08:57	0.009
283	10/26/2015	14:09:57	0.008
284	10/26/2015	14:10:57	0.007
285	10/26/2015	14:11:57	0.009
286	10/26/2015	14:12:57	0.007
287	10/26/2015	14:13:57	0.008
288	10/26/2015	14:14:57	0.029
289	10/26/2015	14:15:57	0.017
290	10/26/2015	14:16:57	0.013
291	10/26/2015	14:17:57	0.005
292	10/26/2015	14:18:57	0.013
293	10/26/2015	14:19:57	0.013
294	10/26/2015	14:20:57	0.012
295	10/26/2015	14:21:57	0.007
296	10/26/2015	14:22:57	0.014
297	10/26/2015	14:23:57	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	10/26/2015	14:24:57	0.006
299	10/26/2015	14:25:57	0.010
300	10/26/2015	14:26:57	0.014
301	10/26/2015	14:27:57	0.012
302	10/26/2015	14:28:57	0.006
303	10/26/2015	14:29:57	0.015
304	10/26/2015	14:30:57	0.009
305	10/26/2015	14:31:57	0.016
306	10/26/2015	14:32:57	0.011
307	10/26/2015	14:33:57	0.005
308	10/26/2015	14:34:57	0.005
309	10/26/2015	14:35:57	0.007
310	10/26/2015	14:36:57	0.005
311	10/26/2015	14:37:57	0.005
312	10/26/2015	14:38:57	0.005
313	10/26/2015	14:39:57	0.006
314	10/26/2015	14:40:57	0.006
315	10/26/2015	14:41:57	0.005
316	10/26/2015	14:42:57	0.006
317	10/26/2015	14:43:57	0.005
318	10/26/2015	14:44:57	0.005
319	10/26/2015	14:45:57	0.005
320	10/26/2015	14:46:57	0.004
321	10/26/2015	14:47:57	0.004
322	10/26/2015	14:48:57	0.005
323	10/26/2015	14:49:57	0.007
324	10/26/2015	14:50:57	0.005
325	10/26/2015	14:51:57	0.003
326	10/26/2015	14:52:57	0.007
327	10/26/2015	14:53:57	0.007
328	10/26/2015	14:54:57	0.008
329	10/26/2015	14:55:57	0.008
330	10/26/2015	14:56:57	0.010
331	10/26/2015	14:57:57	0.007
332	10/26/2015	14:58:57	0.005
333	10/26/2015	14:59:57	0.005
334	10/26/2015	15:00:57	0.007
335	10/26/2015	15:01:57	0.004
336	10/26/2015	15:02:57	0.003
337	10/26/2015	15:03:57	0.003
338	10/26/2015	15:04:57	0.006
339	10/26/2015	15:05:57	0.013
340	10/26/2015	15:06:57	0.017
341	10/26/2015	15:07:57	0.012
342	10/26/2015	15:08:57	0.011
343	10/26/2015	15:09:57	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	10/26/2015	15:10:57	0.005
345	10/26/2015	15:11:57	0.004
346	10/26/2015	15:12:57	0.004
347	10/26/2015	15:13:57	0.005
348	10/26/2015	15:14:57	0.005
349	10/26/2015	15:15:57	0.004
350	10/26/2015	15:16:57	0.005
351	10/26/2015	15:17:57	0.004
352	10/26/2015	15:18:57	0.004
353	10/26/2015	15:19:57	0.004
354	10/26/2015	15:20:57	0.004
355	10/26/2015	15:21:57	0.004
356	10/26/2015	15:22:57	0.004
357	10/26/2015	15:23:57	0.005
358	10/26/2015	15:24:57	0.005
359	10/26/2015	15:25:57	0.005
360	10/26/2015	15:26:57	0.005
361	10/26/2015	15:27:57	0.005
362	10/26/2015	15:28:57	0.006
363	10/26/2015	15:29:57	0.010
364	10/26/2015	15:30:57	0.006
365	10/26/2015	15:31:57	0.005
366	10/26/2015	15:32:57	0.005
367	10/26/2015	15:33:57	0.005
368	10/26/2015	15:34:57	0.004
369	10/26/2015	15:35:57	0.005
370	10/26/2015	15:36:57	0.006
371	10/26/2015	15:37:57	0.005
372	10/26/2015	15:38:57	0.005
373	10/26/2015	15:39:57	0.005
374	10/26/2015	15:40:57	0.004
375	10/26/2015	15:41:57	0.004
376	10/26/2015	15:42:57	0.004
377	10/26/2015	15:43:57	0.005
378	10/26/2015	15:44:57	0.005
379	10/26/2015	15:45:57	0.005
380	10/26/2015	15:46:57	0.005
381	10/26/2015	15:47:57	0.005
382	10/26/2015	15:48:57	0.004
383	10/26/2015	15:49:57	0.004
384	10/26/2015	15:50:57	0.004
385	10/26/2015	15:51:57	0.004
386	10/26/2015	15:52:57	0.004
387	10/26/2015	15:53:57	0.005
388	10/26/2015	15:54:57	0.005
389	10/26/2015	15:55:57	0.005

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
390	10/26/2015	15:56:57	0.009
391	10/26/2015	15:57:57	0.005
392	10/26/2015	15:58:57	0.004
393	10/26/2015	15:59:57	0.005
394	10/26/2015	16:00:57	0.005
395	10/26/2015	16:01:57	0.005
396	10/26/2015	16:02:57	0.005
397	10/26/2015	16:03:57	0.005
398	10/26/2015	16:04:57	0.005
399	10/26/2015	16:05:57	0.005
400	10/26/2015	16:06:57	0.005
401	10/26/2015	16:07:57	0.005
402	10/26/2015	16:08:57	0.005
403	10/26/2015	16:09:57	0.005
404	10/26/2015	16:10:57	0.005
405	10/26/2015	16:11:57	0.006
406	10/26/2015	16:12:57	0.005
407	10/26/2015	16:13:57	0.005
408	10/26/2015	16:14:57	0.007
409	10/26/2015	16:15:57	0.006
410	10/26/2015	16:16:57	0.006
411	10/26/2015	16:17:57	0.006
412	10/26/2015	16:18:57	0.006
413	10/26/2015	16:19:57	0.005
414	10/26/2015	16:20:57	0.005
415	10/26/2015	16:21:57	0.005
416	10/26/2015	16:22:57	0.009
417	10/26/2015	16:23:57	0.009
418	10/26/2015	16:24:57	0.006
419	10/26/2015	16:25:57	0.006

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/27/2015
Instrument S/N	8530143324	Start Time	08:30:14
		Stop Date	10/27/2015
		Stop Time	14:49:14
		Total Time	0:06:19:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.015 mg/m^3
Max	0.054 mg/m^3
Max Date	10/27/2015
Max Time	08:39:14
Min	0.002 mg/m^3
Min Date	10/27/2015
Min Time	12:32:14
TWA (8 hr)	0.012
TWA Start Date	10/27/2015
TWA Start Time	08:30:14
TWA End Time	14:49:14

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/27/2015	08:31:14	0.045
2	10/27/2015	08:32:14	0.025
3	10/27/2015	08:33:14	0.024
4	10/27/2015	08:34:14	0.023
5	10/27/2015	08:35:14	0.024
6	10/27/2015	08:36:14	0.032
7	10/27/2015	08:37:14	0.041
8	10/27/2015	08:38:14	0.041
9	10/27/2015	08:39:14	0.054
10	10/27/2015	08:40:14	0.037
11	10/27/2015	08:41:14	0.034
12	10/27/2015	08:42:14	0.049
13	10/27/2015	08:43:14	0.035
14	10/27/2015	08:44:14	0.026
15	10/27/2015	08:45:14	0.030
16	10/27/2015	08:46:14	0.044
17	10/27/2015	08:47:14	0.026
18	10/27/2015	08:48:14	0.027
19	10/27/2015	08:49:14	0.029
20	10/27/2015	08:50:14	0.028
21	10/27/2015	08:51:14	0.026

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	10/27/2015	08:52:14	0.026
23	10/27/2015	08:53:14	0.023
24	10/27/2015	08:54:14	0.023
25	10/27/2015	08:55:14	0.023
26	10/27/2015	08:56:14	0.022
27	10/27/2015	08:57:14	0.022
28	10/27/2015	08:58:14	0.025
29	10/27/2015	08:59:14	0.023
30	10/27/2015	09:00:14	0.023
31	10/27/2015	09:01:14	0.022
32	10/27/2015	09:02:14	0.023
33	10/27/2015	09:03:14	0.023
34	10/27/2015	09:04:14	0.024
35	10/27/2015	09:05:14	0.024
36	10/27/2015	09:06:14	0.022
37	10/27/2015	09:07:14	0.023
38	10/27/2015	09:08:14	0.021
39	10/27/2015	09:09:14	0.021
40	10/27/2015	09:10:14	0.022
41	10/27/2015	09:11:14	0.021
42	10/27/2015	09:12:14	0.023
43	10/27/2015	09:13:14	0.023
44	10/27/2015	09:14:14	0.022
45	10/27/2015	09:15:14	0.024
46	10/27/2015	09:16:14	0.023
47	10/27/2015	09:17:14	0.037
48	10/27/2015	09:18:14	0.036
49	10/27/2015	09:19:14	0.023
50	10/27/2015	09:20:14	0.021
51	10/27/2015	09:21:14	0.024
52	10/27/2015	09:22:14	0.024
53	10/27/2015	09:23:14	0.024
54	10/27/2015	09:24:14	0.034
55	10/27/2015	09:25:14	0.026
56	10/27/2015	09:26:14	0.027
57	10/27/2015	09:27:14	0.041
58	10/27/2015	09:28:14	0.026
59	10/27/2015	09:29:14	0.025
60	10/27/2015	09:30:14	0.025
61	10/27/2015	09:31:14	0.029
62	10/27/2015	09:32:14	0.024
63	10/27/2015	09:33:14	0.024
64	10/27/2015	09:34:14	0.029
65	10/27/2015	09:35:14	0.035
66	10/27/2015	09:36:14	0.028
67	10/27/2015	09:37:14	0.024

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	10/27/2015	09:38:14	0.022
69	10/27/2015	09:39:14	0.023
70	10/27/2015	09:40:14	0.022
71	10/27/2015	09:41:14	0.017
72	10/27/2015	09:42:14	0.021
73	10/27/2015	09:43:14	0.023
74	10/27/2015	09:44:14	0.017
75	10/27/2015	09:45:14	0.017
76	10/27/2015	09:46:14	0.018
77	10/27/2015	09:47:14	0.017
78	10/27/2015	09:48:14	0.019
79	10/27/2015	09:49:14	0.019
80	10/27/2015	09:50:14	0.021
81	10/27/2015	09:51:14	0.018
82	10/27/2015	09:52:14	0.017
83	10/27/2015	09:53:14	0.020
84	10/27/2015	09:54:14	0.022
85	10/27/2015	09:55:14	0.025
86	10/27/2015	09:56:14	0.021
87	10/27/2015	09:57:14	0.023
88	10/27/2015	09:58:14	0.019
89	10/27/2015	09:59:14	0.018
90	10/27/2015	10:00:14	0.019
91	10/27/2015	10:01:14	0.017
92	10/27/2015	10:02:14	0.025
93	10/27/2015	10:03:14	0.020
94	10/27/2015	10:04:14	0.017
95	10/27/2015	10:05:14	0.014
96	10/27/2015	10:06:14	0.014
97	10/27/2015	10:07:14	0.014
98	10/27/2015	10:08:14	0.016
99	10/27/2015	10:09:14	0.021
100	10/27/2015	10:10:14	0.014
101	10/27/2015	10:11:14	0.021
102	10/27/2015	10:12:14	0.013
103	10/27/2015	10:13:14	0.012
104	10/27/2015	10:14:14	0.012
105	10/27/2015	10:15:14	0.015
106	10/27/2015	10:16:14	0.018
107	10/27/2015	10:17:14	0.012
108	10/27/2015	10:18:14	0.015
109	10/27/2015	10:19:14	0.012
110	10/27/2015	10:20:14	0.012
111	10/27/2015	10:21:14	0.013
112	10/27/2015	10:22:14	0.014
113	10/27/2015	10:23:14	0.012

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	10/27/2015	10:24:14	0.014
115	10/27/2015	10:25:14	0.016
116	10/27/2015	10:26:14	0.012
117	10/27/2015	10:27:14	0.017
118	10/27/2015	10:28:14	0.012
119	10/27/2015	10:29:14	0.011
120	10/27/2015	10:30:14	0.013
121	10/27/2015	10:31:14	0.015
122	10/27/2015	10:32:14	0.026
123	10/27/2015	10:33:14	0.020
124	10/27/2015	10:34:14	0.014
125	10/27/2015	10:35:14	0.012
126	10/27/2015	10:36:14	0.013
127	10/27/2015	10:37:14	0.014
128	10/27/2015	10:38:14	0.012
129	10/27/2015	10:39:14	0.014
130	10/27/2015	10:40:14	0.012
131	10/27/2015	10:41:14	0.013
132	10/27/2015	10:42:14	0.013
133	10/27/2015	10:43:14	0.047
134	10/27/2015	10:44:14	0.015
135	10/27/2015	10:45:14	0.013
136	10/27/2015	10:46:14	0.012
137	10/27/2015	10:47:14	0.011
138	10/27/2015	10:48:14	0.012
139	10/27/2015	10:49:14	0.011
140	10/27/2015	10:50:14	0.013
141	10/27/2015	10:51:14	0.014
142	10/27/2015	10:52:14	0.012
143	10/27/2015	10:53:14	0.015
144	10/27/2015	10:54:14	0.013
145	10/27/2015	10:55:14	0.017
146	10/27/2015	10:56:14	0.025
147	10/27/2015	10:57:14	0.022
148	10/27/2015	10:58:14	0.013
149	10/27/2015	10:59:14	0.019
150	10/27/2015	11:00:14	0.019
151	10/27/2015	11:01:14	0.019
152	10/27/2015	11:02:14	0.012
153	10/27/2015	11:03:14	0.020
154	10/27/2015	11:04:14	0.019
155	10/27/2015	11:05:14	0.024
156	10/27/2015	11:06:14	0.018
157	10/27/2015	11:07:14	0.014
158	10/27/2015	11:08:14	0.022
159	10/27/2015	11:09:14	0.015

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	10/27/2015	11:10:14	0.012
161	10/27/2015	11:11:14	0.012
162	10/27/2015	11:12:14	0.011
163	10/27/2015	11:13:14	0.013
164	10/27/2015	11:14:14	0.013
165	10/27/2015	11:15:14	0.020
166	10/27/2015	11:16:14	0.026
167	10/27/2015	11:17:14	0.021
168	10/27/2015	11:18:14	0.016
169	10/27/2015	11:19:14	0.019
170	10/27/2015	11:20:14	0.018
171	10/27/2015	11:21:14	0.018
172	10/27/2015	11:22:14	0.013
173	10/27/2015	11:23:14	0.016
174	10/27/2015	11:24:14	0.022
175	10/27/2015	11:25:14	0.013
176	10/27/2015	11:26:14	0.011
177	10/27/2015	11:27:14	0.016
178	10/27/2015	11:28:14	0.019
179	10/27/2015	11:29:14	0.011
180	10/27/2015	11:30:14	0.015
181	10/27/2015	11:31:14	0.049
182	10/27/2015	11:32:14	0.022
183	10/27/2015	11:33:14	0.026
184	10/27/2015	11:34:14	0.013
185	10/27/2015	11:35:14	0.014
186	10/27/2015	11:36:14	0.016
187	10/27/2015	11:37:14	0.044
188	10/27/2015	11:38:14	0.017
189	10/27/2015	11:39:14	0.026
190	10/27/2015	11:40:14	0.031
191	10/27/2015	11:41:14	0.027
192	10/27/2015	11:42:14	0.013
193	10/27/2015	11:43:14	0.015
194	10/27/2015	11:44:14	0.015
195	10/27/2015	11:45:14	0.021
196	10/27/2015	11:46:14	0.028
197	10/27/2015	11:47:14	0.024
198	10/27/2015	11:48:14	0.023
199	10/27/2015	11:49:14	0.022
200	10/27/2015	11:50:14	0.015
201	10/27/2015	11:51:14	0.014
202	10/27/2015	11:52:14	0.016
203	10/27/2015	11:53:14	0.015
204	10/27/2015	11:54:14	0.017
205	10/27/2015	11:55:14	0.020

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	10/27/2015	11:56:14	0.014
207	10/27/2015	11:57:14	0.012
208	10/27/2015	11:58:14	0.014
209	10/27/2015	11:59:14	0.013
210	10/27/2015	12:00:14	0.024
211	10/27/2015	12:01:14	0.011
212	10/27/2015	12:02:14	0.010
213	10/27/2015	12:03:14	0.013
214	10/27/2015	12:04:14	0.015
215	10/27/2015	12:05:14	0.014
216	10/27/2015	12:06:14	0.014
217	10/27/2015	12:07:14	0.014
218	10/27/2015	12:08:14	0.012
219	10/27/2015	12:09:14	0.010
220	10/27/2015	12:10:14	0.008
221	10/27/2015	12:11:14	0.009
222	10/27/2015	12:12:14	0.009
223	10/27/2015	12:13:14	0.010
224	10/27/2015	12:14:14	0.009
225	10/27/2015	12:15:14	0.006
226	10/27/2015	12:16:14	0.004
227	10/27/2015	12:17:14	0.005
228	10/27/2015	12:18:14	0.004
229	10/27/2015	12:19:14	0.004
230	10/27/2015	12:20:14	0.004
231	10/27/2015	12:21:14	0.005
232	10/27/2015	12:22:14	0.004
233	10/27/2015	12:23:14	0.003
234	10/27/2015	12:24:14	0.005
235	10/27/2015	12:25:14	0.005
236	10/27/2015	12:26:14	0.006
237	10/27/2015	12:27:14	0.006
238	10/27/2015	12:28:14	0.007
239	10/27/2015	12:29:14	0.011
240	10/27/2015	12:30:14	0.004
241	10/27/2015	12:31:14	0.003
242	10/27/2015	12:32:14	0.002
243	10/27/2015	12:33:14	0.003
244	10/27/2015	12:34:14	0.003
245	10/27/2015	12:35:14	0.005
246	10/27/2015	12:36:14	0.004
247	10/27/2015	12:37:14	0.005
248	10/27/2015	12:38:14	0.004
249	10/27/2015	12:39:14	0.004
250	10/27/2015	12:40:14	0.005
251	10/27/2015	12:41:14	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	10/27/2015	12:42:14	0.006
253	10/27/2015	12:43:14	0.009
254	10/27/2015	12:44:14	0.005
255	10/27/2015	12:45:14	0.009
256	10/27/2015	12:46:14	0.007
257	10/27/2015	12:47:14	0.014
258	10/27/2015	12:48:14	0.022
259	10/27/2015	12:49:14	0.007
260	10/27/2015	12:50:14	0.008
261	10/27/2015	12:51:14	0.009
262	10/27/2015	12:52:14	0.011
263	10/27/2015	12:53:14	0.015
264	10/27/2015	12:54:14	0.014
265	10/27/2015	12:55:14	0.006
266	10/27/2015	12:56:14	0.004
267	10/27/2015	12:57:14	0.003
268	10/27/2015	12:58:14	0.005
269	10/27/2015	12:59:14	0.005
270	10/27/2015	13:00:14	0.007
271	10/27/2015	13:01:14	0.005
272	10/27/2015	13:02:14	0.007
273	10/27/2015	13:03:14	0.006
274	10/27/2015	13:04:14	0.004
275	10/27/2015	13:05:14	0.003
276	10/27/2015	13:06:14	0.005
277	10/27/2015	13:07:14	0.006
278	10/27/2015	13:08:14	0.006
279	10/27/2015	13:09:14	0.007
280	10/27/2015	13:10:14	0.005
281	10/27/2015	13:11:14	0.003
282	10/27/2015	13:12:14	0.003
283	10/27/2015	13:13:14	0.003
284	10/27/2015	13:14:14	0.004
285	10/27/2015	13:15:14	0.008
286	10/27/2015	13:16:14	0.009
287	10/27/2015	13:17:14	0.026
288	10/27/2015	13:18:14	0.005
289	10/27/2015	13:19:14	0.005
290	10/27/2015	13:20:14	0.005
291	10/27/2015	13:21:14	0.006
292	10/27/2015	13:22:14	0.006
293	10/27/2015	13:23:14	0.005
294	10/27/2015	13:24:14	0.004
295	10/27/2015	13:25:14	0.003
296	10/27/2015	13:26:14	0.004
297	10/27/2015	13:27:14	0.005

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	10/27/2015	13:28:14	0.007
299	10/27/2015	13:29:14	0.008
300	10/27/2015	13:30:14	0.005
301	10/27/2015	13:31:14	0.010
302	10/27/2015	13:32:14	0.006
303	10/27/2015	13:33:14	0.011
304	10/27/2015	13:34:14	0.005
305	10/27/2015	13:35:14	0.004
306	10/27/2015	13:36:14	0.004
307	10/27/2015	13:37:14	0.006
308	10/27/2015	13:38:14	0.006
309	10/27/2015	13:39:14	0.006
310	10/27/2015	13:40:14	0.006
311	10/27/2015	13:41:14	0.005
312	10/27/2015	13:42:14	0.005
313	10/27/2015	13:43:14	0.006
314	10/27/2015	13:44:14	0.005
315	10/27/2015	13:45:14	0.006
316	10/27/2015	13:46:14	0.007
317	10/27/2015	13:47:14	0.008
318	10/27/2015	13:48:14	0.005
319	10/27/2015	13:49:14	0.005
320	10/27/2015	13:50:14	0.010
321	10/27/2015	13:51:14	0.012
322	10/27/2015	13:52:14	0.009
323	10/27/2015	13:53:14	0.004
324	10/27/2015	13:54:14	0.005
325	10/27/2015	13:55:14	0.004
326	10/27/2015	13:56:14	0.004
327	10/27/2015	13:57:14	0.006
328	10/27/2015	13:58:14	0.008
329	10/27/2015	13:59:14	0.007
330	10/27/2015	14:00:14	0.006
331	10/27/2015	14:01:14	0.024
332	10/27/2015	14:02:14	0.015
333	10/27/2015	14:03:14	0.005
334	10/27/2015	14:04:14	0.005
335	10/27/2015	14:05:14	0.015
336	10/27/2015	14:06:14	0.005
337	10/27/2015	14:07:14	0.005
338	10/27/2015	14:08:14	0.004
339	10/27/2015	14:09:14	0.004
340	10/27/2015	14:10:14	0.004
341	10/27/2015	14:11:14	0.008
342	10/27/2015	14:12:14	0.004
343	10/27/2015	14:13:14	0.004

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	10/27/2015	14:14:14	0.004
345	10/27/2015	14:15:14	0.005
346	10/27/2015	14:16:14	0.005
347	10/27/2015	14:17:14	0.004
348	10/27/2015	14:18:14	0.005
349	10/27/2015	14:19:14	0.006
350	10/27/2015	14:20:14	0.010
351	10/27/2015	14:21:14	0.006
352	10/27/2015	14:22:14	0.006
353	10/27/2015	14:23:14	0.006
354	10/27/2015	14:24:14	0.008
355	10/27/2015	14:25:14	0.011
356	10/27/2015	14:26:14	0.004
357	10/27/2015	14:27:14	0.004
358	10/27/2015	14:28:14	0.005
359	10/27/2015	14:29:14	0.005
360	10/27/2015	14:30:14	0.005
361	10/27/2015	14:31:14	0.008
362	10/27/2015	14:32:14	0.009
363	10/27/2015	14:33:14	0.008
364	10/27/2015	14:34:14	0.013
365	10/27/2015	14:35:14	0.012
366	10/27/2015	14:36:14	0.008
367	10/27/2015	14:37:14	0.009
368	10/27/2015	14:38:14	0.015
369	10/27/2015	14:39:14	0.014
370	10/27/2015	14:40:14	0.008
371	10/27/2015	14:41:14	0.010
372	10/27/2015	14:42:14	0.008
373	10/27/2015	14:43:14	0.006
374	10/27/2015	14:44:14	0.008
375	10/27/2015	14:45:14	0.009
376	10/27/2015	14:46:14	0.006
377	10/27/2015	14:47:14	0.008
378	10/27/2015	14:48:14	0.008
379	10/27/2015	14:49:14	0.023

RI Dust Data

Instrument [S/N]	Test #	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
DustTrak II 8530143315	002	10/23/2015	08:38:35	0:07:21:00	0.010	mg/m^3	AEROSOL	0.083	0.001
DustTrak II 8530143315	003	10/26/2015	09:26:22	0:06:59:00	0.008	mg/m^3	AEROSOL	0.255	0.003
DustTrak II 8530143315	004	10/27/2015	08:29:10	0:06:22:00	0.013	mg/m^3	AEROSOL	0.049	0.002
DustTrak II 8530143315	001	10/22/2015	09:58:34	0:06:30:00	0.042	mg/m^3	AEROSOL	0.073	0.023

Test 001

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/22/2015
Instrument S/N	8530143315	Start Time	09:58:34
		Stop Date	10/22/2015
		Stop Time	16:28:34
		Total Time	0:06:30:00
		Logging Interval	900 seconds

Statistics	
	AEROSOL
Avg	0.042 mg/m^3
Max	0.073 mg/m^3
Max Date	10/22/2015
Max Time	10:13:34
Min	0.023 mg/m^3
Min Date	10/22/2015
Min Time	15:13:34
TWA (8 hr)	0.034
TWA Start Date	10/22/2015
TWA Start Time	09:58:34
TWA End Time	16:28:34

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/22/2015	10:13:34	0.073
2	10/22/2015	10:28:34	0.067
3	10/22/2015	10:43:34	0.067
4	10/22/2015	10:58:34	0.066
5	10/22/2015	11:13:34	0.067
6	10/22/2015	11:28:34	0.059
7	10/22/2015	11:43:34	0.055
8	10/22/2015	11:58:34	0.053
9	10/22/2015	12:13:34	0.048
10	10/22/2015	12:28:34	0.050
11	10/22/2015	12:43:34	0.047
12	10/22/2015	12:58:34	0.041
13	10/22/2015	13:13:34	0.041
14	10/22/2015	13:28:34	0.037
15	10/22/2015	13:43:34	0.034
16	10/22/2015	13:58:34	0.031
17	10/22/2015	14:13:34	0.029
18	10/22/2015	14:28:34	0.028
19	10/22/2015	14:43:34	0.026
20	10/22/2015	14:58:34	0.025
21	10/22/2015	15:13:34	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	10/22/2015	15:28:34	0.025
23	10/22/2015	15:43:34	0.025
24	10/22/2015	15:58:34	0.023
25	10/22/2015	16:13:34	0.029
26	10/22/2015	16:28:34	0.025

Test 002

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/23/2015
Instrument S/N	8530143315	Start Time	08:38:35
		Stop Date	10/23/2015
		Stop Time	15:59:35
		Total Time	0:07:21:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.010 mg/m^3
Max	0.083 mg/m^3
Max Date	10/23/2015
Max Time	08:51:35
Min	0.001 mg/m^3
Min Date	10/23/2015
Min Time	14:38:35
TWA (8 hr)	0.009
TWA Start Date	10/23/2015
TWA Start Time	08:38:35
TWA End Time	15:59:35

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/23/2015	08:39:35	0.025
2	10/23/2015	08:40:35	0.012
3	10/23/2015	08:41:35	0.012
4	10/23/2015	08:42:35	0.011
5	10/23/2015	08:43:35	0.009
6	10/23/2015	08:44:35	0.011
7	10/23/2015	08:45:35	0.011
8	10/23/2015	08:46:35	0.008
9	10/23/2015	08:47:35	0.008
10	10/23/2015	08:48:35	0.010
11	10/23/2015	08:49:35	0.008
12	10/23/2015	08:50:35	0.010
13	10/23/2015	08:51:35	0.083
14	10/23/2015	08:52:35	0.015
15	10/23/2015	08:53:35	0.021
16	10/23/2015	08:54:35	0.015
17	10/23/2015	08:55:35	0.020
18	10/23/2015	08:56:35	0.027
19	10/23/2015	08:57:35	0.031
20	10/23/2015	08:58:35	0.047
21	10/23/2015	08:59:35	0.013

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	10/23/2015	09:00:35	0.022
23	10/23/2015	09:01:35	0.009
24	10/23/2015	09:02:35	0.009
25	10/23/2015	09:03:35	0.012
26	10/23/2015	09:04:35	0.008
27	10/23/2015	09:05:35	0.010
28	10/23/2015	09:06:35	0.013
29	10/23/2015	09:07:35	0.009
30	10/23/2015	09:08:35	0.008
31	10/23/2015	09:09:35	0.012
32	10/23/2015	09:10:35	0.010
33	10/23/2015	09:11:35	0.010
34	10/23/2015	09:12:35	0.007
35	10/23/2015	09:13:35	0.008
36	10/23/2015	09:14:35	0.007
37	10/23/2015	09:15:35	0.009
38	10/23/2015	09:16:35	0.008
39	10/23/2015	09:17:35	0.006
40	10/23/2015	09:18:35	0.008
41	10/23/2015	09:19:35	0.007
42	10/23/2015	09:20:35	0.007
43	10/23/2015	09:21:35	0.013
44	10/23/2015	09:22:35	0.010
45	10/23/2015	09:23:35	0.009
46	10/23/2015	09:24:35	0.036
47	10/23/2015	09:25:35	0.006
48	10/23/2015	09:26:35	0.006
49	10/23/2015	09:27:35	0.008
50	10/23/2015	09:28:35	0.011
51	10/23/2015	09:29:35	0.022
52	10/23/2015	09:30:35	0.060
53	10/23/2015	09:31:35	0.013
54	10/23/2015	09:32:35	0.013
55	10/23/2015	09:33:35	0.026
56	10/23/2015	09:34:35	0.010
57	10/23/2015	09:35:35	0.009
58	10/23/2015	09:36:35	0.027
59	10/23/2015	09:37:35	0.016
60	10/23/2015	09:38:35	0.012
61	10/23/2015	09:39:35	0.017
62	10/23/2015	09:40:35	0.008
63	10/23/2015	09:41:35	0.007
64	10/23/2015	09:42:35	0.009
65	10/23/2015	09:43:35	0.023
66	10/23/2015	09:44:35	0.035
67	10/23/2015	09:45:35	0.014

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	10/23/2015	09:46:35	0.012
69	10/23/2015	09:47:35	0.011
70	10/23/2015	09:48:35	0.011
71	10/23/2015	09:49:35	0.010
72	10/23/2015	09:50:35	0.010
73	10/23/2015	09:51:35	0.005
74	10/23/2015	09:52:35	0.005
75	10/23/2015	09:53:35	0.005
76	10/23/2015	09:54:35	0.006
77	10/23/2015	09:55:35	0.015
78	10/23/2015	09:56:35	0.019
79	10/23/2015	09:57:35	0.014
80	10/23/2015	09:58:35	0.011
81	10/23/2015	09:59:35	0.016
82	10/23/2015	10:00:35	0.011
83	10/23/2015	10:01:35	0.019
84	10/23/2015	10:02:35	0.026
85	10/23/2015	10:03:35	0.030
86	10/23/2015	10:04:35	0.030
87	10/23/2015	10:05:35	0.007
88	10/23/2015	10:06:35	0.013
89	10/23/2015	10:07:35	0.015
90	10/23/2015	10:08:35	0.008
91	10/23/2015	10:09:35	0.007
92	10/23/2015	10:10:35	0.015
93	10/23/2015	10:11:35	0.007
94	10/23/2015	10:12:35	0.009
95	10/23/2015	10:13:35	0.007
96	10/23/2015	10:14:35	0.008
97	10/23/2015	10:15:35	0.049
98	10/23/2015	10:16:35	0.012
99	10/23/2015	10:17:35	0.009
100	10/23/2015	10:18:35	0.007
101	10/23/2015	10:19:35	0.007
102	10/23/2015	10:20:35	0.007
103	10/23/2015	10:21:35	0.007
104	10/23/2015	10:22:35	0.009
105	10/23/2015	10:23:35	0.009
106	10/23/2015	10:24:35	0.013
107	10/23/2015	10:25:35	0.014
108	10/23/2015	10:26:35	0.006
109	10/23/2015	10:27:35	0.018
110	10/23/2015	10:28:35	0.010
111	10/23/2015	10:29:35	0.009
112	10/23/2015	10:30:35	0.008
113	10/23/2015	10:31:35	0.016

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	10/23/2015	10:32:35	0.006
115	10/23/2015	10:33:35	0.007
116	10/23/2015	10:34:35	0.007
117	10/23/2015	10:35:35	0.005
118	10/23/2015	10:36:35	0.006
119	10/23/2015	10:37:35	0.005
120	10/23/2015	10:38:35	0.006
121	10/23/2015	10:39:35	0.009
122	10/23/2015	10:40:35	0.010
123	10/23/2015	10:41:35	0.009
124	10/23/2015	10:42:35	0.011
125	10/23/2015	10:43:35	0.016
126	10/23/2015	10:44:35	0.009
127	10/23/2015	10:45:35	0.007
128	10/23/2015	10:46:35	0.009
129	10/23/2015	10:47:35	0.012
130	10/23/2015	10:48:35	0.007
131	10/23/2015	10:49:35	0.006
132	10/23/2015	10:50:35	0.005
133	10/23/2015	10:51:35	0.005
134	10/23/2015	10:52:35	0.006
135	10/23/2015	10:53:35	0.015
136	10/23/2015	10:54:35	0.024
137	10/23/2015	10:55:35	0.007
138	10/23/2015	10:56:35	0.006
139	10/23/2015	10:57:35	0.007
140	10/23/2015	10:58:35	0.007
141	10/23/2015	10:59:35	0.012
142	10/23/2015	11:00:35	0.012
143	10/23/2015	11:01:35	0.010
144	10/23/2015	11:02:35	0.007
145	10/23/2015	11:03:35	0.006
146	10/23/2015	11:04:35	0.009
147	10/23/2015	11:05:35	0.009
148	10/23/2015	11:06:35	0.006
149	10/23/2015	11:07:35	0.004
150	10/23/2015	11:08:35	0.004
151	10/23/2015	11:09:35	0.004
152	10/23/2015	11:10:35	0.004
153	10/23/2015	11:11:35	0.004
154	10/23/2015	11:12:35	0.004
155	10/23/2015	11:13:35	0.004
156	10/23/2015	11:14:35	0.005
157	10/23/2015	11:15:35	0.007
158	10/23/2015	11:16:35	0.005
159	10/23/2015	11:17:35	0.005

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	10/23/2015	11:18:35	0.005
161	10/23/2015	11:19:35	0.006
162	10/23/2015	11:20:35	0.008
163	10/23/2015	11:21:35	0.009
164	10/23/2015	11:22:35	0.016
165	10/23/2015	11:23:35	0.007
166	10/23/2015	11:24:35	0.007
167	10/23/2015	11:25:35	0.009
168	10/23/2015	11:26:35	0.008
169	10/23/2015	11:27:35	0.009
170	10/23/2015	11:28:35	0.009
171	10/23/2015	11:29:35	0.011
172	10/23/2015	11:30:35	0.007
173	10/23/2015	11:31:35	0.019
174	10/23/2015	11:32:35	0.014
175	10/23/2015	11:33:35	0.015
176	10/23/2015	11:34:35	0.009
177	10/23/2015	11:35:35	0.015
178	10/23/2015	11:36:35	0.006
179	10/23/2015	11:37:35	0.006
180	10/23/2015	11:38:35	0.006
181	10/23/2015	11:39:35	0.007
182	10/23/2015	11:40:35	0.016
183	10/23/2015	11:41:35	0.007
184	10/23/2015	11:42:35	0.010
185	10/23/2015	11:43:35	0.005
186	10/23/2015	11:44:35	0.007
187	10/23/2015	11:45:35	0.007
188	10/23/2015	11:46:35	0.010
189	10/23/2015	11:47:35	0.009
190	10/23/2015	11:48:35	0.007
191	10/23/2015	11:49:35	0.015
192	10/23/2015	11:50:35	0.011
193	10/23/2015	11:51:35	0.009
194	10/23/2015	11:52:35	0.010
195	10/23/2015	11:53:35	0.008
196	10/23/2015	11:54:35	0.010
197	10/23/2015	11:55:35	0.011
198	10/23/2015	11:56:35	0.007
199	10/23/2015	11:57:35	0.007
200	10/23/2015	11:58:35	0.007
201	10/23/2015	11:59:35	0.007
202	10/23/2015	12:00:35	0.007
203	10/23/2015	12:01:35	0.009
204	10/23/2015	12:02:35	0.009
205	10/23/2015	12:03:35	0.008

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	10/23/2015	12:04:35	0.010
207	10/23/2015	12:05:35	0.036
208	10/23/2015	12:06:35	0.007
209	10/23/2015	12:07:35	0.009
210	10/23/2015	12:08:35	0.013
211	10/23/2015	12:09:35	0.014
212	10/23/2015	12:10:35	0.007
213	10/23/2015	12:11:35	0.009
214	10/23/2015	12:12:35	0.007
215	10/23/2015	12:13:35	0.006
216	10/23/2015	12:14:35	0.033
217	10/23/2015	12:15:35	0.007
218	10/23/2015	12:16:35	0.009
219	10/23/2015	12:17:35	0.005
220	10/23/2015	12:18:35	0.008
221	10/23/2015	12:19:35	0.007
222	10/23/2015	12:20:35	0.018
223	10/23/2015	12:21:35	0.028
224	10/23/2015	12:22:35	0.014
225	10/23/2015	12:23:35	0.011
226	10/23/2015	12:24:35	0.007
227	10/23/2015	12:25:35	0.017
228	10/23/2015	12:26:35	0.007
229	10/23/2015	12:27:35	0.007
230	10/23/2015	12:28:35	0.009
231	10/23/2015	12:29:35	0.009
232	10/23/2015	12:30:35	0.007
233	10/23/2015	12:31:35	0.006
234	10/23/2015	12:32:35	0.005
235	10/23/2015	12:33:35	0.006
236	10/23/2015	12:34:35	0.008
237	10/23/2015	12:35:35	0.014
238	10/23/2015	12:36:35	0.010
239	10/23/2015	12:37:35	0.009
240	10/23/2015	12:38:35	0.006
241	10/23/2015	12:39:35	0.007
242	10/23/2015	12:40:35	0.007
243	10/23/2015	12:41:35	0.024
244	10/23/2015	12:42:35	0.006
245	10/23/2015	12:43:35	0.009
246	10/23/2015	12:44:35	0.005
247	10/23/2015	12:45:35	0.008
248	10/23/2015	12:46:35	0.005
249	10/23/2015	12:47:35	0.007
250	10/23/2015	12:48:35	0.007
251	10/23/2015	12:49:35	0.013

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	10/23/2015	12:50:35	0.006
253	10/23/2015	12:51:35	0.008
254	10/23/2015	12:52:35	0.008
255	10/23/2015	12:53:35	0.007
256	10/23/2015	12:54:35	0.007
257	10/23/2015	12:55:35	0.011
258	10/23/2015	12:56:35	0.007
259	10/23/2015	12:57:35	0.006
260	10/23/2015	12:58:35	0.005
261	10/23/2015	12:59:35	0.009
262	10/23/2015	13:00:35	0.004
263	10/23/2015	13:01:35	0.004
264	10/23/2015	13:02:35	0.004
265	10/23/2015	13:03:35	0.005
266	10/23/2015	13:04:35	0.005
267	10/23/2015	13:05:35	0.004
268	10/23/2015	13:06:35	0.004
269	10/23/2015	13:07:35	0.004
270	10/23/2015	13:08:35	0.005
271	10/23/2015	13:09:35	0.005
272	10/23/2015	13:10:35	0.004
273	10/23/2015	13:11:35	0.005
274	10/23/2015	13:12:35	0.006
275	10/23/2015	13:13:35	0.010
276	10/23/2015	13:14:35	0.007
277	10/23/2015	13:15:35	0.006
278	10/23/2015	13:16:35	0.005
279	10/23/2015	13:17:35	0.006
280	10/23/2015	13:18:35	0.010
281	10/23/2015	13:19:35	0.008
282	10/23/2015	13:20:35	0.004
283	10/23/2015	13:21:35	0.004
284	10/23/2015	13:22:35	0.003
285	10/23/2015	13:23:35	0.003
286	10/23/2015	13:24:35	0.003
287	10/23/2015	13:25:35	0.003
288	10/23/2015	13:26:35	0.003
289	10/23/2015	13:27:35	0.007
290	10/23/2015	13:28:35	0.005
291	10/23/2015	13:29:35	0.004
292	10/23/2015	13:30:35	0.007
293	10/23/2015	13:31:35	0.006
294	10/23/2015	13:32:35	0.007
295	10/23/2015	13:33:35	0.004
296	10/23/2015	13:34:35	0.005
297	10/23/2015	13:35:35	0.029

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	10/23/2015	13:36:35	0.004
299	10/23/2015	13:37:35	0.005
300	10/23/2015	13:38:35	0.007
301	10/23/2015	13:39:35	0.007
302	10/23/2015	13:40:35	0.006
303	10/23/2015	13:41:35	0.005
304	10/23/2015	13:42:35	0.004
305	10/23/2015	13:43:35	0.003
306	10/23/2015	13:44:35	0.003
307	10/23/2015	13:45:35	0.005
308	10/23/2015	13:46:35	0.003
309	10/23/2015	13:47:35	0.004
310	10/23/2015	13:48:35	0.008
311	10/23/2015	13:49:35	0.005
312	10/23/2015	13:50:35	0.004
313	10/23/2015	13:51:35	0.005
314	10/23/2015	13:52:35	0.008
315	10/23/2015	13:53:35	0.015
316	10/23/2015	13:54:35	0.003
317	10/23/2015	13:55:35	0.003
318	10/23/2015	13:56:35	0.024
319	10/23/2015	13:57:35	0.014
320	10/23/2015	13:58:35	0.011
321	10/23/2015	13:59:35	0.004
322	10/23/2015	14:00:35	0.009
323	10/23/2015	14:01:35	0.007
324	10/23/2015	14:02:35	0.011
325	10/23/2015	14:03:35	0.016
326	10/23/2015	14:04:35	0.008
327	10/23/2015	14:05:35	0.006
328	10/23/2015	14:06:35	0.008
329	10/23/2015	14:07:35	0.005
330	10/23/2015	14:08:35	0.009
331	10/23/2015	14:09:35	0.004
332	10/23/2015	14:10:35	0.006
333	10/23/2015	14:11:35	0.008
334	10/23/2015	14:12:35	0.005
335	10/23/2015	14:13:35	0.007
336	10/23/2015	14:14:35	0.003
337	10/23/2015	14:15:35	0.005
338	10/23/2015	14:16:35	0.005
339	10/23/2015	14:17:35	0.008
340	10/23/2015	14:18:35	0.007
341	10/23/2015	14:19:35	0.007
342	10/23/2015	14:20:35	0.013
343	10/23/2015	14:21:35	0.005

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	10/23/2015	14:22:35	0.005
345	10/23/2015	14:23:35	0.003
346	10/23/2015	14:24:35	0.004
347	10/23/2015	14:25:35	0.005
348	10/23/2015	14:26:35	0.003
349	10/23/2015	14:27:35	0.012
350	10/23/2015	14:28:35	0.003
351	10/23/2015	14:29:35	0.003
352	10/23/2015	14:30:35	0.005
353	10/23/2015	14:31:35	0.004
354	10/23/2015	14:32:35	0.008
355	10/23/2015	14:33:35	0.009
356	10/23/2015	14:34:35	0.006
357	10/23/2015	14:35:35	0.004
358	10/23/2015	14:36:35	0.005
359	10/23/2015	14:37:35	0.003
360	10/23/2015	14:38:35	0.001
361	10/23/2015	14:39:35	0.007
362	10/23/2015	14:40:35	0.005
363	10/23/2015	14:41:35	0.008
364	10/23/2015	14:42:35	0.012
365	10/23/2015	14:43:35	0.004
366	10/23/2015	14:44:35	0.007
367	10/23/2015	14:45:35	0.012
368	10/23/2015	14:46:35	0.006
369	10/23/2015	14:47:35	0.067
370	10/23/2015	14:48:35	0.029
371	10/23/2015	14:49:35	0.053
372	10/23/2015	14:50:35	0.022
373	10/23/2015	14:51:35	0.012
374	10/23/2015	14:52:35	0.020
375	10/23/2015	14:53:35	0.013
376	10/23/2015	14:54:35	0.030
377	10/23/2015	14:55:35	0.006
378	10/23/2015	14:56:35	0.003
379	10/23/2015	14:57:35	0.021
380	10/23/2015	14:58:35	0.007
381	10/23/2015	14:59:35	0.002
382	10/23/2015	15:00:35	0.001
383	10/23/2015	15:01:35	0.015
384	10/23/2015	15:02:35	0.013
385	10/23/2015	15:03:35	0.008
386	10/23/2015	15:04:35	0.012
387	10/23/2015	15:05:35	0.021
388	10/23/2015	15:06:35	0.004
389	10/23/2015	15:07:35	0.007

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
390	10/23/2015	15:08:35	0.002
391	10/23/2015	15:09:35	0.003
392	10/23/2015	15:10:35	0.002
393	10/23/2015	15:11:35	0.002
394	10/23/2015	15:12:35	0.002
395	10/23/2015	15:13:35	0.002
396	10/23/2015	15:14:35	0.007
397	10/23/2015	15:15:35	0.004
398	10/23/2015	15:16:35	0.006
399	10/23/2015	15:17:35	0.002
400	10/23/2015	15:18:35	0.010
401	10/23/2015	15:19:35	0.002
402	10/23/2015	15:20:35	0.002
403	10/23/2015	15:21:35	0.003
404	10/23/2015	15:22:35	0.015
405	10/23/2015	15:23:35	0.019
406	10/23/2015	15:24:35	0.014
407	10/23/2015	15:25:35	0.006
408	10/23/2015	15:26:35	0.007
409	10/23/2015	15:27:35	0.004
410	10/23/2015	15:28:35	0.002
411	10/23/2015	15:29:35	0.002
412	10/23/2015	15:30:35	0.008
413	10/23/2015	15:31:35	0.002
414	10/23/2015	15:32:35	0.003
415	10/23/2015	15:33:35	0.002
416	10/23/2015	15:34:35	0.003
417	10/23/2015	15:35:35	0.003
418	10/23/2015	15:36:35	0.003
419	10/23/2015	15:37:35	0.002
420	10/23/2015	15:38:35	0.003
421	10/23/2015	15:39:35	0.005
422	10/23/2015	15:40:35	0.006
423	10/23/2015	15:41:35	0.003
424	10/23/2015	15:42:35	0.004
425	10/23/2015	15:43:35	0.002
426	10/23/2015	15:44:35	0.004
427	10/23/2015	15:45:35	0.004
428	10/23/2015	15:46:35	0.004
429	10/23/2015	15:47:35	0.004
430	10/23/2015	15:48:35	0.003
431	10/23/2015	15:49:35	0.012
432	10/23/2015	15:50:35	0.003
433	10/23/2015	15:51:35	0.002
434	10/23/2015	15:52:35	0.004
435	10/23/2015	15:53:35	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
436	10/23/2015	15:54:35	0.004
437	10/23/2015	15:55:35	0.005
438	10/23/2015	15:56:35	0.003
439	10/23/2015	15:57:35	0.003
440	10/23/2015	15:58:35	0.003
441	10/23/2015	15:59:35	0.003

Test 003

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/26/2015
Instrument S/N	8530143315	Start Time	09:26:22
		Stop Date	10/26/2015
		Stop Time	16:25:22
		Total Time	0:06:59:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.008 mg/m^3
Max	0.255 mg/m^3
Max Date	10/26/2015
Max Time	10:31:22
Min	0.003 mg/m^3
Min Date	10/26/2015
Min Time	12:20:22
TWA (8 hr)	0.007
TWA Start Date	10/26/2015
TWA Start Time	09:26:22
TWA End Time	16:25:22

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/26/2015	09:27:22	0.017
2	10/26/2015	09:28:22	0.015
3	10/26/2015	09:29:22	0.018
4	10/26/2015	09:30:22	0.021
5	10/26/2015	09:31:22	0.017
6	10/26/2015	09:32:22	0.016
7	10/26/2015	09:33:22	0.014
8	10/26/2015	09:34:22	0.013
9	10/26/2015	09:35:22	0.013
10	10/26/2015	09:36:22	0.018
11	10/26/2015	09:37:22	0.013
12	10/26/2015	09:38:22	0.016
13	10/26/2015	09:39:22	0.014
14	10/26/2015	09:40:22	0.013
15	10/26/2015	09:41:22	0.015
16	10/26/2015	09:42:22	0.014
17	10/26/2015	09:43:22	0.012
18	10/26/2015	09:44:22	0.013
19	10/26/2015	09:45:22	0.012
20	10/26/2015	09:46:22	0.012
21	10/26/2015	09:47:22	0.013

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	10/26/2015	09:48:22	0.021
23	10/26/2015	09:49:22	0.013
24	10/26/2015	09:50:22	0.012
25	10/26/2015	09:51:22	0.012
26	10/26/2015	09:52:22	0.011
27	10/26/2015	09:53:22	0.011
28	10/26/2015	09:54:22	0.009
29	10/26/2015	09:55:22	0.011
30	10/26/2015	09:56:22	0.020
31	10/26/2015	09:57:22	0.012
32	10/26/2015	09:58:22	0.009
33	10/26/2015	09:59:22	0.011
34	10/26/2015	10:00:22	0.011
35	10/26/2015	10:01:22	0.009
36	10/26/2015	10:02:22	0.010
37	10/26/2015	10:03:22	0.009
38	10/26/2015	10:04:22	0.009
39	10/26/2015	10:05:22	0.010
40	10/26/2015	10:06:22	0.008
41	10/26/2015	10:07:22	0.007
42	10/26/2015	10:08:22	0.007
43	10/26/2015	10:09:22	0.007
44	10/26/2015	10:10:22	0.007
45	10/26/2015	10:11:22	0.007
46	10/26/2015	10:12:22	0.009
47	10/26/2015	10:13:22	0.007
48	10/26/2015	10:14:22	0.008
49	10/26/2015	10:15:22	0.011
50	10/26/2015	10:16:22	0.009
51	10/26/2015	10:17:22	0.012
52	10/26/2015	10:18:22	0.007
53	10/26/2015	10:19:22	0.007
54	10/26/2015	10:20:22	0.088
55	10/26/2015	10:21:22	0.009
56	10/26/2015	10:22:22	0.011
57	10/26/2015	10:23:22	0.006
58	10/26/2015	10:24:22	0.008
59	10/26/2015	10:25:22	0.006
60	10/26/2015	10:26:22	0.006
61	10/26/2015	10:27:22	0.006
62	10/26/2015	10:28:22	0.006
63	10/26/2015	10:29:22	0.006
64	10/26/2015	10:30:22	0.007
65	10/26/2015	10:31:22	0.255
66	10/26/2015	10:32:22	0.007
67	10/26/2015	10:33:22	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	10/26/2015	10:34:22	0.006
69	10/26/2015	10:35:22	0.007
70	10/26/2015	10:36:22	0.006
71	10/26/2015	10:37:22	0.006
72	10/26/2015	10:38:22	0.008
73	10/26/2015	10:39:22	0.005
74	10/26/2015	10:40:22	0.008
75	10/26/2015	10:41:22	0.006
76	10/26/2015	10:42:22	0.005
77	10/26/2015	10:43:22	0.006
78	10/26/2015	10:44:22	0.007
79	10/26/2015	10:45:22	0.007
80	10/26/2015	10:46:22	0.005
81	10/26/2015	10:47:22	0.007
82	10/26/2015	10:48:22	0.011
83	10/26/2015	10:49:22	0.008
84	10/26/2015	10:50:22	0.010
85	10/26/2015	10:51:22	0.006
86	10/26/2015	10:52:22	0.005
87	10/26/2015	10:53:22	0.007
88	10/26/2015	10:54:22	0.008
89	10/26/2015	10:55:22	0.006
90	10/26/2015	10:56:22	0.005
91	10/26/2015	10:57:22	0.006
92	10/26/2015	10:58:22	0.005
93	10/26/2015	10:59:22	0.005
94	10/26/2015	11:00:22	0.007
95	10/26/2015	11:01:22	0.005
96	10/26/2015	11:02:22	0.005
97	10/26/2015	11:03:22	0.005
98	10/26/2015	11:04:22	0.007
99	10/26/2015	11:05:22	0.007
100	10/26/2015	11:06:22	0.007
101	10/26/2015	11:07:22	0.007
102	10/26/2015	11:08:22	0.006
103	10/26/2015	11:09:22	0.006
104	10/26/2015	11:10:22	0.007
105	10/26/2015	11:11:22	0.007
106	10/26/2015	11:12:22	0.014
107	10/26/2015	11:13:22	0.006
108	10/26/2015	11:14:22	0.006
109	10/26/2015	11:15:22	0.005
110	10/26/2015	11:16:22	0.006
111	10/26/2015	11:17:22	0.007
112	10/26/2015	11:18:22	0.007
113	10/26/2015	11:19:22	0.007

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	10/26/2015	11:20:22	0.005
115	10/26/2015	11:21:22	0.007
116	10/26/2015	11:22:22	0.007
117	10/26/2015	11:23:22	0.008
118	10/26/2015	11:24:22	0.007
119	10/26/2015	11:25:22	0.007
120	10/26/2015	11:26:22	0.006
121	10/26/2015	11:27:22	0.006
122	10/26/2015	11:28:22	0.007
123	10/26/2015	11:29:22	0.008
124	10/26/2015	11:30:22	0.008
125	10/26/2015	11:31:22	0.007
126	10/26/2015	11:32:22	0.012
127	10/26/2015	11:33:22	0.006
128	10/26/2015	11:34:22	0.007
129	10/26/2015	11:35:22	0.005
130	10/26/2015	11:36:22	0.005
131	10/26/2015	11:37:22	0.008
132	10/26/2015	11:38:22	0.006
133	10/26/2015	11:39:22	0.005
134	10/26/2015	11:40:22	0.006
135	10/26/2015	11:41:22	0.006
136	10/26/2015	11:42:22	0.007
137	10/26/2015	11:43:22	0.004
138	10/26/2015	11:44:22	0.005
139	10/26/2015	11:45:22	0.004
140	10/26/2015	11:46:22	0.004
141	10/26/2015	11:47:22	0.023
142	10/26/2015	11:48:22	0.004
143	10/26/2015	11:49:22	0.005
144	10/26/2015	11:50:22	0.006
145	10/26/2015	11:51:22	0.004
146	10/26/2015	11:52:22	0.004
147	10/26/2015	11:53:22	0.004
148	10/26/2015	11:54:22	0.005
149	10/26/2015	11:55:22	0.005
150	10/26/2015	11:56:22	0.007
151	10/26/2015	11:57:22	0.007
152	10/26/2015	11:58:22	0.005
153	10/26/2015	11:59:22	0.004
154	10/26/2015	12:00:22	0.005
155	10/26/2015	12:01:22	0.006
156	10/26/2015	12:02:22	0.005
157	10/26/2015	12:03:22	0.004
158	10/26/2015	12:04:22	0.005
159	10/26/2015	12:05:22	0.004

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	10/26/2015	12:06:22	0.005
161	10/26/2015	12:07:22	0.005
162	10/26/2015	12:08:22	0.005
163	10/26/2015	12:09:22	0.005
164	10/26/2015	12:10:22	0.007
165	10/26/2015	12:11:22	0.006
166	10/26/2015	12:12:22	0.005
167	10/26/2015	12:13:22	0.007
168	10/26/2015	12:14:22	0.005
169	10/26/2015	12:15:22	0.006
170	10/26/2015	12:16:22	0.006
171	10/26/2015	12:17:22	0.006
172	10/26/2015	12:18:22	0.004
173	10/26/2015	12:19:22	0.004
174	10/26/2015	12:20:22	0.003
175	10/26/2015	12:21:22	0.004
176	10/26/2015	12:22:22	0.004
177	10/26/2015	12:23:22	0.004
178	10/26/2015	12:24:22	0.004
179	10/26/2015	12:25:22	0.005
180	10/26/2015	12:26:22	0.005
181	10/26/2015	12:27:22	0.004
182	10/26/2015	12:28:22	0.005
183	10/26/2015	12:29:22	0.005
184	10/26/2015	12:30:22	0.005
185	10/26/2015	12:31:22	0.005
186	10/26/2015	12:32:22	0.004
187	10/26/2015	12:33:22	0.004
188	10/26/2015	12:34:22	0.004
189	10/26/2015	12:35:22	0.004
190	10/26/2015	12:36:22	0.005
191	10/26/2015	12:37:22	0.004
192	10/26/2015	12:38:22	0.004
193	10/26/2015	12:39:22	0.009
194	10/26/2015	12:40:22	0.005
195	10/26/2015	12:41:22	0.006
196	10/26/2015	12:42:22	0.008
197	10/26/2015	12:43:22	0.007
198	10/26/2015	12:44:22	0.006
199	10/26/2015	12:45:22	0.005
200	10/26/2015	12:46:22	0.005
201	10/26/2015	12:47:22	0.004
202	10/26/2015	12:48:22	0.005
203	10/26/2015	12:49:22	0.006
204	10/26/2015	12:50:22	0.006
205	10/26/2015	12:51:22	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	10/26/2015	12:52:22	0.005
207	10/26/2015	12:53:22	0.005
208	10/26/2015	12:54:22	0.005
209	10/26/2015	12:55:22	0.005
210	10/26/2015	12:56:22	0.005
211	10/26/2015	12:57:22	0.006
212	10/26/2015	12:58:22	0.005
213	10/26/2015	12:59:22	0.006
214	10/26/2015	13:00:22	0.010
215	10/26/2015	13:01:22	0.006
216	10/26/2015	13:02:22	0.007
217	10/26/2015	13:03:22	0.006
218	10/26/2015	13:04:22	0.005
219	10/26/2015	13:05:22	0.012
220	10/26/2015	13:06:22	0.005
221	10/26/2015	13:07:22	0.005
222	10/26/2015	13:08:22	0.008
223	10/26/2015	13:09:22	0.018
224	10/26/2015	13:10:22	0.007
225	10/26/2015	13:11:22	0.013
226	10/26/2015	13:12:22	0.005
227	10/26/2015	13:13:22	0.007
228	10/26/2015	13:14:22	0.006
229	10/26/2015	13:15:22	0.005
230	10/26/2015	13:16:22	0.005
231	10/26/2015	13:17:22	0.005
232	10/26/2015	13:18:22	0.010
233	10/26/2015	13:19:22	0.006
234	10/26/2015	13:20:22	0.006
235	10/26/2015	13:21:22	0.006
236	10/26/2015	13:22:22	0.006
237	10/26/2015	13:23:22	0.005
238	10/26/2015	13:24:22	0.004
239	10/26/2015	13:25:22	0.006
240	10/26/2015	13:26:22	0.005
241	10/26/2015	13:27:22	0.033
242	10/26/2015	13:28:22	0.007
243	10/26/2015	13:29:22	0.006
244	10/26/2015	13:30:22	0.009
245	10/26/2015	13:31:22	0.006
246	10/26/2015	13:32:22	0.008
247	10/26/2015	13:33:22	0.007
248	10/26/2015	13:34:22	0.004
249	10/26/2015	13:35:22	0.008
250	10/26/2015	13:36:22	0.005
251	10/26/2015	13:37:22	0.004

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	10/26/2015	13:38:22	0.004
253	10/26/2015	13:39:22	0.004
254	10/26/2015	13:40:22	0.004
255	10/26/2015	13:41:22	0.004
256	10/26/2015	13:42:22	0.005
257	10/26/2015	13:43:22	0.009
258	10/26/2015	13:44:22	0.004
259	10/26/2015	13:45:22	0.004
260	10/26/2015	13:46:22	0.004
261	10/26/2015	13:47:22	0.003
262	10/26/2015	13:48:22	0.004
263	10/26/2015	13:49:22	0.005
264	10/26/2015	13:50:22	0.003
265	10/26/2015	13:51:22	0.003
266	10/26/2015	13:52:22	0.003
267	10/26/2015	13:53:22	0.003
268	10/26/2015	13:54:22	0.004
269	10/26/2015	13:55:22	0.003
270	10/26/2015	13:56:22	0.003
271	10/26/2015	13:57:22	0.003
272	10/26/2015	13:58:22	0.004
273	10/26/2015	13:59:22	0.005
274	10/26/2015	14:00:22	0.005
275	10/26/2015	14:01:22	0.007
276	10/26/2015	14:02:22	0.011
277	10/26/2015	14:03:22	0.008
278	10/26/2015	14:04:22	0.003
279	10/26/2015	14:05:22	0.006
280	10/26/2015	14:06:22	0.008
281	10/26/2015	14:07:22	0.012
282	10/26/2015	14:08:22	0.011
283	10/26/2015	14:09:22	0.006
284	10/26/2015	14:10:22	0.010
285	10/26/2015	14:11:22	0.009
286	10/26/2015	14:12:22	0.007
287	10/26/2015	14:13:22	0.006
288	10/26/2015	14:14:22	0.003
289	10/26/2015	14:15:22	0.004
290	10/26/2015	14:16:22	0.004
291	10/26/2015	14:17:22	0.005
292	10/26/2015	14:18:22	0.006
293	10/26/2015	14:19:22	0.008
294	10/26/2015	14:20:22	0.007
295	10/26/2015	14:21:22	0.006
296	10/26/2015	14:22:22	0.007
297	10/26/2015	14:23:22	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	10/26/2015	14:24:22	0.007
299	10/26/2015	14:25:22	0.007
300	10/26/2015	14:26:22	0.009
301	10/26/2015	14:27:22	0.009
302	10/26/2015	14:28:22	0.004
303	10/26/2015	14:29:22	0.005
304	10/26/2015	14:30:22	0.006
305	10/26/2015	14:31:22	0.005
306	10/26/2015	14:32:22	0.006
307	10/26/2015	14:33:22	0.005
308	10/26/2015	14:34:22	0.004
309	10/26/2015	14:35:22	0.006
310	10/26/2015	14:36:22	0.007
311	10/26/2015	14:37:22	0.005
312	10/26/2015	14:38:22	0.005
313	10/26/2015	14:39:22	0.006
314	10/26/2015	14:40:22	0.006
315	10/26/2015	14:41:22	0.006
316	10/26/2015	14:42:22	0.004
317	10/26/2015	14:43:22	0.005
318	10/26/2015	14:44:22	0.005
319	10/26/2015	14:45:22	0.006
320	10/26/2015	14:46:22	0.005
321	10/26/2015	14:47:22	0.005
322	10/26/2015	14:48:22	0.004
323	10/26/2015	14:49:22	0.007
324	10/26/2015	14:50:22	0.007
325	10/26/2015	14:51:22	0.004
326	10/26/2015	14:52:22	0.005
327	10/26/2015	14:53:22	0.005
328	10/26/2015	14:54:22	0.007
329	10/26/2015	14:55:22	0.034
330	10/26/2015	14:56:22	0.013
331	10/26/2015	14:57:22	0.012
332	10/26/2015	14:58:22	0.008
333	10/26/2015	14:59:22	0.007
334	10/26/2015	15:00:22	0.005
335	10/26/2015	15:01:22	0.005
336	10/26/2015	15:02:22	0.005
337	10/26/2015	15:03:22	0.004
338	10/26/2015	15:04:22	0.005
339	10/26/2015	15:05:22	0.005
340	10/26/2015	15:06:22	0.014
341	10/26/2015	15:07:22	0.023
342	10/26/2015	15:08:22	0.013
343	10/26/2015	15:09:22	0.009

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	10/26/2015	15:10:22	0.009
345	10/26/2015	15:11:22	0.006
346	10/26/2015	15:12:22	0.004
347	10/26/2015	15:13:22	0.004
348	10/26/2015	15:14:22	0.005
349	10/26/2015	15:15:22	0.005
350	10/26/2015	15:16:22	0.004
351	10/26/2015	15:17:22	0.005
352	10/26/2015	15:18:22	0.005
353	10/26/2015	15:19:22	0.005
354	10/26/2015	15:20:22	0.005
355	10/26/2015	15:21:22	0.004
356	10/26/2015	15:22:22	0.004
357	10/26/2015	15:23:22	0.004
358	10/26/2015	15:24:22	0.005
359	10/26/2015	15:25:22	0.005
360	10/26/2015	15:26:22	0.006
361	10/26/2015	15:27:22	0.006
362	10/26/2015	15:28:22	0.006
363	10/26/2015	15:29:22	0.009
364	10/26/2015	15:30:22	0.007
365	10/26/2015	15:31:22	0.006
366	10/26/2015	15:32:22	0.007
367	10/26/2015	15:33:22	0.006
368	10/26/2015	15:34:22	0.005
369	10/26/2015	15:35:22	0.005
370	10/26/2015	15:36:22	0.007
371	10/26/2015	15:37:22	0.005
372	10/26/2015	15:38:22	0.004
373	10/26/2015	15:39:22	0.005
374	10/26/2015	15:40:22	0.005
375	10/26/2015	15:41:22	0.004
376	10/26/2015	15:42:22	0.005
377	10/26/2015	15:43:22	0.004
378	10/26/2015	15:44:22	0.005
379	10/26/2015	15:45:22	0.007
380	10/26/2015	15:46:22	0.007
381	10/26/2015	15:47:22	0.005
382	10/26/2015	15:48:22	0.005
383	10/26/2015	15:49:22	0.004
384	10/26/2015	15:50:22	0.004
385	10/26/2015	15:51:22	0.004
386	10/26/2015	15:52:22	0.004
387	10/26/2015	15:53:22	0.004
388	10/26/2015	15:54:22	0.005
389	10/26/2015	15:55:22	0.005

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
390	10/26/2015	15:56:22	0.005
391	10/26/2015	15:57:22	0.006
392	10/26/2015	15:58:22	0.006
393	10/26/2015	15:59:22	0.005
394	10/26/2015	16:00:22	0.006
395	10/26/2015	16:01:22	0.006
396	10/26/2015	16:02:22	0.006
397	10/26/2015	16:03:22	0.005
398	10/26/2015	16:04:22	0.005
399	10/26/2015	16:05:22	0.005
400	10/26/2015	16:06:22	0.005
401	10/26/2015	16:07:22	0.005
402	10/26/2015	16:08:22	0.005
403	10/26/2015	16:09:22	0.005
404	10/26/2015	16:10:22	0.005
405	10/26/2015	16:11:22	0.005
406	10/26/2015	16:12:22	0.006
407	10/26/2015	16:13:22	0.005
408	10/26/2015	16:14:22	0.009
409	10/26/2015	16:15:22	0.007
410	10/26/2015	16:16:22	0.006
411	10/26/2015	16:17:22	0.006
412	10/26/2015	16:18:22	0.008
413	10/26/2015	16:19:22	0.009
414	10/26/2015	16:20:22	0.006
415	10/26/2015	16:21:22	0.006
416	10/26/2015	16:22:22	0.005
417	10/26/2015	16:23:22	0.015
418	10/26/2015	16:24:22	0.013
419	10/26/2015	16:25:22	0.031

Test 004

Instrument		Data Properties	
Model	DustTrak II	Start Date	10/27/2015
Instrument S/N	8530143315	Start Time	08:29:10
		Stop Date	10/27/2015
		Stop Time	14:51:10
		Total Time	0:06:22:00
		Logging Interval	60 seconds

Statistics	
	AEROSOL
Avg	0.013 mg/m^3
Max	0.049 mg/m^3
Max Date	10/27/2015
Max Time	14:50:10
Min	0.002 mg/m^3
Min Date	10/27/2015
Min Time	13:04:10
TWA (8 hr)	0.011
TWA Start Date	10/27/2015
TWA Start Time	08:29:10
TWA End Time	14:51:10

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
1	10/27/2015	08:30:10	0.030
2	10/27/2015	08:31:10	0.027
3	10/27/2015	08:32:10	0.024
4	10/27/2015	08:33:10	0.024
5	10/27/2015	08:34:10	0.024
6	10/27/2015	08:35:10	0.026
7	10/27/2015	08:36:10	0.024
8	10/27/2015	08:37:10	0.025
9	10/27/2015	08:38:10	0.027
10	10/27/2015	08:39:10	0.025
11	10/27/2015	08:40:10	0.026
12	10/27/2015	08:41:10	0.026
13	10/27/2015	08:42:10	0.026
14	10/27/2015	08:43:10	0.027
15	10/27/2015	08:44:10	0.026
16	10/27/2015	08:45:10	0.026
17	10/27/2015	08:46:10	0.027
18	10/27/2015	08:47:10	0.025
19	10/27/2015	08:48:10	0.025
20	10/27/2015	08:49:10	0.024
21	10/27/2015	08:50:10	0.023

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
22	10/27/2015	08:51:10	0.023
23	10/27/2015	08:52:10	0.023
24	10/27/2015	08:53:10	0.024
25	10/27/2015	08:54:10	0.024
26	10/27/2015	08:55:10	0.024
27	10/27/2015	08:56:10	0.025
28	10/27/2015	08:57:10	0.023
29	10/27/2015	08:58:10	0.023
30	10/27/2015	08:59:10	0.024
31	10/27/2015	09:00:10	0.024
32	10/27/2015	09:01:10	0.029
33	10/27/2015	09:02:10	0.025
34	10/27/2015	09:03:10	0.025
35	10/27/2015	09:04:10	0.025
36	10/27/2015	09:05:10	0.026
37	10/27/2015	09:06:10	0.023
38	10/27/2015	09:07:10	0.030
39	10/27/2015	09:08:10	0.024
40	10/27/2015	09:09:10	0.022
41	10/27/2015	09:10:10	0.024
42	10/27/2015	09:11:10	0.022
43	10/27/2015	09:12:10	0.030
44	10/27/2015	09:13:10	0.027
45	10/27/2015	09:14:10	0.023
46	10/27/2015	09:15:10	0.026
47	10/27/2015	09:16:10	0.025
48	10/27/2015	09:17:10	0.022
49	10/27/2015	09:18:10	0.023
50	10/27/2015	09:19:10	0.023
51	10/27/2015	09:20:10	0.021
52	10/27/2015	09:21:10	0.026
53	10/27/2015	09:22:10	0.026
54	10/27/2015	09:23:10	0.026
55	10/27/2015	09:24:10	0.025
56	10/27/2015	09:25:10	0.024
57	10/27/2015	09:26:10	0.022
58	10/27/2015	09:27:10	0.024
59	10/27/2015	09:28:10	0.026
60	10/27/2015	09:29:10	0.025
61	10/27/2015	09:30:10	0.024
62	10/27/2015	09:31:10	0.022
63	10/27/2015	09:32:10	0.021
64	10/27/2015	09:33:10	0.023
65	10/27/2015	09:34:10	0.024
66	10/27/2015	09:35:10	0.030
67	10/27/2015	09:36:10	0.025

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
68	10/27/2015	09:37:10	0.021
69	10/27/2015	09:38:10	0.021
70	10/27/2015	09:39:10	0.021
71	10/27/2015	09:40:10	0.020
72	10/27/2015	09:41:10	0.019
73	10/27/2015	09:42:10	0.020
74	10/27/2015	09:43:10	0.020
75	10/27/2015	09:44:10	0.018
76	10/27/2015	09:45:10	0.018
77	10/27/2015	09:46:10	0.017
78	10/27/2015	09:47:10	0.017
79	10/27/2015	09:48:10	0.019
80	10/27/2015	09:49:10	0.021
81	10/27/2015	09:50:10	0.019
82	10/27/2015	09:51:10	0.018
83	10/27/2015	09:52:10	0.019
84	10/27/2015	09:53:10	0.020
85	10/27/2015	09:54:10	0.020
86	10/27/2015	09:55:10	0.020
87	10/27/2015	09:56:10	0.019
88	10/27/2015	09:57:10	0.018
89	10/27/2015	09:58:10	0.018
90	10/27/2015	09:59:10	0.016
91	10/27/2015	10:00:10	0.016
92	10/27/2015	10:01:10	0.016
93	10/27/2015	10:02:10	0.023
94	10/27/2015	10:03:10	0.019
95	10/27/2015	10:04:10	0.019
96	10/27/2015	10:05:10	0.017
97	10/27/2015	10:06:10	0.015
98	10/27/2015	10:07:10	0.014
99	10/27/2015	10:08:10	0.014
100	10/27/2015	10:09:10	0.015
101	10/27/2015	10:10:10	0.014
102	10/27/2015	10:11:10	0.012
103	10/27/2015	10:12:10	0.013
104	10/27/2015	10:13:10	0.013
105	10/27/2015	10:14:10	0.012
106	10/27/2015	10:15:10	0.013
107	10/27/2015	10:16:10	0.013
108	10/27/2015	10:17:10	0.012
109	10/27/2015	10:18:10	0.012
110	10/27/2015	10:19:10	0.011
111	10/27/2015	10:20:10	0.012
112	10/27/2015	10:21:10	0.012
113	10/27/2015	10:22:10	0.013

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
114	10/27/2015	10:23:10	0.017
115	10/27/2015	10:24:10	0.016
116	10/27/2015	10:25:10	0.014
117	10/27/2015	10:26:10	0.011
118	10/27/2015	10:27:10	0.011
119	10/27/2015	10:28:10	0.013
120	10/27/2015	10:29:10	0.014
121	10/27/2015	10:30:10	0.011
122	10/27/2015	10:31:10	0.013
123	10/27/2015	10:32:10	0.014
124	10/27/2015	10:33:10	0.014
125	10/27/2015	10:34:10	0.015
126	10/27/2015	10:35:10	0.013
127	10/27/2015	10:36:10	0.013
128	10/27/2015	10:37:10	0.012
129	10/27/2015	10:38:10	0.014
130	10/27/2015	10:39:10	0.013
131	10/27/2015	10:40:10	0.013
132	10/27/2015	10:41:10	0.012
133	10/27/2015	10:42:10	0.014
134	10/27/2015	10:43:10	0.014
135	10/27/2015	10:44:10	0.013
136	10/27/2015	10:45:10	0.013
137	10/27/2015	10:46:10	0.013
138	10/27/2015	10:47:10	0.012
139	10/27/2015	10:48:10	0.012
140	10/27/2015	10:49:10	0.012
141	10/27/2015	10:50:10	0.012
142	10/27/2015	10:51:10	0.014
143	10/27/2015	10:52:10	0.015
144	10/27/2015	10:53:10	0.014
145	10/27/2015	10:54:10	0.013
146	10/27/2015	10:55:10	0.017
147	10/27/2015	10:56:10	0.017
148	10/27/2015	10:57:10	0.015
149	10/27/2015	10:58:10	0.014
150	10/27/2015	10:59:10	0.014
151	10/27/2015	11:00:10	0.018
152	10/27/2015	11:01:10	0.016
153	10/27/2015	11:02:10	0.014
154	10/27/2015	11:03:10	0.017
155	10/27/2015	11:04:10	0.018
156	10/27/2015	11:05:10	0.016
157	10/27/2015	11:06:10	0.017
158	10/27/2015	11:07:10	0.014
159	10/27/2015	11:08:10	0.014

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
160	10/27/2015	11:09:10	0.013
161	10/27/2015	11:10:10	0.013
162	10/27/2015	11:11:10	0.012
163	10/27/2015	11:12:10	0.011
164	10/27/2015	11:13:10	0.013
165	10/27/2015	11:14:10	0.013
166	10/27/2015	11:15:10	0.018
167	10/27/2015	11:16:10	0.025
168	10/27/2015	11:17:10	0.022
169	10/27/2015	11:18:10	0.016
170	10/27/2015	11:19:10	0.017
171	10/27/2015	11:20:10	0.021
172	10/27/2015	11:21:10	0.017
173	10/27/2015	11:22:10	0.015
174	10/27/2015	11:23:10	0.013
175	10/27/2015	11:24:10	0.014
176	10/27/2015	11:25:10	0.014
177	10/27/2015	11:26:10	0.012
178	10/27/2015	11:27:10	0.012
179	10/27/2015	11:28:10	0.012
180	10/27/2015	11:29:10	0.014
181	10/27/2015	11:30:10	0.015
182	10/27/2015	11:31:10	0.018
183	10/27/2015	11:32:10	0.015
184	10/27/2015	11:33:10	0.013
185	10/27/2015	11:34:10	0.013
186	10/27/2015	11:35:10	0.013
187	10/27/2015	11:36:10	0.013
188	10/27/2015	11:37:10	0.014
189	10/27/2015	11:38:10	0.017
190	10/27/2015	11:39:10	0.021
191	10/27/2015	11:40:10	0.016
192	10/27/2015	11:41:10	0.013
193	10/27/2015	11:42:10	0.013
194	10/27/2015	11:43:10	0.015
195	10/27/2015	11:44:10	0.016
196	10/27/2015	11:45:10	0.013
197	10/27/2015	11:46:10	0.016
198	10/27/2015	11:47:10	0.018
199	10/27/2015	11:48:10	0.016
200	10/27/2015	11:49:10	0.014
201	10/27/2015	11:50:10	0.013
202	10/27/2015	11:51:10	0.017
203	10/27/2015	11:52:10	0.021
204	10/27/2015	11:53:10	0.016
205	10/27/2015	11:54:10	0.036

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
206	10/27/2015	11:55:10	0.030
207	10/27/2015	11:56:10	0.019
208	10/27/2015	11:57:10	0.010
209	10/27/2015	11:58:10	0.011
210	10/27/2015	11:59:10	0.012
211	10/27/2015	12:00:10	0.011
212	10/27/2015	12:01:10	0.011
213	10/27/2015	12:02:10	0.011
214	10/27/2015	12:03:10	0.012
215	10/27/2015	12:04:10	0.014
216	10/27/2015	12:05:10	0.014
217	10/27/2015	12:06:10	0.015
218	10/27/2015	12:07:10	0.014
219	10/27/2015	12:08:10	0.014
220	10/27/2015	12:09:10	0.012
221	10/27/2015	12:10:10	0.009
222	10/27/2015	12:11:10	0.009
223	10/27/2015	12:12:10	0.010
224	10/27/2015	12:13:10	0.011
225	10/27/2015	12:14:10	0.010
226	10/27/2015	12:15:10	0.009
227	10/27/2015	12:16:10	0.005
228	10/27/2015	12:17:10	0.004
229	10/27/2015	12:18:10	0.004
230	10/27/2015	12:19:10	0.005
231	10/27/2015	12:20:10	0.004
232	10/27/2015	12:21:10	0.007
233	10/27/2015	12:22:10	0.006
234	10/27/2015	12:23:10	0.004
235	10/27/2015	12:24:10	0.005
236	10/27/2015	12:25:10	0.006
237	10/27/2015	12:26:10	0.005
238	10/27/2015	12:27:10	0.006
239	10/27/2015	12:28:10	0.006
240	10/27/2015	12:29:10	0.006
241	10/27/2015	12:30:10	0.005
242	10/27/2015	12:31:10	0.004
243	10/27/2015	12:32:10	0.003
244	10/27/2015	12:33:10	0.004
245	10/27/2015	12:34:10	0.003
246	10/27/2015	12:35:10	0.003
247	10/27/2015	12:36:10	0.004
248	10/27/2015	12:37:10	0.007
249	10/27/2015	12:38:10	0.005
250	10/27/2015	12:39:10	0.004
251	10/27/2015	12:40:10	0.005

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
252	10/27/2015	12:41:10	0.005
253	10/27/2015	12:42:10	0.005
254	10/27/2015	12:43:10	0.005
255	10/27/2015	12:44:10	0.004
256	10/27/2015	12:45:10	0.004
257	10/27/2015	12:46:10	0.004
258	10/27/2015	12:47:10	0.005
259	10/27/2015	12:48:10	0.005
260	10/27/2015	12:49:10	0.006
261	10/27/2015	12:50:10	0.007
262	10/27/2015	12:51:10	0.009
263	10/27/2015	12:52:10	0.010
264	10/27/2015	12:53:10	0.009
265	10/27/2015	12:54:10	0.008
266	10/27/2015	12:55:10	0.004
267	10/27/2015	12:56:10	0.004
268	10/27/2015	12:57:10	0.008
269	10/27/2015	12:58:10	0.005
270	10/27/2015	12:59:10	0.003
271	10/27/2015	13:00:10	0.005
272	10/27/2015	13:01:10	0.004
273	10/27/2015	13:02:10	0.003
274	10/27/2015	13:03:10	0.003
275	10/27/2015	13:04:10	0.002
276	10/27/2015	13:05:10	0.003
277	10/27/2015	13:06:10	0.005
278	10/27/2015	13:07:10	0.004
279	10/27/2015	13:08:10	0.003
280	10/27/2015	13:09:10	0.003
281	10/27/2015	13:10:10	0.003
282	10/27/2015	13:11:10	0.004
283	10/27/2015	13:12:10	0.002
284	10/27/2015	13:13:10	0.002
285	10/27/2015	13:14:10	0.004
286	10/27/2015	13:15:10	0.003
287	10/27/2015	13:16:10	0.003
288	10/27/2015	13:17:10	0.004
289	10/27/2015	13:18:10	0.004
290	10/27/2015	13:19:10	0.004
291	10/27/2015	13:20:10	0.005
292	10/27/2015	13:21:10	0.005
293	10/27/2015	13:22:10	0.006
294	10/27/2015	13:23:10	0.006
295	10/27/2015	13:24:10	0.004
296	10/27/2015	13:25:10	0.004
297	10/27/2015	13:26:10	0.004

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
298	10/27/2015	13:27:10	0.004
299	10/27/2015	13:28:10	0.005
300	10/27/2015	13:29:10	0.007
301	10/27/2015	13:30:10	0.005
302	10/27/2015	13:31:10	0.006
303	10/27/2015	13:32:10	0.006
304	10/27/2015	13:33:10	0.005
305	10/27/2015	13:34:10	0.005
306	10/27/2015	13:35:10	0.004
307	10/27/2015	13:36:10	0.004
308	10/27/2015	13:37:10	0.005
309	10/27/2015	13:38:10	0.005
310	10/27/2015	13:39:10	0.005
311	10/27/2015	13:40:10	0.006
312	10/27/2015	13:41:10	0.006
313	10/27/2015	13:42:10	0.005
314	10/27/2015	13:43:10	0.005
315	10/27/2015	13:44:10	0.005
316	10/27/2015	13:45:10	0.006
317	10/27/2015	13:46:10	0.006
318	10/27/2015	13:47:10	0.006
319	10/27/2015	13:48:10	0.009
320	10/27/2015	13:49:10	0.007
321	10/27/2015	13:50:10	0.007
322	10/27/2015	13:51:10	0.007
323	10/27/2015	13:52:10	0.007
324	10/27/2015	13:53:10	0.007
325	10/27/2015	13:54:10	0.007
326	10/27/2015	13:55:10	0.007
327	10/27/2015	13:56:10	0.005
328	10/27/2015	13:57:10	0.008
329	10/27/2015	13:58:10	0.007
330	10/27/2015	13:59:10	0.008
331	10/27/2015	14:00:10	0.011
332	10/27/2015	14:01:10	0.011
333	10/27/2015	14:02:10	0.013
334	10/27/2015	14:03:10	0.007
335	10/27/2015	14:04:10	0.007
336	10/27/2015	14:05:10	0.004
337	10/27/2015	14:06:10	0.003
338	10/27/2015	14:07:10	0.006
339	10/27/2015	14:08:10	0.004
340	10/27/2015	14:09:10	0.005
341	10/27/2015	14:10:10	0.003
342	10/27/2015	14:11:10	0.005
343	10/27/2015	14:12:10	0.006

Test Data			
Data Point	**Date**	**Time**	**AEROSOL mg/m^3**
344	10/27/2015	14:13:10	0.003
345	10/27/2015	14:14:10	0.003
346	10/27/2015	14:15:10	0.004
347	10/27/2015	14:16:10	0.003
348	10/27/2015	14:17:10	0.004
349	10/27/2015	14:18:10	0.004
350	10/27/2015	14:19:10	0.005
351	10/27/2015	14:20:10	0.008
352	10/27/2015	14:21:10	0.007
353	10/27/2015	14:22:10	0.006
354	10/27/2015	14:23:10	0.007
355	10/27/2015	14:24:10	0.008
356	10/27/2015	14:25:10	0.009
357	10/27/2015	14:26:10	0.006
358	10/27/2015	14:27:10	0.007
359	10/27/2015	14:28:10	0.005
360	10/27/2015	14:29:10	0.004
361	10/27/2015	14:30:10	0.004
362	10/27/2015	14:31:10	0.005
363	10/27/2015	14:32:10	0.008
364	10/27/2015	14:33:10	0.006
365	10/27/2015	14:34:10	0.007
366	10/27/2015	14:35:10	0.009
367	10/27/2015	14:36:10	0.010
368	10/27/2015	14:37:10	0.008
369	10/27/2015	14:38:10	0.012
370	10/27/2015	14:39:10	0.008
371	10/27/2015	14:40:10	0.010
372	10/27/2015	14:41:10	0.009
373	10/27/2015	14:42:10	0.008
374	10/27/2015	14:43:10	0.007
375	10/27/2015	14:44:10	0.005
376	10/27/2015	14:45:10	0.006
377	10/27/2015	14:46:10	0.005
378	10/27/2015	14:47:10	0.006
379	10/27/2015	14:48:10	0.016
380	10/27/2015	14:49:10	0.030
381	10/27/2015	14:50:10	0.049
382	10/27/2015	14:51:10	0.043

APPENDIX F

Product Identification Report

Technical Report

prepared for:

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Scott Spitzer

Report Date: 12/03/2014
Client Project ID: GQ14076
York Project (SDG) No.: 14K0778

Report Date: 12/03/2014
Client Project ID: GQ14076
York Project (SDG) No.: 14K0778

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Scott Spitzer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 21, 2014 and listed below. The project was identified as your project: **GQ14076**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
14K0778-01	MW4-NAPL-01	Oil	11/14/2014	11/21/2014

General Notes for York Project (SDG) No.: 14K0778

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Date: 12/03/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: MW4-NAPL-01 **York Sample ID:** 14K0778-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14K0778	GQ14076	Oil	November 14, 2014 3:00 pm	11/21/2014

Petroleum Identification

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Oil Preparation for GC

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Petroleum Identification	Pattern resembles weathered Fuel Oil No. 2/Diesel		ID only			1	EPA 8015D	12/02/2014 09:03	12/03/2014 10:33	JW

Notes and Definitions

GC-05 Pattern resembles weathered Fuel Oil No. 2/Diesel Oil

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 14K0778

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: ESI	SAME Scott Spitzer	SAME Brenda	GQ14076	RUSH-Same Day	Summary Report X
Address: 24 Davis Avenue	Name:	Name:		RUSH-Next Day	QA Report
Poughkeepsie, NY	Company:	Company:	Purchase Order #	RUSH-Two Day	CT RCP
Phone.: (845) 452-1658	Address:	Address:		RUSH-Three Day	CT RCP DQA/DUE Pkg
Contact: Scott Spitzer			GQ14076.20	RUSH-Four Day	NY ASP A Package
E-mail:	E-mail:	E-mail	Samples from CT__NY__NJ__	Standard (5-7day) X	NY ASP B Package
					NJDEP Reduced Deliv
					Excel X
					NYSDEC EQuIS
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to: NYSDEC 375
					OTHER:

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Scott Spitzer
Name (printed)

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	DateSampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW4-NAPL-01	11/14/2014	Other (LNAPL)	Petroleum Identification	1 X 40ml vial

Comments:

ID for free product only (not water)

Preservation (check all applicable): 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time	Temperature on Receipt
				4.0 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
			11-21-14 1600	

APPENDIX G

Data Usability Summary Reports
(To Be Provided)

APPENDIX H

Laboratory Reports
(To Be Provided)