

Comprehensive Site Assessment

**101-21 101st Street
Queens, New York 11231**



Prepared For:

MRA LLC
633 East 19th Street
Brooklyn, New York 11230

October 6, 2023

Touchstone Project Number: 230068

Comprehensive Site Assessment

**101-21 101st Street
Queens, New York 11416**

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Touchstone Environmental Geology, PC appreciates the opportunity to work for MRA LLC at the property located at 101-21 101st Street, in Queens, New York.

This report was completed according to the terms and conditions authorized by you the Client. This report has been completed in conformance with the ASTM Standard E1527-21.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined. We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report.

Very Truly Yours,

x 

Rachel Ataman, PG
President
Touchstone Environmental Geology, PC

x 

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1.0 EXECUTIVE SUMMARY

At the request of MRA LLC, Touchstone Environmental Geology, PC has performed a Comprehensive Environmental Site Assessment (Phase I Environmental Site Assessment (ESA) and Phase II ESA) of the property located at 101-21 101st Street in Queens, New York (herein referred to as the "Subject Property").

The main objective of the Phase I ESA portion of the assessment was to identify *recognized environmental conditions (RECs)* in connection with the Subject Property, defined in ASTM Practice E 1527-21 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment, or 3) under conditions that pose a material threat of a future release to the environment. Touchstone did not identify any historic recognized environmental conditions (HRECs), controlled recognized environmental conditions (CRECs), or *de minimis conditions* in connection with the Subject Property.

The Phase I portion of the assessment identified the following recognized environmental conditions (RECs) at the Subject Property:

- The presence of a suspect heating oil underground storage tank (UST) at the Subject Property. During the site reconnaissance, Touchstone identified the presence of a suspect fill port and suspect vent pipe along the sidewalk of 101st Street. The Subject Property owner, Mr. James Rueda, indicated he was not familiar with the presence of a UST at the Subject Property. Oil boilers are not present at the property. However, based upon the presence of a suspect vent pipe and fill port on the sidewalk of 101st Street a heating oil UST may be present at the Subject Property. The suspect presence of a UST is considered to represent a Recognized Environmental Condition (REC).
- The presence of a suspect leaking hydraulic oil freight elevator. A spill tray and oil-soaked absorbent pads were identified beneath the elevator machinery indicating oil has/had leaked from the equipment. Based upon the identification of a spill tray and oil pads beneath the elevator piping and equipment, the suspect leaking of hydraulic oil from the hydraulic elevator is considered to represent a Recognized Environmental Condition (REC).
- During site reconnaissance, interior floor drains were observed in the Subject Property basement. No odors, staining or releases were observed associated with the interior floor drains. While the Subject Property is connected to the municipal

- sewer system, there is still the potential that the floor drains could have been impacted during the use of the Subject Property buildings as machine shops associated with the former owner, Ozone Industries. Based upon the historical use of the Subject Property as Ozone Industries' machine shops, the presence of interior floor drains at the Subject Property basement is considered to represent a Recognized Environmental Condition (REC).
- Touchstone identified the presence of multiple monitoring wells in the Subject Property sidewalk along 101st Street and one monitoring well in the Subject Property parking lot. Touchstone was unable to confirm the purpose of the monitoring wells; however, they are most likely associated with the Ozone Industries State Hazardous Waste Site, ID 2-41-033. The presence of monitoring wells along the Subject Property boundaries was considered to represent a recognized environmental condition (REC) and was further investigated during the Phase II portion of this assessment.
 - According to a review of historical City Directories and Sanborn Maps, from approximately 1966 to 2004 the Subject Property was used as a machine shop or for manufacturing in association with Ozone Metal Products Company/Ozone Industries. The Ozone Industry Properties identified as 100th Street between 101st and 103rd Avenues (which has included the Subject Property (101-21 101st Street), 101-32 101st Street, 101-57 100th Street, and "several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street)) is a State Hazardous Waste Site (SHWS) under the name Ozone Industries, Site No. 2-41-033. However, a review of the extensive remedial investigations and remedial efforts performed, indicates the Subject Property was not directly included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry SHWS. Therefore, the historical use of the Subject Property as a machine shop/manufacturing associated with the Ozone Industries property was considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. The Phase II portion of the assessment included the collection of soil, soil/sub-slab vapor, ambient air, and groundwater samples which determined that the historic use of the Subject Property and adjacent properties have impacted upon the environmental quality of the Subject Property (See Phase II Summary below for further details of the Phase II ESA results).
 - The adjacent properties to the west, 101-32 and 101-20 101st Street, are listed in several environmental databases related to the historic uses of the properties as a

dry cleaner (101-20 101st Street) and manufacturer (Ozone Industries, 101-32 101st Street) including the presence of chemical and petroleum tanks, multiple NYSDEC spills cases and the Ozone Industries State Hazardous Waste Site (SHWS) Site No. 2-41-0333. These adjacent Sites are considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and were further investigated during the Phase II ESA portion of this assessment.

- The Subject Property is associated with three former underground storage tanks (USTs); one closed in place 1,080-gallon UST containing trichloroethylene (TCE), one closed in place 2,500-gallon No. 4 fuel oil UST, and one removed, 2,500-gallon No. 4 fuel oil UST. These USTs were closed without proper documentation. The 1,080-gallon TCE UST appears to be associated with a closed NYSDEC spill case. During a prior Phase II ESA conducted on the Subject Property by Vertex, soil probes, groundwater probes, vapor probes and indoor air sampling was conducted around the former USTs. While no impacts were identified in the soil samples installed around the USTs at concentrations exceeding regulatory standards, elevated levels of chlorinated volatile organic compounds (CVOCs) were identified in the groundwater and soil vapor near the USTs. Vortex concluded that the highest concentration of TCE in the sub-slab gas samples were detected in the vicinity of the TCE UST and downgradient of the TCE UST. Additionally, the greatest concentration of CVOCs in the groundwater were detected in the vicinity of the abandoned TCE UST and downgradient of the UST. Touchstone was not made aware of these USTs prior to the performance of the Phase II ESA. The presence of abandoned in place USTs at the Subject Property including the TCE UST is considered a Recognized Environmental Condition (REC).

Additionally, the following *considerations outside the scope of the ASTM Practice E 1527-21* were identified:

- Touchstone conducted a limited visual screening survey for the presence of asbestos-containing materials (ACM) at the Subject Property. Touchstone identified friable suspect ACM in the form of textured ceiling and wall surfacing materials, sheetrock/joint compound composite material, and 2'x4' white perforated acoustical ceiling tile, and non-friable suspect ACM in the form of vinyl floor tile and associated mastic, sheet vinyl flooring and associated mastic, various construction mastics and caulking, and roofing materials. These materials were observed to be undamaged and in good condition at the time of assessment. Please note that this survey was limited to visual observations of accessible areas and that the scope of work for this assessment did not include the collection and

laboratory analysis of bulk samples of suspect ACM. Additional suspect ACM may be present in inaccessible areas, including, but not limited to, roofs, pipe chases behind solid walls and ceilings, concealed floor coverings, the interior of machinery or equipment, or water and sewer systems. Based on the condition of suspect ACM, these materials do not currently pose a significant environmental threat to the occupants of the Subject Property. Suspect ACM do not present a problem when maintained in good condition. However, additional sampling, removal, and disposal arrangements may be necessary should building construction or renovation activities be conducted. Asbestos is a consideration outside the scope of ASTM E 1527-21 and is not considered a recognized environmental condition (REC).

- Touchstone identified the presence of water and staining/discoloration on the Subject Property ceiling indicating the potential presence of leaking and/or mold in these areas. Based upon the current conditions and maintenance of the Subject Property, the presence of water and staining/discoloration on the Subject Property ceiling is considered unlikely to impact upon the environmental quality of the Subject Property. Mold is a consideration outside the scope of ASTM E 1527-21 and is not considered to represent a recognized environmental condition (REC).
- From approximately 1966 to 2004 the Subject Property was used as a machine shop or for manufacturing is associated with Ozone Metal Products Company/Ozone Industries. As previously discussed, in Section 5.1.2 and 5.2 of this report, the Ozone Industry Properties identified as 100th Street between 101st and 103rd Avenues (which has included the Subject Property (101-21 101st Street), 101-32 101st Street, 101-57 100th Street, and "several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street)) is a State Hazardous Waste Site (SHWS) under the name Ozone Industries, Site No. 2-41-033. However, a review of the extensive remedial investigations and remedial action reports performed, indicates the Subject Property was not included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry State Hazardous Waste site. Based upon the use of the Subject Property for manufacturing purposes from at least 1966 through 2004, there is a potential that PFAS compounds were used at the Subject Property. The suspect presence of PFAS at the Subject Property is beyond the scope of work of this Phase I ESA; therefore, the suspect presence of PFAS at the Subject Property is considered to represent a business environmental risk (BER).

The main objective of the Phase II portion of this assessment was to determine if the historic use of the Subject Property as a machine shop within Ozone Industries (SHWS Site

No. 2-41-033) as well as the adjacent use of the surrounding properties as Ozone Industries has impacted upon its environmental quality. The Phase II portion of this assessment consisted of the investigation of soil, soil vapor, sub-slab vapor and indoor air. An existing off-site monitoring well was also sampled.

The results of the Phase II ESA indicate the remediation of State Hazardous Waste Site (SHWS) Ozone Industries, Site No. 2-41-033 is incomplete. There are significant levels of chlorinated volatile organic compounds (CVOCs) present in the soil, groundwater, soil vapor and indoor at the Subject Property, located at 101-21 101st Street. This property is a component of the State Hazardous Waste Site, Site No. 2-41-033.

Levels of trichloroethylene (TCE) exceeding the Unrestricted Use Soil Cleanup Objective (UUSCO) were identified in the shallow soil (2.5 to 5 feet) in the northern and southern portions of the subject property as evidenced by the result of SP-1 (650 micrograms per kilogram ($\mu\text{g}/\text{kg}$)) and SP-5 (5,800 $\mu\text{g}/\text{kg}$). The UUSCO for TCE is 470 $\mu\text{g}/\text{kg}$. The concentrations of TCE identified in the soil do not exceed the Commercial Use Soil Cleanup Objective for TCE of 200,000 $\mu\text{g}/\text{kg}$. **Tables 1A, 1B** and **1C** further provide the soil analytical results.

Groundwater beneath the Subject Property was not collected during this investigation. However, a monitoring well located beneath the sidewalk of 101st Street along the western property boundary was sampled and the results indicate levels of Tetrachloroethylene (PCE) and TCE are present at concentrations slightly exceeding the NYSDEC Technical Operations Guidance Series (TOGS) Ambient Water Quality Standards and Guidance Values (AWQS GV). PCE was detected at a concentration of 5.5 $\mu\text{g}/\text{L}$ and TCE was detected at a concentration of 5.7 $\mu\text{g}/\text{L}$. The groundwater quality standard for PCE and TCE is 5.0 $\mu\text{g}/\text{L}$. The groundwater contamination is most likely associated with the historic use of the Subject Property and surrounding properties as Ozone Industries (SHWS Site No. 2-41-033). Groundwater analytical results are provided in **Tables 2A** and **2B**.

Additionally, it should be noted that groundwater beneath the Subject Property was previously investigated by Vertex in May 2022. The results of their investigation indicate levels of TCE and PCE are present in the groundwater beneath the site at concentrations slightly exceeding the NY-TOGS GA. The concentrations of PCE detected range from 7.2 $\mu\text{g}/\text{L}$ to 7.7 $\mu\text{g}/\text{L}$ and the concentrations of TCE range from 7.5 $\mu\text{g}/\text{L}$ to 22 $\mu\text{g}/\text{L}$.

The results of the soil vapor intrusion survey indicated that the Subject Property is being impacted by the historic use of the site and or the surrounding properties Ozone Industries (SHWS Site No. 2-41-033). This is evidenced by the elevated levels of cis-1,2-Dichloroethene, TCE and PCE in the soil vapor, sub-slab vapor and indoor air. Specifically, cis-1,2-Dichloroethene was detected at concentrations ranging from 99.1 $\mu\text{g}/\text{m}^3$ SV-1 to

507 ug/m³ in SS-2. The compound Trichloroethene (TCE) was detected at concentrations ranging from 2,510 ug/m³ in SS-1 to 49,000 ug/3 in SS-2 and Tetrachloroethylene (PCE) was detected at concentrations ranging from 85.4 ug/3 in SV-2 to 49,000 ug/m³ in SS-2.

Furthermore, these compounds appear to be intruding into the indoor air, as elevated levels of cis-1,2-Dichloroethene, TCE and PCE have been detected in the indoor air samples. Based upon these results and in accordance with the New York State Department of Health Decision (NYSDOH) Soil Vapor Intrusion (SVI) Matrices, mitigation is required to address the elevated levels of chlorinated solvents in the sub-slab, soil vapor and indoor air. Additionally, unregulated petroleum compounds were detected in the soil vapor and ambient air samples. **Appendix H** provides the laboratory analytical results. **Appendix I** provides the NYSDOH SVI Decision Matrices. Soil vapor and ambient air analytical results are provided in **Table 3**.

2.0 INTRODUCTION & SCOPE OF WORK

2.1 Introduction

Touchstone Environmental Geology PC ("**Preparer**") has been retained by MRA LLC (the "**User**") to perform a performed a Comprehensive Environmental Site Assessment (Phase I Environmental Site Assessment (ESA) and Phase II ESA) of the property located at 101-21 101st Street in Queens, New York herein referred to as the Subject Property. The User is the "**owner**" of the property. The property will hereafter be referred to as the "**Subject Property**".

The purpose of the Phase I ESA portion of the assessment was to identify *recognized environmental conditions (RECs)* in connection with the Subject Property, defined in American Society of Testing and Materials (ASTM) Practice E 1527-21 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment, or 3) under conditions that pose a material threat of a future release to the environment. The Phase I ESA included ASTM outside the scope items such as lead paint, asbestos containing materials or mold. Similarly, the goal of an AAI-compliant Phase I Assessment is to identify "conditions indicative of releases or threatened releases of hazardous substances..." (40 CFR Part 312).

To this end, Touchstone Environmental Geology PC, has collected information through a number of sources including, but not limited to: a property and neighborhood inspection by trained environmental personnel, a review of historical and current information collected from various federal, state, county and municipal agencies and personnel interviews with Site representatives. Firms subcontracted by Touchstone Environmental Geology PC and the User may have collected some information used in this report. Some or all of the Assessment has been performed or supervised by environmental professionals as required by 40 CFR Part 310. The procurement of Title and Judicial Records for Environmental Liens and/or Activity and Use Limitations ("AULs") by Touchstone Environmental Geology PC is beyond the scope of this practice (ASTM E1527-21) and investigation.

The main objective of the Phase II portion of this assessment was to determine if the historic use of the Subject Property as a machine shop within Ozone Industries as well as the historic use of the surrounding properties as Ozone Industries has impacted upon its environmental quality. The Phase II portion of this assessment consisted of the

investigation of soil, soil vapor, sub-slab vapor and indoor air. An existing off-site monitoring well was also sampled.

2.2 Scope of Work

The general activities of the Phase I Assessment portion of the assessment included the performance of the following tasks:

1. A detailed inspection of the Site and its general vicinity.
2. A review of all reasonably ascertainable regulatory agency documents.
3. A neighborhood hazardous waste survey utilizing Federal and State databases.
4. A review and evaluation of reasonably ascertainable geologic and hydrogeologic reference materials.
5. Interviews with representatives of the Site.
6. ASTM E2600 vapor encroachment screening.
7. Preparation of a Phase I Environmental Site Assessment.

The scope of work also included consideration of the following potential environmental conditions that are outside of the scope of ASTM Practice E1527-21: asbestos containing materials, lead-based paint (LBP), lead in drinking water, radon, emerging compounds, and mold.

The Phase I ESA was performed in accordance with both ASTM E 1527-21 and the AAI Rule except where noted in Section 2.3. As required by ASTM & AAI, the user has supplied information that has been relied upon by Touchstone Environmental Geology PC in the rendering of findings, conclusions, and opinions, except where indicated in Section 2.3 or elsewhere in the report.

The Phase II ESA portion of the assessment included the following tasks:

- The installation and sampling of five soil probes throughout the Subject Property.
- The analysis of five soil samples for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270BN, and TAL Metal compounds via EPA Method 6010.
- The collection of one groundwater sample from an existing monitoring well located on the sidewalk to the west of the Subject Property along 101st Street. The groundwater sample was analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) via EPA Method 8260 and EPA Method

8270BN, respectively.

- The installation of two sub-slab vapor probes and two soil vapor probes and the collection of two sub-slab soil vapor samples, two soil vapor samples, one indoor air sample, and two indoor air samples. The soil/sub-slab vapor samples, and ambient air samples were analyzed for VOCs via EPA Method TO-15.
- The preparation of this Comprehensive Phase I and Phase II ESA report.

2.3 Limitations, Deviations and Exceptions

This Phase I Assessment is not intended to address the soil/groundwater quality at the Subject Property for general Site characterization or waste disposal purposes. This Comprehensive Site Assessment is not intended to evaluate the fair market price of the property if it is not affected by hazardous or petroleum products.

Portions of this report have been prepared utilizing information provided by third party sources or the user. As such, Touchstone Environmental Geology PC relies upon these sources and has recorded findings, conclusions and opinions based upon this information. Touchstone Environmental Geology PC cannot attest to the accuracy of this information but where possible had attempted to verify the information.

It should be noted that the USEPA has determined in their final ruling (40 C.F.R. Part 312, Standards and Practices for All Appropriate Inquiries) of November 1, 2013 that "persons conducting all appropriate inquiries may use the procedures included in the ASTM E1527-13 standard to comply with today's final rule." Therefore, while all appropriate inquiry could be considered satisfied as this ESA was prepared in exceedance of the ASTM E1527-13 standard, persons attempting to utilize this ESA while seeking one of CERCLA's LLPs must note that; a) they will not maintain CERCLA liability protections unless they also comply with all of the continuing obligations established under the statute that are beyond the scope of this practice (ASTM E1527-21) and investigation; and b) in order to qualify for one of the CERCLA LLPs, the person commissioning the Phase I Environmental Site Assessment must have provided site-specific information (if available) to Touchstone Environmental Geology PC before the date of this ESA, otherwise a determination could be made that all appropriate inquiry is not complete.

2.4 Data Gaps

Any data gaps identified herein, as defined by ASTM Practice E1527-21 § 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 SUBJECT PROPERTY DESCRIPTION

3.1 Ownership and Location

According to the New York City Department of Finance, the Subject Property is currently owned by MRA LLC. The Subject Property is located at 101-21 101st Street in the Ozone Park neighborhood of Queens, NY, and totals approximately 0.74 acres. The Subject Property is located approximately 200 feet southeast of the intersection of 101st Avenue and 101st Street. **Figure 1 – Location Map** depicts the location of the Subject Property on a street map of Jamaica, New York. **Figure 2 – Site Plan** depicts the configuration of the Subject Property and adjoining properties.

3.2 Subject Property Description

The Subject Property consists of one rectangular-shaped tax lot identified as 101-21 101st Street (Block 9419, Lot 49) in the Ozone Park neighborhood of Queens, New York. The Subject Property is additionally identified with the following alternate/historical addresses 101-17 through 101-49 101st Street. The Subject Property totals approximately 0.74 acres in area and contains one two-story building utilized for self-storage located on the northern portion of the property. The Subject Property building was reportedly constructed in 1947 and was altered in 1996. There is an approximately 9 foot by 8 foot and 7-foot-deep basement present beneath the northwestern portion of the Subject Property building and an approximately 100 foot by 10 foot and 10-foot-deep basement present beneath the western-central portion of the Subject Property building. The building is heated with natural gas/forced hot air. A parking lot covered with asphalt is present to the south of the Subject Property building and concrete covered walkways are present to the east of the Subject Property building. There are currently no industrial or manufacturing operations conducted at the Subject Property.

3.3 Adjacent Land Use

The Subject Property is in a residential and commercial area. The following properties are identified immediately adjacent to the Subject Property:

<u>Direction</u>	<u>Adjacent Parcel</u>	<u>Surrounding Parcels</u>
North	Residential properties (101-13 101 st Street, 101-18 102 nd Street, and 101-20 102 nd Street).	Residential
East	Multiple residential properties along 102 nd Street (101-26 through 101-52 102 nd Street).	Residential
Southeast	A residential property (101-54 102 nd Street),	Residential

South	A self-storage warehouse building (101-09 103 rd Street).	Commercial
Southwest	101 st Street, beyond which is located an unlicensed parking lot (101-50 101 st Street) and a heavy manufacturing factory building (100-57 103 rd Avenue).	Parking Lot / Commercial
West	101 st Street, beyond which are located an unlicensed parking lot with no address, an office building (101-32 101 st Street). And an industrial building (101-20 101 st Street).	Commercial / Warehouse

No visual evidence of adverse environmental conditions was observed during the survey of the adjoining properties. The adjacent properties identified in the regulatory database are discussed in Section 5.1 of this report.

3.4 Environmental Setting

3.4.1 Services and Utilities

The Subject Property is serviced through the following utility providers:

Water	New York City Department of Environmental Conservation
Sanitary Sewer	New York City Department of Sanitation
Electricity	Consolidated Edison
Natural Gas	Consolidated Edison
Trash Hauler	New York City Department of Sanitation
Fuel Oil	Not Applicable
Emergency Generator	Not Applicable

3.4.2 Topography

The Subject Property is relatively flat with a slight downward slope to the south southwest. The topography of the area is best described as flat. No outcrops of bedrock were noted during the Site Reconnaissance. According to the United States Geological Survey (USGS) Jamaica, NY 7.5 Minute Series topographic map, the Subject's topographic elevation is approximately 39 feet above sea level.

3.4.3 Surface Water and Wetlands

Surface Waters

There are no bodies of water on or adjacent to the Subject Property. The nearest body of water is the Shellbank Basin of Jamaica Bay, located approximately 1.55 miles south of the Subject Property.

Wetlands

According to the National Wetlands Inventory, US Department of Interior, Fish and Wildlife Service, no federally regulated wetlands were identified on the Subject Property. Additionally, Touchstone Environmental Geology, PC, P.G. did not observe vegetation characteristic of wetlands at the Subject Site.

No wetland habitats are located within 0.25 miles of the Subject Property.

3.4.4 Soils, Geology and Groundwater

Soils, Geology

The Subject Property is located in Queens, New York which is located in the western portion of Long Island. Long Island consists of a wedge-shaped mass of unconsolidated deposits that overlie ancient basement rock. The Subject Property is located within the Embayed section of the Coastal Plain physiographic province, which is characterized by areas of low relief and consists of Cretaceous Coastal Plain sediments, primarily clay, sand, and gravel, that overlie igneous and metamorphic rocks that crop out in Connecticut. The surface of these rocks slopes to the southeast, and the overlying Coastal Plain sediments slope and thicken in the same direction. Quaternary glacial deposits, primarily out-wash sand, and gravel, cover the Coastal Plain sediments on Long Island to depths of as much as 600 feet.

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.

According to the Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) website (<http://websoilsurvey.nrcs.usda.gov/app/>), the dominant soil composition in the vicinity of the Subject Property is classified as Urban Land, outwash substratum, with 0 to 3 percent slopes (UoA). Urban land 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.

According to the Environmental Data Resources, Inc. (EDR) GeoCheck Physical Setting Source Summary, the dominant soil composition in the vicinity of the Subject Property is classified as Urban Land.

Groundwater

Under natural, undisturbed conditions, shallow groundwater flow generally follows the topography of the land surface and on this basis the topography suggests that groundwater flow across the Subject Property is towards the south southwest in the direction of Jamaica Bay. Site specific groundwater flow direction can only be confirmed through the installation and surveying of at least three monitoring wells. The site-specific groundwater flow direction was not confirmed during the Phase II portion of this assessment.

Based upon the information provided in prior reports summarized in Section 5.2 of this report, the depth to groundwater in the vicinity of the Subject Property is approximately 30 feet below the surface and groundwater in the area flows to the south southwest.

According to the USGS Depth to Groundwater in the New York Metropolitan Area map, the depth to groundwater at the Subject Property is estimated to be between approximately 21 to 30 feet below land surface.

4.0 USER PROVIDED INFORMATION

The following section summarizes information provided by The User, MRA LLC with regard to this Phase I Environmental Site Assessment. Additionally, a User Questionnaire was forwarded to the designated Client contact. As of the date of this report, the User Questionnaire has not been completed or returned to our offices. The information requested in the User Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property. The User Questionnaire is further discussed in Section 8.0.

4.1 Title Records

Title record information associated with the Subject Property has not been provided by The User, MRA LLC.

4.2 Environmental Liens and Activity and Use Limitations

The User, MRA LLC has provided no information regarding environmental liens or activity and use limitations in connection with the Subject Property.

4.3 Specialized Knowledge

The User, MRA LLC provided no specialized knowledge that is material to recognized environmental conditions in connection with the Subject Property. Touchstone Environmental Geology PC 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.

4.4 Commonly Known or Reasonably Ascertainable Information

The User, MRA LLC has 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.

4.5 Valuation Reduction for Environmental Issues

The User, MRA LLC has provided no information regarding valuation reduction for environmental issues in connection with the Subject Property.

4.6 Owner, Property Manager, and Occupant Information

The User, MRA LLC provided contact information for the Subject Property owner, manager and/or occupants.

4.7 Reason for Performing Phase I ESA

The User, MRA LLC retained Touchstone Environmental Geology PC to complete this combined Phase I Environmental Site Assessment and Phase II Report in connection with a real estate transaction.

5.0 Records Review

5.1 Standard Environmental Records

A review of standard environmental databases maintained by Federal, state, and tribal offices was completed through Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut. The databases were searched for properties with reported environmental conditions located within approximate minimum search distances as specified by ASTM Standard E 1527-13, by using geocoding information that identified the coordinates of the properties in the databases or by checking the street addresses of practically reviewable non-geocoded "orphan" properties within the same zip code. The database report is presented in **Appendix A**.

It should be noted that plotted locations of listed sites are not always accurate. With regard to listings that are determined or suspected to be inaccurate, based on information from other sources such as direct observation or consultation with individuals familiar with the property, Touchstone Environmental Geology PC uses the best available data when evaluating the location of listed sites discussed below.

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	1
Federal RCRA CORRACTS Sites	1.0 mile	No	0
Federal RCRA non-CORRACTS TSD Sites	0.5 mile	No	0
Federal RCRA Generators Sites	Property & Adjoining	No	2
Federal Engineering / Institutional Control Sites	0.5 mile	No	0
Federal ERNS Sites	Property	No	NA
State and Tribal equivalent NPL Sites	1.0 mile	No	3
State and Tribal Spills Sites	0.125 mile	No	11

SUMMARY OF FEDERAL, STATE, AND TRIBAL AGENCY DATABASE FINDINGS			
Regulatory Database	Approximate Minimum Search Distance	Subject Property Listed	Off-site Listings Within Search Distance
State and Tribal Landfill or Solid Waste Disposal Sites	0.5 mile	No	1
State and Tribal Leaking Storage Tank Sites (regulated and unregulated)	0.5 mile	No	18
State and Tribal Registered Storage Tank Sites	0.25 to 0.50 miles	No	29
State and Tribal Engineering / Institutional Control Sites	0.5 mile	No	0
State and Tribal Voluntary Cleanup Sites	0.5 mile	No	0
State and Tribal Brownfield Sites	0.5 mile	No	0
Local Lists of Registered Storage Tanks	0.5 mile	No	0
MANIFEST	Property	Yes	NA

5.1.1 Federal Agency Database Records

National Priority List (NPL)

The NPL database, also known as the Superfund List, is a subset of CERCLIS and identifies sites that are ranked as high priority for remedial action under the Federal Superfund Act.

Delisted National Priority List (NPL)

The National Oil and Hazardous Substance 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.

Superfund Enterprise Management System (SEMS)

SEMS tracks federal hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of the USEPA's Superfund Program. The list was formerly known as CERCLIS and was renamed at the end of 2015. The list contains data regarding potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies, and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Action (CERCLA). SEMS also contains sites that are either proposes to or on the National Priority List (NPL), as well as sites that are in the screening and assessment phase for the possible inclusion of the NPL.

SEMS-Archive

SEMS-Archive tracks sites that have been removed from the SEMS list. This list was formerly known as the CERCLIS-NFRAP list and was renamed SEMS-Archive at the end of 2015. SEMS-Archive sites may be sites where, following an initial investigation, no contamination was found, contamination was removed without the need for the site to be placed on the NPL, or the contamination was not considered sufficient to warrant Federal Superfund action or NPL consideration.

Resource Conservation and Recovery Act (RCRA) – Corrective Action Tracking System (CORRACTS)

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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 TSD facilities that have conducted, or are currently conducting, corrective action(s) as regulated under RCRA.

RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) Facilities

RCRA non-CORRACTS Treatment, Storage and/or Disposal (TSD) facilities are required to register hazardous waste activity under the Resource Conservation and Recovery Act (RCRA).

RCRA Hazardous Waste Generators

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 (CESQG). A RCRA-LQG is defined as a facility that generates over 1,000 kilograms (Kg) of hazardous waste, or over 1 Kg of acutely hazardous waste per month. A RCRA-SQG is defined as a facility that generates between 100 Kg and 1,000 Kg of hazardous waste per month. A RCRA-CESQG is defined as a facility that generates less than 100 Kg of hazardous waste, or less than 1 Kg of acutely hazardous waste per month.

Federal Engineering Control / Institutional Control Registries

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.

Emergency Response Notification System (ERNS)

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.

5.1.2 State and Tribal Agency Database Records

State and Tribal equivalent CERCLIS Sites

State and tribal equivalent CERCLIS databases were searched for sites located within 1.0 mile of the Subject Property.

State and Tribal Spills Sites (Spills)

A review of available Spills databases 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 or any sites within 0.125 miles.

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.

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.

State and Tribal Registered Storage Tanks

The State Registered Storage Tanks database is a listing of sites with registered above ground and/or underground storage tanks.

State and Tribal Engineering Control / Institutional Control Registries

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.

State and Tribal Voluntary Cleanup Sites

The Voluntary Cleanup Program (VCP) Properties database identifies low threat level properties with either confirmed or unconfirmed releases, for which the project proponents have requested that Department of Toxic Substances Control (DTSC) oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

State and Tribal Brownfield Sites

Brownfields are properties for which the expansion, redevelopment, or reuse may be complicated by the presence or potential presence of a hazardous substance, pollutant or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Listing as a Brownfield site or a property that may be within a larger designated Brownfield area, does not necessarily indicate the property itself is contaminated.

Local Lists of Registered Storage Tanks

The Local Registered Storage Tanks database is a listing of sites with registered above ground and/or underground storage tanks.

5.1.3 Federal, State and Tribal Database Records Summary

Subject Property Listings:

Facility Name:	CON EDISON
Address:	101-21 101st Street
Distance:	Subject Property
Direction:	NA
Hydrogeologic Position:	NA
Databases Listed:	MANIFEST
Identification Number(s):	EPA ID NYP004778899

Comments	The Subject Property identified as Con Edison is listed on the NY MANIFEST database under EPA ID NYP004778899. According to the database, Con Edison generated approximately 500 pounds of hazardous waste at the Subject Property in May 2015. Based upon the listing being associated with Con Edison and the absence of spills or releases listed at the Subject Property, this listing is considered unlikely to represent an environmental concern.
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Facility Name:	OZONE INDUSTRIES
Address:	100 th St. Between 101 st and 103 rd Avenues
Distance:	Subject Property Included
Direction:	NA
Hydrogeologic Position:	NA
Databases Listed:	SHWS, VAPOR REOPENED
Identification Number(s):	Site Code 241033, Site Code 58595
Comments	The Subject Property appears to be included within the State Hazardous Waste Site (SHWS) and VAPOR REOPENED 0.25-acre boundaries for Ozone Industries. The Vapor Reopened database indicates Ozone Industries is listed under Site Code 241033 and the facility status is listed as "underway." According to the SHWS database, Ozone Industries is listed in the Hazardous Waste Program under Site Code 58595/HW Code 241033 and is classified as a "Significant threat to the public health or environment – action required). The SHWS database indicates "the site is located within a block that is bounded by 99th and 100th Streets to the east and west, and by 101st and 103rd Avenues to the north and south, in the Ozone Park section of Queens. The site consists of eight bays (8 through 15) situated beneath an abandoned, elevated Long Island Railroad (LIRR) right-of-way. The bays are situated between the LIRR support structure. Each bay is approximately 25 feet by 60 feet." The Former Ozone Industries tenant occupied the adjacent property complex located at 101-32 101 st Street from 1948 to 1966, was expanded to include locations at the Subject Property (101-21 101 st Street), 101-32 101 st Street, 101-57 100 th Street, and "several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101 st Street. All bays were used in conjunction with the manufacture of aircraft parts and included storage of spent trichloroethene (TCE) (used in de-greasing activities) prior to pick up by their waste hauler." The database further indicates that groundwater is present at approximately 30-feet below the surface and flows to the south southwest through the Site. As a result of prior environmental investigations, the contaminants of concern at the Former Ozone Industries Site includes Trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) and "shallow subsurface soil, soil vapor and groundwater are impacted as a

result of stored drums of TCE in several bays below the abandoned elevated Long Island Railroad." Contaminants were identified in the following media:

- Soil: "Concentrations of TCE found in the on-site shallow soils (2 ppm to 150 ppm) exceed the soil cleanup objectives (SCOs) for the protection of groundwater (0.47 ppm). However, off-site shallow soil and all on-site and off-site deeper soils are well below the SCOs. The top four feet of contaminated soil was removed throughout the site (8 bays) in 2013;"
- Groundwater: "TCE and cis-1,2 DCE are in the on-site and off-site groundwater (32 feet deep) exceeding the groundwater standard of 5 ppb. Concentrations decreased significantly by August 2006 with on-site TCE at 7 ppb. TCE has migrated from the site several hundred feet down-gradient (south) with a maximum concentration of 260 ppb (August 2006)."
- Soil Vapor: "Sub-slab soil vapor below the floors of the site had concentrations of TCE as high as 363,000 ug/m³, but the results of soil vapor samples collected south of the site (below 103rd Avenue) in August 2006 were all non-detect."

The database further indicates "the site presents a significant environmental threat due to the potential release of contaminants from source areas into the groundwater." Based upon the "significant threat" of the Ozone Industries site which includes the Subject Property, this listing is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment (See Section 11 for further information).

As discussed in Section 5.2, Touchstone reviewed prior investigation and remedial reports for the Ozone Industries State Hazardous Waste Site (Site No. 2-41-033) on the NYSDEC Environmental Resource database (See Section 5.2 for further information). However, a review of the extensive remedial investigations and remedial efforts performed, indicates the Subject Property was not included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry State Hazardous Waste site. Therefore, the historical use of the Subject Property as a machine shop/manufacturing associated with the Ozone Industries property is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.

Adjoining Property Listings:

Facility Name:	METROPOLITAN GARMENT CLEANING, SUNFLOWER CLEANERS
Address:	101-20 101 st Street, 10120 101 st St
Distance:	Adjacent (84 feet)
Direction:	Northwest
Hydrogeologic Position:	Cross-gradient
Databases Listed:	DRYCLEANERS, EDR HIST CLEANER, RCRA-SQG, ICIS, US AIRS, MANIFEST
Identification Number(s):	EPA ID NYR000064907, FRS ID 110008105898, Facility ID 2-6307-01164
Comments	<p>The adjacent property to the northwest identified as Metropolitan Garment Cleaning, located at 101-20 101st Street, is listed in the RCRA Generators database as a Small Quantity Generator (SQG) under EPA ID NYR000064907. According to the database, Metropolitan Garment Cleaning is a generator of Tetrachloroethylene (TCE) and is historically listed as a SQG in 1998, 2006, and 2007. A violation was found on November 17, 2021 and while a compliance date was not provided, the database indicates the action was satisfied and the case was closed. Metropolitan Garment Cleaning is additionally listed in the ICIS and US AIRS MINOR databases under FRS ID 110008105898 indicating AIR violations were found and the facility is active. Metropolitan Garment Cleaning is additionally listed in the NY MANIFEST database under EPA ID NYR000064907 which indicates Metropolitan Garment Cleaning generated approximately 1170-pounds of hazardous waste in December 2014. Metropolitan Garment Cleaning is additionally listed in the DRYCLEANERS database under Facility ID 2-6307-01164 and indicates Metropolitan Garment Cleaning has a registration effective date of May 4, 2000. The DRYCLEANERS database does not indicate if Metropolitan Garment Cleaning is a drop-off facility. The adjacent property to the northwest is additionally listed in the EDR HIST CLEANER database under the name Sunflower Cleaners. The EDR HIST CLEANER database indicates drycleaners operated at the 101-20 101st Street property from at least 1999 through 2014 under the following names: Sunflower Cleaners (1999-2008), Metropolitan Garment (2002-2006), Metropolitan Garment Cleaning (2010-2014), Metropolitan Garment (2013-2014). According to a review of Google Maps and Yelp, Metropolitan Garment Cleaning currently operates at the adjacent property to the northwest. Based upon the distance (<100 feet), the generation of Tetrachloroethylene, and the continued operation of the drycleaner at the property, the operation of a drycleaner at the adjacent property to the northwest is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment (See Section 11 for further information).</p>

Facility Name:	OZONE INDUSTRIES
Address:	100 th St. Between 101 st and 103 rd Avenues
Distance:	Adjacent (23 feet)
Direction:	West
Hydrogeologic Position:	Cross-gradient
Databases Listed:	SHWS, VAPOR REOPENED
Identification Number(s):	Site Code 241033, Site Code 58595
Comments	<p>The adjacent property to the west appears to be included within the State Hazardous Waste Site (SHWS) and VAPOR REOPENED 0.25-acre boundaries for Ozone Industries. The Vapor Reopened database indicates Ozone Industries is listed under Site Code 241033 and the facility status is listed as "underway." According to the SHWS database, Ozone Industries is listed in the Hazardous Waste Program under Site Code 58595/HW Code 241033 and is classified as a "Significant threat to the public health or environment – action required). The SHWS database indicates "the site is located within a block that is bounded by 99th and 100th Streets to the east and west, and by 101st and 103rd Avenues to the north and south, in the Ozone Park section of Queens. The site consists of eight bays (8 through 15) situated beneath an abandoned, elevated Long Island Railroad (LIRR) right-of-way. The bays are situated between the LIRR support structure. Each bay is approximately 25 feet by 60 feet." The Former Ozone Industries tenant occupied the adjacent property complex located at 101-32 101st Street from 1948 to 1966, was expanded to include locations at the Subject Property (101-21 101st Street), 101-32 101st Street, 101-57 100th Street, and "several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street. All bays were used in conjunction with the manufacture of aircraft parts and included storage of spent trichloroethene (TCE) (used in de-greasing activities) prior to pick up by their waste hauler." The database further indicates that groundwater is present at approximately 30-feet below the surface and flows to the south southwest through the Site. As a result of prior environmental investigations, the contaminants of concern at the Former Ozone Industries Site includes Trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) and "shallow subsurface soil, soil vapor and groundwater are impacted as a result of stored drums of TCE in several bays below the abandoned elevated Long Island Railroad." Contaminants were identified in the following media:</p> <ul style="list-style-type: none"> • Soil: "Concentrations of TCE found in the on-site shallow soils (2 ppm to 150 ppm) exceed the soil cleanup objectives (SCOs) for the protection of groundwater (0.47 ppm). However, off-site shallow

	<p>soil and all on-site and off-site deeper soils are well below the SCOs. The top four feet of contaminated soil was removed throughout the site (8 bays) in 2013;"</p> <ul style="list-style-type: none"> • Groundwater: "TCE and cis-1,2 DCE are in the on-site and off-site groundwater (32 feet deep) exceeding the groundwater standard of 5 ppb. Concentrations decreased significantly by August 2006 with on-site TCE at 7 ppb. TCE has migrated from the site several hundred feet down-gradient (south) with a maximum concentration of 260 ppb (August 2006)." • Soil Vapor: "Sub-slab soil vapor below the floors of the site had concentrations of TCE as high as 363,000 ug/m3, but the results of soil vapor samples collected south of the site (below 103rd Avenue) in August 2006 were all non-detect." <p>The database further indicates "the site presents a significant environmental threat due to the potential release of contaminants from source areas into the groundwater." Based upon the "significant threat" of the Ozone Industries site which includes the Subject Property, this listing is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment (See Section 11 for further information).</p> <p>As discussed in Section 5.2, Touchstone reviewed prior investigation reports for the Ozone Industries State Hazardous Waste Site (Site No. 2-41-033) on the NYSDEC Environmental Resource database (See Section 5.2 for further information). The prior investigations of the Ozone Industries Site do not appear to have included investigations at the Subject Property. The historical use of the Subject Property as a machine shop associated with the Ozone Industries property is considered to represent a Recognized Environmental Condition (REC) and Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.</p>
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Facility Name:	OZONE INDUSTRIES_INC, 101-32 101 ST ST./OZONE IN
Address:	101-32 101 st St, 101-32 101 st Street,
Distance:	Adjacent (83-105 feet)
Direction:	West
Hydrogeologic Position:	Cross-gradient
Databases Listed:	State Tanks (CBS UST, CBS, AST, UST), State Spills (SPILLS), RCRA NONGEN/NLR, US AIRS, MANIFEST, State Leaking Tanks (LTANKS)
Identification	Facility ID 2-000073, 2-348155; PBS ID 2-348155; Spill No. 98-09441, 87-

Number(s):	04844, 87-04883; EPA ID NYD044689818; Facility Registry ID 110019762951
Comments	<p>The adjacent property to the west identified as Ozone Industries Inc, located at 101-32 101st Street, is listed in the State Tanks database with the following aboveground storage tanks (ASTs) and chemical bulk storage (CBS) tanks under New York State Department of Environmental Conservation (NYSDEC) Facility ID 2-000073 and in the underground storage tanks (USTs) database under NYSDEC Facility ID 2-348155. The CBS database indicates one 2,000-gallon Trichloroethylene UST is temporarily out of service at the property and one 2,000-gallon AST (contents not reported) was closed and removed from the property. The CBS UST and AST databases indicated that the facility has an unregulated/closed status. Additionally, the UST database indicates the facility (PBS ID 2-348155) is listed as an unregulated/closed site and that one 2,000-gallon UST was closed in place at the property in July 1993, one 2,000-gallon No. 2 Fuel Oil UST was closed prior to micro conversion in March 1991, one 2,500-gallon No. 2 Fuel Oil UST was closed prior to micro conversion in March 1991, and five 1,080-gallon No. 2 Fuel Oil USTs were closed prior to micro conversion in March 1991. Ozone Industries is additionally listed in the State Spills (SPILLS) and State Leaking Tanks (LTANKS) database under the following Spill Numbers:</p> <ul style="list-style-type: none"> • Spill No. 98-09441: According to the Spills database, the incident occurred on April 18, 1998. The database indicates a tank was identified during a Phase I investigation and soil contamination was identified. The contaminated soil was excavated, stockpiled, and disposed of at an off-site facility and endpoint samples were collected which indicated that a majority of the contamination was removed. The spill case was closed to the satisfaction of the NYSDEC on March 21, 2000. • Spill No. 87-04844: According to the LTANKS database, the incident occurred on September 10, 1987 as the result of a tank test failure. The database indicates a leak occurred from a 1,000-gallon tank which had a leak rate greater than two gallons per hour. The spill case was closed to the satisfaction of the NYSDEC on November 4, 1993. • Spill No. 87-04883: According to the LTANKS database, the incident occurred on September 11, 1987 as the result of a tank test failure. The database indicates a 1,080-gallon tank was being emptied and that the tank would be excavated and retested. The spill case was closed to the satisfaction of the NYSDEC on October 7, 1992. <p>Based upon the closure of the CBS, AST, and UST facility listings as well as</p>

	<p>the closure of the spill cases, these listings are considered unlikely to represent a current environmental concern.</p> <p>The adjacent property to the west, Ozone Industries, is listed in the RCRA generators database as a verified non-generator under EPA ID NYD044689818. According to the database, Ozone industries generated ignitable waste and spent halogenated solvents and is historically listed as a Large Quantity Generator (LQG) in 1986, 1992, and 1994, as a Small Quantity Generator (SQG) in 1999, and as a verified non-generator in 2006 and 2007. The NAICS Code description is listed as "OTHER AIRVRAFT PARTS AND AUXILARY EQUIPMENT MANUFACTURING." The following violations were found:</p> <ul style="list-style-type: none"> • (2) Violation Date: 12/15/1994, Compliance Date: 01/27/1995 • (2) Violation Date: 11/19/1993, Compliance Date: 01/27/1995 • (1) Violation Date: 08/11/1986, Compliance Date: 07/06/1987 <p>Ozone Industries at the property is additionally listed in the US AIRS MINOR database under Facility Registry ID 110019762951 and in the NY MANIFEST database under EPA ID NYD44689818. Based upon the types of waste generated and the distance relative to the Subject Property, the historic use of the adjacent property to the west is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment (See Section 11 for further information).</p>
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Facility Name:	CONSTRUCTION SITE; SAFEGUARD SELF STORAGE
Address:	101-09 103 rd Ave; 101-09 103 rd Avenue
Distance:	Adjacent (164 ft)
Direction:	South
Hydrogeologic Position:	Cross-gradient
Databases Listed:	State Tanks (UST), State Leaking Tanks (LTANKS)
Identification Number(s):	PBS ID 2-609896; Spill No. 01-13103
Comments	The adjacent property to the south identified as Safeguard Self Storage located at 101-09 103 rd Avenue is listed in the State Tanks database under Petroleum Bulk Storage (PBS) ID 2-609896 as an unregulated/closed site. The database indicates one 6,000-gallon No. 6 Fuel Oil underground storage tank (UST) and one 550-gallon gasoline UST were closed and removed from the property in March 2005. The property is additionally listed in the State Leaking Tanks (LTANKS) database under Spill Number 04-13103. According to the LTANKS database, the incident occurred on

	<p>March 16, 2005 as the result of a tank failure. The LTANKS database indicates that an abandoned 6,000-gallon No. 2 fuel oil tank was identified, cleaned, and removed from the property and a puddle of contaminated oil-water mix was found in the tank grave. Harbor Environmental removed the liquids from the tank grave of the 6,000-gallon UST. Following the removal of the 6,000-gallon UST, a 550-gallon gasoline tank was identified buried in concrete; the fluids were removed, and the tank was removed. The NYSDEC received a closure report and based upon the soil sample results, the spill case was closed to the satisfaction of the NYSDEC on June 7, 2005. Based upon the removal of contaminated soils, the closure of the spill case which included the collection of soil samples, and the closure and removal of the tanks, these listings are considered unlikely to impact upon the environmental quality of the Subject Property.</p>
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Nearby Properties:

No nearby Federal, State, Local and Tribal Agency Database listings of concern were identified.

5.2 Regulatory Agency Documents

Freedom of Information Act (FOIA) requests were issued to the following regulatory agencies with respect to the Subject Property. All reasonably ascertainable municipal records are provided with this report. **Appendix B** provides copies of the regulatory agency documents.

- New York City Department of Finance
- New York City Department of Buildings
- New York City Department of Housing Preservation and Development
- New York City Department of Environmental Protection
- New York State Department of Environmental Conservation
- On-line Research of the Property

New York City Department of Finance

Touchstone reviewed available tax files regarding the Subject Property at the New York City Department of Finance website (<http://maps.nyc.gov/taxmap/>). A tax map obtained for the Subject Property identifies the property as 101-21 101st Street, Queens, NY (Block 9419, Lot 49) which contains 32,400 square feet. The tax map indicates the Subject Property contains one two-story industrial and manufacturing building which was constructed in 1947. The Subject Property is currently owned by MRA, LLC. The property appears to have been purchased by MRA, LLC on December 20, 1999.

New York City Department of Buildings

Touchstone reviewed available files regarding the Subject Property from the New York City DOB for information regarding past uses of the Subject Property. The building department identifies the Subject Property as 101-21 101st Street in Queens, New York (Block 9419, Lot 49). The Subject Property is additionally listed with the following alternate addresses: 101-17 through 101-47 101st Street. The Subject Property is identified as a factory/industrial building. The following Certificates of Occupancy (COs) were on file for the Subject Property:

- CO Date – July 1952: The CO indicates the Subject Property identified as 101-19 101st Street contained a one-story two-car garage for accessory use.
- CO Date – March 1956: The CO indicates the Subject Property identified as 101-19 101st Street contained one two-story residential building with a boiler room and storage in the cellar and dwellings on the first and second floors.
- CO Date – November 1959: The CO indicates the Subject Property identified as 101-21 101st Street contained a one-story factory building. The first floor was utilized for factory loading and unloading.
- CO Date – June 1964: The CO indicates the Subject Property identified as 101-21 101st Street contained one two-story office and factory building with a parking lot. The first floor was utilized for factory loading and unloading and the second floor contained office and factory space.
- CO Date – July 1968: The CO indicates the Subject Property identified as 101-21 101st Street contained one two-story factory and office building with a cellar and a parking lot. The CO indicates the cellar contained an equipment room, the first floor was used for factory loading and unloading, and the second floor contained office and factory space. The property contained parking for 35 cars and the CO further indicates that the floor slab was on fill and an affidavit was on file.

Permits for alterations are on file for the Subject Property dated 1904, 1911, 1915, 1916, 1917, 1919, 1920, 1926, 1927, 1932, 1955, 1961, 1966, and 1967; demolition permits are on file dated 1945, 1959, 1961, 1962, and 1966; elevator applications are on file date 1962; and new building applications are on file dated 0000, 1906, 1907, 1910, 1912, 1950, 1920, 1928, 1932, 1950, and 1958. There are no open complaints or violations on file or for the Subject Property.

Elevator records indicate one oil hydraulic freight elevator is associated with the Subject Property. A status date of September 27, 1988 is listed, and the elevator is listed with an active status, however no further information is provided. Further information regarding the presence of a hydraulic oil elevator is provided in Section 7.2 of this report. The Subject Property is not identified as an E-Designation Site.

New York City Department of Environmental Protection

Touchstone submitted an online request to the New York City Department of Environmental Protection (NYCDEP) for information regarding the generation, transportation, storage, treatment, disposal, and/or spills or releases of hazardous substances or petroleum products at the Subject Property including information related to the Ozone Industries SHWS Site (Site Code 241033), in accordance with the FOIA. The NYCDEP has responded to our FOIA indicating no records were located responsive to our request.

Additionally, the New York City DEP boiler permits database was researched (<https://a826-web01.nyc.gov/DEP.BoilerInformationExt/>). No boiler permits were identified for the Subject Property block and lot (Block 9419, Lot 49).

New York State Department of Environmental Conservation

Touchstone has submitted an online request to the New York State Department of Environmental Conservation (NYSDEC) for information regarding the generation, transportation, storage, treatment, disposal, and/or spills or releases of hazardous substances or petroleum products at the Subject Property including information related to the Ozone Industries SHWS Site (Site Code 241033), in accordance with the Freedom of Information Act (FOIA). The NYSDEC has responded to our FOIA no responsive records were found.

Touchstone additionally researched the NYSDEC Environmental Remediation Database for more information regarding the adjacent State Hazardous Waste Site (SHWS) Ozone Industries:

NYSDEC State Superfund Program Site 241033 – 100th Street Between 101st and 103rd Avenues:

The following information was provided on the NYSDEC Environmental Remediation Database website:

- Site Description: The site is located within a block that is bounded by 99th and 100th Streets to the east and west, and by 101st and 103rd Avenues to the north and south, in the Ozone Park section of Queens.
- Site Features: The site consists of eight bays (8 through 15) situated beneath an abandoned, elevated Long Island Railroad (LIRR) right-of-way. The bays are situated between the LIRR support structure. Each bay is approximately 25 feet by 60 feet. Current Zoning and Land Use: The site is located in a mixed commercial,

- industrial, and residential area of the Ozone Park section of Queens. Site zoning is commercial/industrial.
- Past Use of the Site: Former Ozone Industries occupied their 101-32 101st Street complex from 1948 to 1996 and included locations at 101-21 101st Street, 101-32 101st Street, 101-57 100th Street, and several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street. All bays were used in conjunction with the manufacture of aircraft parts and included storage of spent trichloroethene (TCE) (used in de-greasing activities) prior to pick up by their waste hauler.
 - Site Geology and Hydrology: Groundwater is at approximately 30 feet below the surface and flows to the south-southwest through the site. A light brown medium/coarse grain sandy soil exists to depth below about four feet of urban fill material.
 - Contaminants of Concern (including materials disposed):
 - Tetrachloroethylene (PCE)
 - 1,2-dichloroethene
 - Trichloroethene (TCE)
 - Site Environmental Assessment:
 - Nature and Extent of Contamination: As a result of the RI/FS, environmental investigations revealed that the contaminants of concern at the Former Ozone Industries Site, approximately 12,000 sq. ft. in size, include trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2 DCE). Shallow subsurface soil, soil vapor and groundwater are impacted as a result of stored drums of TCE in several bays below the abandoned elevated Long Island Railroad.
 - Soil: Concentrations of TCE found in the on-site shallow soils (2 ppm to 150 ppm) exceed the soil cleanup objectives (SCOs) for the protection of groundwater (0.47 ppm). However, off-site shallow soil and all on-site and off-site deeper soils are well below the SCOs. The top four feet of contaminated soil was removed throughout the site (8 bays) in 2013.
 - Groundwater: TCE and cis-1,2 DCE are in the on-site and off-site groundwater (32 feet deep) exceeding the groundwater standard of 5 ppb. Concentrations decreased significantly by August 2006 with on-site TCE at

- 7 ppb. TCE has migrated from the site several hundred feet down-gradient (south) with a maximum concentration of 260 ppb (August 2006).
- Soil Vapor: Sub-slab soil vapor below the floors of the site had concentrations of TCE as high as 363,000 ug/m³, but the results of soil vapor samples collected south of the site (below 103rd Avenue) in August 2006 were all non-detect. Significant Threat: The site presents a significant environmental threat due to the potential release of contaminants from source areas into the groundwater.
 - Site Health Assessment: Contact with site-related contamination in soil is not expected since it is located beneath the building foundation. Exposure to site-related contaminants in drinking water is not likely since the area is served with public water. Inhalation of site-related contamination via vapor intrusion is a potential exposure pathway. However, this pathway is reduced due to the frequent opening of the bay doors. Investigation of potential inhalation of site contaminants via vapor intrusion has not been completed in off-site homes and businesses due to access limitations. Additional investigation of this potential exposure pathway is recommended.

The following information was provided on the NYSDEC DEC Info Locator website (<https://www.dec.ny.gov/data/DecDocs/241033/>):

- *Revised Remedial Investigation and Feasibility Study Work Plan (RI/FS), Former Ozone Industries, Inc. Site (NYSDEC Site #2-41-033), prepared by ENSR Corporation (ENSR), dated May 14, 2004*

The ENSR workplan details a remedial investigation (RI) and feasibility study (FS) for the Site located "within a city block in Ozone Park, Queens, New York that is bounded by 99th and 100th Streets to the west and east by 101st and 103rd Avenues to the north and south and is beneath an abandoned elevated Long Island Railroad (collectively referred to as the Site)." The investigation was intended to further evaluate the presence of volatile organic compounds (VOCs) in the soil, soil vapor, and groundwater at the Site and the Site vicinity. The following information was provided in the RI/FSWP:

- The RI/FS Work Plan was prepared by ENSR Corporation (ENSR) for the Site in accordance with the Order on Consent between the New York State Department of Environmental Conservation (NYSDEC) and Endzone, Inc. (formerly Ozone Industries, Inc.), with an effective date of February 15, 2003.

The revised RI/FS workplan was revised following comments by the NYSDEC in December 2003 and telephone conversations.

- The RI/FS consisted of: Surface (if applicable) and Subsurface Soil Investigation; Subsurface Soil Vapor Investigation; Groundwater Investigation; In-Situ Hydraulic Conductivity Testing; Site Survey; Progress Reports; Phase Reports/Additional FFI Work Plan(s) (as appropriate); and RI/FS Report.
- ENSR defined the Site as being located “within a city block in Ozone Park, Queens, New York that is bounded by 99th and 100th Streets to the west and east by 101st and 103rd Avenues to the north and south and is beneath an abandoned elevated Long Island Railroad (collectively referred to as the Site).” Historically, Ozone Industries, Inc. rented/operated a portion of the Site for storage purposes from at least 1961 through 1998 and a portion of the Site was used to store solvents, hydraulic fluids, and scrap metal chips in roll-off containers that resulted from manufacturing activities. During the period that Ozone Industries operated at the Site, it is believed that releases of solvents, oil and/or fluids which coated the metal chips may have occurred at the Site although the nature and extent of those releases was not initially known. Additionally, Ozone Industries, Inc. manufactured aircraft parts including landing gear, hydraulic assemblies, aircraft steering wheel assemblies, flight controls, etc. at the property across 100th Street from the Site. The Ozone Park facility was sold by Ozone Industries, Inc. in 1998. At the time of the report, the bays were owned by the City of New York and were leased to various tenants for different uses.
- “In response to NYSDEC comments concerning the historic and current uses of the bays, and to determine what bays are of most concern (i.e., utilized by former Ozone Industries, Inc.), ENSR completed a Site visit in April 2004 with City of New York officials.” At the time of the report, various commercial businesses and private clubs occupied the bays as tenants of the City of New York. The streets abutting the Site (99th Street and 100th Street, between 101st Avenue and 103rd Avenue) contained commercial businesses and a few residential properties (e.g., 101-02 99th Street).
- ENSR summarized the following previous investigations completed between January 2000 and May 2003 in their RI/FS workplan:

- *Preliminary Site Assessment (PSA) Report – Public School 65 (former Voges Manufacturing Company) and Ozone Industries, Inc. (January 2000)*
- *Immediate Investigation Work Assignment Field Investigation Letter Report (September 2001)*
- *Field Investigation Letter Report for Phase II and Phase II Field Activities (September 2002)*
- *Field Investigation Letter Report for the 2003 Groundwater and Soil Gas Sampling Event (May 2003)*

Preliminary Site Assessment (PSA) Report – Public School 65 (former Voges Manufacturing Company) and Ozone Industries, Inc. (January 2000)

- The January 2000 PSA was performed in response to a 1996 Phase I and II for the New York City School Construction Authority of the former Voges Manufacturing Company at 103-22 99th Street that was proposed for a school construction. The public-school property (PS 65) was occupied by the Former Voges Manufacturing Company, a manufacturer of buttons, molding of plastic parts, and machining of aircraft parts, from 1920 through 1995. The Phase I/II included the installation of 21 groundwater monitoring wells and probe points in the vicinity of the Voges Manufacturing Company property and the sampling of groundwater for volatile organic compounds (VOCs). The compound Trichloroethene (TCE) was detected in groundwater samples that were collected from upgradient and downgradient of the former Voges Manufacturing Company property.
- The results were reported as follows:
 - “Samples collected from investigation points upgradient or north of the Site (GP-1 through GP6, and PZ-1) did not contain VOCs above Class GA groundwater standards and TCE was not detected;”
 - “Samples from investigation points along 100th Street east of the Site contained levels of various VOCs, and TCE levels ranging from 23 micrograms per liter (ug/l) to 2,200 ug/l (GP-17, 40-foot sample);”

- "The highest TCE levels were detected in water table samples from PZ-2 (6,800 ug/l) and from GP-11 (22,000 ug/l) located adjacent to the Site, with decreasing levels at depth in GP-11 (50 and 60 feet bgs); and"
- "Samples from the four points on 99th Street (GP-18 through GP-21) and the two along 98th Street (GP-22 and GP-23) contained TCE levels ranging from 70 ug/l to 1,400 ug/l (GP-21) (water table samples). In general, the TCE concentrations (and VOC levels) decreased with depth (GP-20 and -23)."
- ENSR reported that at the time of the investigation, measurements in the four piezometers at the time of the investigation indicated that groundwater flowed to the south across the Site vicinity. The PSA additionally reported that seven air samples were collected within PS 65 during the Phase II in 1996 and that "TCE concentrations ranged from 0.17 to 0.30 parts per billion per volume (ppbv), below the calculated site-specific USEPA risk based criterion of 0.53 ppbv."

Immediate Investigation Work Assignment Field Investigation Letter Report prepared by URS Corporation (September 2001)

- According to the report summary, URS Corporation provided the findings of further investigations performed at the Site in June 2001. The additional investigations included:
 - The installation of six temporary well points (GP-31 through GP-36); Completion of seven soil borings completed as piezometers (PZ-05 through PZ-11); Completion of two soil borings (GP-37 and -38); Soil sampling for field screening and VOC laboratory analyses; Groundwater sampling for VOC laboratory analyses; Site survey; and the Collection of groundwater depth measurements and groundwater flow direction determination. The soil borings were completed to 6-feet to 42-feet bgs and the well installations were completed to 35 to 46 feet bgs.
- The results were reported as follows:

- The analyses indicated TCE concentrations ranging from 3 ug/l (GP-31) to 510 ug/l (PZ-08);
- Higher levels were detected in samples from GP-35 (1,600 ug/l), PZ-09 (2,100 ug/l) and GP-36 (2,200 ug/l); all of which were located along 99th Street adjacent to or just south of the Site; and
- The sample from PZ-01 (upgradient along 101st Avenue) contained non-detectable VOC levels.

Field Investigation Letter Report for Phase II and Phase II Field Activities (September 2002)

- According to the report summary, URS Corporation provided the findings of further investigations performed at the Site in July and August 2002. The additional investigations included:
 - Installation of 19 permanent soil gas wells (SG-01 through SG-19); Soil gas sampling and laboratory analyses for VOCs (2 rounds); Installation of 19 temporary groundwater monitoring wells at the soil gas locations (GP-01 through GP-19); Installation of 11 temporary groundwater monitoring wells along 103rd Avenue (GP-101 through GP-111); Completion of nine shallow (MW-01, -06S, -9, -13S, -19, -101, -105, -120S and -121) and three deep (MW-06D, -13D and -120D) permanent groundwater monitoring wells; Soil sampling for VOC laboratory analyses; • Groundwater sampling for VOC laboratory analyses (2 rounds); • Site survey; and the Collection of groundwater depth measurements and groundwater flow direction determination. The permanent soil vapor wells were installed to approximately 12-foot bgs.
- The first round of soil vapor sampling was conducted in July 2002 at all 19 locations and 91 groundwater samples were collected in July 2002. The August 2002 sampling included the 12 soil vapor locations and the collection of 20 groundwater samples. A total of 27 soil samples were submitted for VOC analysis.
- The results were presented as follows:

- “The analyses of soil samples for VOCs did not indicate detectable levels in the majority of the samples. A low level of TCE was detected in the sample from GP-108 located south of the Site near the intersection of 103rd Avenue and 99th Street. In addition, tetrachloroethene (or PCE) was detected in a shallow soil sample (ground surface to 2-feet) in MW-09 located on 99th Street. The analyses of soil gas samples for VOCs in July and August 2002 indicated various VOCs, with TCE levels ranging from 0.86 ppbv to 58 ppbv (July) and 76 ppbv (August) in SG-06 (located at the intersection of 103rd Avenue and 99th Street)”
- The July – August 2002 results indicated the following:
 - “The groundwater sampling in July 2002 generally indicated decreasing VOC and TCE concentrations with depth, and the highest levels were detected at the groundwater interface;”
 - “The samples collected at the groundwater interface contained various VOCs, with the highest TCE levels detected in samples from investigation points along 98th Street (1,200 ug/l in GP-16 to 2,400 ug/l in GP-13), on 99th Street (1,400 ug/l in GP-09), and along 103rd Avenue near 99th Street in GP-111 (2,700 ug/l) and GP-108 (2,800 ug/l). The highest level was detected in the 53-to-55-foot sample from GP-13 (2,900 ug/l); and”
 - “The August 2002 sampling round also indicated various VOCs in the samples and TCE levels ranging from non-detectable (PZ-01) to 929 ug/l (MW-19, located along 98th Street). The highest TCE concentration was detected in the sample from well PZ-09 (1,180 ug/l) located along 99th Street adjacent to the Site.”
- “Based upon measurements at the time of the work, it was concluded in the report that the groundwater flow direction was southerly across the Site vicinity, with a low or anomaly in the area of PZ-11 (103rd Avenue, between 100th and 101st Streets).”

Field Investigation Letter Report for the 2003 Groundwater and Soil Gas Sampling Event (May 2003)

- According to the report summary, URS Corporation provided the findings of further investigations performed at the Site in July and August 2002 (presented above) and March and April 2003. The additional March and April 2003 investigations included:
 - Soil gas sampling for VOC laboratory analyses from permanent soil gas sampling points; Groundwater sampling of existing monitoring wells and piezometers for VOC laboratory analyses; and the Collection of groundwater depth measurements and groundwater flow direction determination.
- The scope of work for the RI/FS work plan was proposed as follows:
 - The performance of a Focused Soil Gas Investigation and Ambient Air Sampling at 10 locations, eight of which were located within the bays at the Site and two of which were located outside of the bays along 99th and 100th Streets. The samples would be collected from 8-foot bgs.
 - The performance of a Focused Soil Investigation to assess the distribution of VOCs in subsurface soils beneath the impervious surface layer at the Site and the Site vicinity. The soil program would consist of:
 - The collection of one initial deep exploratory soil boring to approximately 100-foot bgs depending on drilling conditions and groundwater sampling;
 - The installation of eight soil borings within the Site area beneath bays to approximately 8-foot bgs;
 - The performance of surface soil sampling if applicable; and
 - The installation of two soil borings in the Site vicinity.
 - The performance of a Groundwater Investigation to provide groundwater quality in the Site vicinity, to assess deep groundwater conditions, and to expand the groundwater monitoring well

network horizontally to evaluate groundwater conditions and groundwater flow direction. Four new groundwater monitoring wells would be installed during the completion of the soil borings outside of the bays and one monitoring well would be installed in an upgradient location. At the time the RI/FS workplan was written, the existing groundwater data indicated that the TCE plume was mainly present in the 35 to 55-foot bgs zone therefore groundwater samples would be collected at five different depth intervals (35-38', 44-47', 52-55', 62-65', and 72-75') during the soil boring installations.

- *Proposed Remedial Action Plan (RAP), Ozone Industries, Ozone Park, Queens County, NY (NYSDEC Site #241033), prepared by New York State Department of Environmental Conservation (NYSDEC) Division of Remediation (DER), dated November 2009*

The RAP indicates that the NYSDEC proposed a remedy for the Ozone Industries Site in consultation with the New York State Department of Health (NYSDOH). The NYSDEC reported that the remedy would address the presence of hazardous waste which has created significant threats to human health and/or the environment. The NYSDEC further reported that wastes including Trichloroethene (TCE) and cis-1,2-Dichloroethene (cis-1,2-DCE) have contaminated the groundwater, soil, and soil vapor at the Site as a result of improper handling and storage of drummed solvent material and disposal. The NYSDEC additionally reported that the presence of the wastes in the groundwater, soil, and soil vapor at the Site have resulted in "a significant threat to human health associated with potential exposure to contaminated groundwater and indoor air" and "a significant environmental threat associated with the current and potential impacts of contaminants to the groundwater." The following information was provided in the RI/FSWP:

- The NYSDEC proposed the excavation of contaminated shallow soils, the construction/operation of a soil vapor extraction system, the construction/operation of a sub-slab depressurization system in the disposal area, and groundwater monitoring to eliminate or mitigate the identified threats from the Site.
- The NYSDEC identifies the Ozone Industries Site as being located "within a block that is bounded by 99th and 100th Streets to the east and west, and by 101st and 103rd Avenues to the north and south" and notes that the "Class 2 Inactive Hazardous Waste Disposal Site consists of eight bays (totaling 12,000 square feet or approx. 0.25 acres) situated beneath an

abandoned, elevated Long Island Railroad (LIRR).” The NYSDEC further states that “Several of these bays were used for storage of spent trichloroethene (TCE) in conjunction with the manufacture of aircraft parts (1948 to 1996). The bays are located across the street from 101-32 101st Street, the location of the former Ozone Industries Facility.” According to the RAP, the Ozone Industries Facility was sold in 1998.

- The NYSDEC reported that site investigations for the Ozone Industries Site were conducted between 1996 and 2003 and that the Site was listed as a Class 2 site in the New York Registry of Inactive Hazardous Waste Disposal Sites in 2002. The NYSDEC provided the following summary of prior investigations:
 - Several site investigations took place between 1996 and 2003 which involved the Ozone Industries Site. In 1996, the New York City School Construction Authority conducted a Phase I and Phase II Environmental Site Assessment of the Former Voges Manufacturing Company property located south of 103rd Avenue on 99th Street (currently PS65). The 1996 Phase I Report identified Ozone Industries as having a 2000-gal storage tank that was used to store TCE and reported TCE in the groundwater at the Former Voges Manufacturing Company property. This led to further investigations at and near the Ozone Industries Facility.
 - Two Environmental Site Assessments, Phase I in 1997 and Phase II in 1998, were conducted at the Ozone Industries Facility across the street from the Site (Bays 8-15). These investigations included inspection of existing aboveground storage tanks, underground storage tanks and a depressed area for staging 55-gallon drums. Soil samples were also collected and tested for petroleum related compounds. Some petroleum contamination was detected, and a 1,000-gallon underground storage tank and 2 open pits were later closed in October 1999. The 1997 Phase I Report also stated that waste TCE was placed in 55-gal drums and stored across the street in areas located underneath the elevated LIRR. No evidence of the use of polychlorinated biphenyls (PCBs) was found.
 - In the summer of 1999, the NYSDEC conducted a Preliminary Site Assessment (PSA) in the vicinity of the Former Voges Manufacturing Company property (103-22 99th Street) and the Ozone Industries Facility (101-132 101st Street) to determine the source of the TCE

contamination in the groundwater. Twenty-one groundwater sampling points were installed in the sidewalks upgradient and west of the Ozone Industries Facility and in the area of the Former Voges Manufacturing Company property. TCE was found in a majority of the samples at varying concentrations except the upgradient samples did not detect any TCE in the groundwater. The PSA findings indicated there was a source of TCE contamination near the Ozone Industries Facility, possibly from stored drums beneath the elevated LIRR.

- The NYSDEC conducted further field investigations in June 2001, July 2002, August 2002, and May 2003 to collect additional soil samples, groundwater samples and soil vapor samples. This investigative work expanded on the earlier PSA investigations and included temporary well points, soil borings for piezometers and 19 permanent soil vapor wells. The analysis of soil samples for VOCs did not indicate detectable levels in the majority of the samples. The groundwater sampling results indicated decreasing TCE concentrations with depth and TCE was detected in all the soil vapor samples.
- The NYSDEC and Endzone Inc., the successor to Ozone Industries, Inc., entered into a Consent Order on February 5, 2003. The Order obligates the responsible parties to implement a full remedial program.
- A Remedial Investigation (RI) was conducted both on-Site and off-Site between October 2004 and January 2008 to define the nature and extent of any contamination resulting from previous activities at the Site. The RI is described by the NYSDEC as follows:
 - The initial phase of the RI work took place soon after the RI Work Plan was approved. Soil borings were installed, finished as monitoring wells, in the area outside the bays to begin to define the TCE plume. Existing off-site monitoring wells, installed prior to this RI work, were also redeveloped for groundwater sampling. The soil from the well borings and the groundwater were sampled for VOCs and screened for physical properties to assess the hydrogeologic conditions. A second round of groundwater samples for VOCs was conducted from all the wells in early 2005

including tests in several wells to assess the permeability of the soils.

- With the Site delineated as Bays 8-15 (below the LIRR), a second phase of the RI began after gaining access from the owner, the City of New York. Soil and soil vapor samples were collected and analyzed for VOCs in the 8 bays and from several pre-existing off-Site soil vapor points. As per the RI Work Plan, interim RI data, with recommendations for additional activities, was submitted to the NYSDEC. As recommended, the RI/FS Work Plan was amended to conduct additional on-site and off-site investigations to better delineate VOC impacts in subsurface soils and soil vapor. This also included another round of groundwater sampling and analysis for VOCs in 20 wells. Access to the bays for this work was again obtained from the City of New York and the tasks were completed in August 2006.
 - During the third phase of the RI, an off-site Soil Vapor Intrusion Work Plan was approved to conduct sub-slab soil vapor and indoor air sampling at adjacent off-site properties. After a significant outreach to adjacent property owners, no access was granted by any owners to do this investigation work. To evaluate the feasibility of a sub-slab depressurization (SSD) system as part of the site cleanup remedy, a Field Pilot Study was conducted in the bays in early 2008 and the results indicated favorable conditions for an SSD system. Additional interim RI data was submitted to the NYSDEC with a recommendation to begin the RI/FS Report. The Final RI/FS Report was submitted in June 2009 and was approved on October 14, 2009.
- The NYSDEC described the nature and extent of contamination at the Site as follows:
 - Subsurface Soil: As part of this RI, subsurface soil samples from below the floors of the Site (Bays 8-15) and off-site bays 2, 4, 17, 24 and 28 were analyzed for VOCs. Subsurface soil samples below the sidewalks, both upgradient and downgradient of the Site, were also investigated. Of the 90 subsurface soil samples collected, all were non-detect or well below the Unrestricted Use Soil Cleanup

Objectives including up gradient and down gradient subsurface soil samples except for the shallow soils (0-2 feet deep). These shallow soil samples, collected directly beneath the asphalt or concrete bay floors, are impacted by TCE, and may provide a continuing source of contamination for groundwater and soil vapor contamination. TCE was found as high as 150 ppm in the subsurface soil samples beneath the on-site bay floors, with levels of TCE decreasing with depth, generally non-detectable near the groundwater table.

- Groundwater: Groundwater is approximately 30 feet below the surface and generally flows to the south-southwest. Groundwater sampling was conducted near and in the vicinity of the Site as early as 1999, prior to the RI. Then, from January 2005 to August 2006, as part of the RI, four rounds of groundwater sampling took place at 20 monitoring wells. The TCE levels detected in the groundwater in 2006 were generally lower than those detected in 2005 and considerably lower than those detected in 2002 and 2003. The applicable SCG (Class GA groundwater criteria) for TCE is 5 ppb. In June 1999, the highest level of TCE in the groundwater was 22,000 ppb found just south of the Site along 100th Street. The highest TCE level in the most recent August 2006 groundwater sample was 260 ppb located along 99th Street. The August 2006 groundwater sample adjacent to the Site (near Bay 7) had TCE at 7 ppb, slightly above the SCG for TCE. Downgradient groundwater wells near 103rd Avenue, sampled in August 2006, had TCE concentrations ranging between 8.3 ppb and 74 ppb. TCE was also detected in the upgradient well along 101st Avenue in April 2005 (23 ppb) and in August 2006 (8 ppb). The groundwater sampling results indicated decreasing TCE concentrations with depth with the highest concentrations at the groundwater/soil interface. Generally, three areas were found to have the highest concentrations of TCE in the groundwater: near Bays 14-20; near the intersection of 103rd Avenue and 99th Street; and on 98th street south of 103rd Avenue.
- Soil Vapor/Sub-Slab Vapor: The RI included soil vapor samples collected from beneath the Site and off-site in 2005 and 2006. All samples, analyzed for VOCs, were collected between the depths of 4 and 8 feet below ground surface (bgs). Soil vapor sampling was also conducted in the vicinity of the Site before the RI began, as early as 2002. The results were used to delineate the source area

and evaluate the potential for exposures via soil vapor intrusion. A concerted effort was made to obtain off-site indoor air and sub-slab vapor data but access has not been granted by property owners. The 2006 on-site soil vapor sample analyses found elevated sub-slab TCE contaminant levels in all eight bays, as high as 675,000 ug/m³ (Bay 8). The 2006 off-site soil vapor samples were collected in the sidewalks outside the bays and covered an area from 101st Avenue to below 103rd Avenue. The TCE soil vapor concentrations near 101st Avenue ranged from 252 ug/m³ to 5,960 ug/m³. South of the Site, Bay 24 and Bay 28 were sampled (near 103rd Avenue). Bay 24 had TCE at 94,900 ug/m³ but Bay 28 was non-detect. Another four locations were sampled for soil vapor on 103rd Avenue and south toward Liberty Avenue and the all the 2006 results for TCE and cis-1,2 DCE were non-detect.

- The NYSDEC reported that "Site contamination has impacted the groundwater resource in the overburden aquifer."
- The NYSDEC identified the following remediation foals for the Site:
 - exposures of persons at or around the site to VOCs including TCE and its degradation product (cis-1,2 DCE) in contaminated groundwater and subsurface soil;
 - the release of contaminants from soil into groundwater that may create exceedances of groundwater quality standards; and
 - the release of contaminants from soil vapor into indoor air through vapor intrusion.
- *Remedial Design / Remedial Action Work Plan (RD/RAWP), Former Ozone Industries, Inc. Site Queens County, NY (NYSDEC Site #2-41-033), Order on Consent Index #W2-0922-02-05(with Endzone Inc.), prepared by AECOM Environment (AECOM), dated November 2011*

AECOM prepared the RD/RAWP on behalf of Endzone, Inc. for the Former Ozone Industries, Inc. Site which was comprised of an approximately 12,000-square foot area of Bats (Bays 8-15) within the city block bounded by 99th and 100th Streets to the west and east and by 101st and 103rd Avenues to the north and south. AECOM reported that a Remedial Investigation (RI) and Feasibility Study (FS) of the Site was completed by AECOM in June 2009 and was approved by the NYSDEC in October

2009. AECOM further reports that a Record of Decision was issued by the NYSDEC in February 2010 and a Remedial Design Work Plan dated January 2011 was approved by the NYSDEC in January 2011. The following information was provided in the RD/RAWP:
- AECOM proposed the following remedy for the Site:
 - Excavation of as much as practical of the shallow soils beneath Bays 8 through 15;
 - Replacement of excavated shallow soils with "clean fill";
 - Construction of sub-slab depressurization (SSD) system beneath Bays 8 through 15;
 - Construction of soil vapor extraction (SVE) system for deeper soils and groundwater vapor control;
 - Implement institutional controls and a Site Management Plan; and
 - Off-site vapor investigation is also proposed if conditions warrant and if access is granted. Additional action in off-site areas such as installation of SSD systems may be taken.
 - In addition, post-remediation groundwater monitoring will be conducted.
 - AECOM reported that "prior to the development of the remedial design, pre-design assessment activities were conducted at the site from November 4 to 12, 2009. AECOM provided the NYSDEC with a Pre-design Work Plan on behalf of Endzone, Inc. The objectives of the Pre-design Assessment Activities were to collect additional vertical and horizontal delineation data to facilitate future remediation activities, as well as the evaluation of the structural integrity, by a structural engineer, of the building/Bay support columns to assist with the remediation design."
 - *Site Briefing Report, Ozone Industries, 100th St. Between 101st and 103rd Avenues, Ozone Park, New York (Site Code 241033), prepared by New York State Department of Environmental Conservation (NYSDEC) Division of Remediation (DER), dated January 14, 2014*

The NYSDEC identifies that Site as being situated beneath an abandoned, elevated Long Island Railroad (LIRR) right-of-way within a city block bounded by 99th and 100th Streets to the west and east and by 101st and 103rd Avenues to the north and south. The following information was provided in the RD/RAWP:

- The NYSDEC stated that "Former Ozone Industries occupied their 101-32 101st Street complex from 1948 to 1996 and included locations at 101-21 101st Street, 101-32 101st Street, 101-57 100th Street, and several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street. All bays were used in conjunction with the manufacture of aircraft parts and included storage of spent trichloroethene (TCE) (used in de-greasing activities) prior to pickup by their waste hauler."
- "Operable Unit #1: Endzone Inc., the successor to Ozone Industries, Inc., entered into a Consent Order which obligates Endzone Inc. to implement a full remedial program including a Remedial Investigation and Feasibility Study (RI/FS). Field work for the Site RI/FS was completed and the Record of Decision (ROD) was signed in February 2010. The Remedial Design Work Plan was approved on January 31, 2011. The Remedial Design/Remedial Action (RD/RA) Work Plan, including biddable documents, was approved on October 25, 2011. Endzone mobilized to the site on June 10, 2013 to begin the RA."
- The NYSDEC reported that remediation at the Site was complete and that prior to the remediation, the primary contaminants of concern were trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2 DCE) in the shallow soil, groundwater, and soil vapor. The NYSDEC additionally reported that "Contact with site-related contamination in soil is not expected since it is located beneath the building foundation. Exposure to site-related contaminants in drinking water is not likely since the area is served with public water. Inhalation of site-related contamination via vapor intrusion is a potential exposure pathway. However, this pathway is reduced due to the frequent opening of the bay doors. Investigation of potential inhalation of site contaminants via vapor intrusion has not been completed in off-site homes and businesses due to access limitations. Additional investigation of this potential exposure pathway is recommended."
- The remedy for OU-1 was described as follows:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program.
2. The floors in Bays 8-15 will be removed and as much as practical of the contaminated shallow soils will be excavated beneath these 8 bays.
3. Post-excavation soil sampling will be conducted in each of the 8 bays to document the condition of the soil left in place.
4. All excavated contaminated soil will be disposed at a permitted disposal facility,
5. Clean backfill will replace the excavated shallow soils. Clean fill will constitute soil that meets the Division of Environmental Remediation's criteria for backfill.
6. An SVE system of vertical wells and a piping system will be constructed to collect vapors from the deeper soils.
7. An active sub-slab depressurization system (SSDS) will be constructed beneath the floors in Bays 8 through 15.
8. The SVE and SSDS mechanical equipment will be installed and each system operated with off-gas treatment, as needed.
9. A vapor intrusion mitigation program will be implemented to investigate and remediate, if necessary, off-site adjacent structures (residential, commercial) and off-site adjacent bays to the Site for vapor intrusion, if access is granted. Sub-slab vapor concentrations will be compared to (NYSDOH) Guidance values.
10. The on-site and off-site impacted groundwater will be monitored.
11. Imposition of an institutional control in the form of an environmental easement that will require (a) limiting the use and development of the property to residential use, which will also permit commercial or industrial uses. More restrictive land use and development controls may be considered, if necessary, based upon post-excavation soil sampling results; (b)

compliance with the approved site management plan; (c) restricting the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by NYSDOH; and (d) the property owner to complete and submit to the Department a periodic certification of institutional and engineering controls.

12. Development of a Site Management Plan which will include the following institutional and engineering controls: (a) provide provisions for the continued proper operation and maintenance of the SVE and SSDS systems; (b) provide a monitoring plan for TCE and cis-1,2-DCE in the groundwater; (c) pursue a plan for vapor intrusion investigations in off-site areas with soil vapor mitigation systems installed, if required; (d) identification of any use restrictions on the site; and (e) a soil management plan if post-excavation soil sampling results exceed unrestricted soil cleanup objectives.
 13. The property owner will provide a periodic certification of institutional and engineering controls, prepared and submitted by a professional engineer or such other expert acceptable to the Department, until the Department notifies the property owner in writing that this certification is no longer needed. This submittal will: (a) contain certification that the institutional controls and engineering controls put in place are still in place and are either unchanged from the previous certification or are compliant with Department-approved modifications; (b) allow the Department access to the site; and (c) state that nothing has occurred that will impair the ability of the control to protect public health or the environment, or constitute a violation or failure to comply with the site management plan unless otherwise approved by the Department.
 14. The operation of the components of the remedy will continue until the remedial objectives have been achieved, or until the Department determines that continued operation is technically impracticable.
- *Interim Site Management Plan, Former Ozone Industries, Inc., Ozone Park, Queens, NY (NYSDEC Site Number 2-41-033), prepared by AECOM (AECOM), dated July 2016*

The Interim Site Management Plan (ISMP) was prepared by AECOM to guide site operation, monitoring and maintenance activities, including the start-up and operation of the Soil Vapor Extraction System (SVE) and Sub-slab Depressurization System (SSDS), as well as interim groundwater monitoring and an off-site soil vapor sampling element over the next approximately one to two years at the former Ozone Industries Inc. Site. The following information was provided in the RD/RAWP:

- AECOM reported that “The contaminated soil excavation component of the remedy is complete, but some residual soil contamination remains in the subsurface at the site. This ISMP was prepared to manage the remaining contamination at the site and can only be revised with the approval of the NYSDEC. For proper implementation of this ISMP and to ensure the QA/QC of the sampling data (air, groundwater) is representative of the site conditions throughout, it is preferable that all 8 Bays (the site) remain vacant and be continuously accessible during initial system operation and monitoring (3 – 8 months).”
- AECOM provided a summary of the following reports in their ISMP:
 - RI/FS Work Plan (May 2004) for the site approved in a letter by NYSDEC (dated July 8, 2004);
 - February 15, 2006 Data Package Letter Report completed by AECOM submitted to NYSDEC followed by the final Data Package Letter Report dated June 8, 2006 (based upon NYSDEC comments provided in a letter dated May 23, 2006);
 - RI/FS Work Plan Addendum submitted to NYSDEC (dated June 9, 2006);
 - Additional Remedial Investigation Data Package Letter Report submitted on March 29, 2007 and on September 14, 2007 (final Additional Remedial Investigation Data Package Letter Report based on NYSDEC comments provided in a letter dated July 12, 2007); and
 - Revised RI/FS Report and Conceptual Site Model Report (June 2009)
- AECOM reported that “The site contaminated soils were remediated in 2013 in accordance with the NYSDEC-approved Remedial Design/Remedial

Action Work Plan dated November 2011." The following Remedial Actions (RAs) were performed or were to be performed at the Site:

1. Excavation of as much, as practical, of the shallow soils beneath Bays 8 through 15 exceeding commercial SCOs listed in Table 1, to approximately 4 feet bgs as shown on Figures 9a and 9b;
 2. Replacement of excavated shallow soils with "clean fill";
 3. Construction and maintenance of an SSD system, underlying HDPE liner and SVE system to remediate non-accessible remaining contaminated soil, and subsequent soil vapors, remaining at the site. The HDPE liner and SSD system will also eliminate potential for vapor intrusion into the Bays while the SVE system will remediate in place soils, not accessible for excavation, and also provide vapor control from deeper soils and groundwater;
 4. Groundwater monitoring; and
 5. After the SVE system and the SSDS system has operated for some time, an Off-site Soil Vapor Sampling Plan will be developed and submitted to the Department to collect off-site soil vapor data in the vicinity of the site.
- The following engineering controls are present at the Site:
 - Sub-slab Depressurization System (SSDS)
 - Soil Vapor Extraction System
 - *Groundwater Monitoring Opinion, Vapor Intrusion Assessment Plan, & Remedial Systems Rebound Testing, Former Ozone Industries, Inc. Site (Site No. 2-41-033), Ozone Park, Queens, NY, prepared by AECOM, dated April 17, 2017*

The opinion letter was prepared in regard to a January 24, 2017 conference all with the NYSDEC regarding the Former Ozone Industries Site. The following pertinent information is provided in the letter:

- "The Remedial Investigation (RI) report (2009) for the site evaluated approximately 265 off-site grab and monitoring well groundwater samples collected between 1999 and 2006. Based upon the extensive data collected

at the time, the Remedial Action Objective for the site groundwater is to "decrease dissolved phase contaminants of concern (COC) concentrations attributed to Endzone, Inc. to below Water Quality Standards (WQS)." Groundwater monitoring activities to assess natural attenuation were proposed as the groundwater remedy (MNA) for the site until residual groundwater concentrations are found to be consistently below NYSDEC standards or have become asymptotic at an acceptable level over an extended period. As noted next, groundwater sampling at the site resumed in 2016 after soil remediation (excavation and off-site removal) and construction of the remedial system (Soil Vapor Extraction [SVE] and Sub-slab Depressurization [SSD] remedial systems) was completed in the Bays."

- A summary of the 2016-2017 groundwater sampling is provided below:
 - "As noted in the Interim Site Management Plan (July 2016) for the site, quarterly groundwater sampling is to be conducted for at least 2 years, until approval from NYSDEC to modify or end the monitoring is obtained. The remedial system at the site began operation in April 2016, and groundwater sampling rounds were conducted in May, August and December 2016, and February 2017. The next or fifth sampling round is scheduled for May 2017. The sampling includes a network of seven wells; upgradient, adjacent to, and down-gradient of the site (Bays). The samples are analyzed for Volatile Organic Compounds (VOCs) and select MNA parameters. The results of the groundwater monitoring have been provided to NYSDEC in three Quarterly Progress Reports that summarize the results of the Operation and Maintenance (O&M) of the remedial systems, the last report was submitted in February 2017."
 - AECOM reported that at the time of the letter, it was not believed that the PCE was from the Site due to the following reasons:
 - Concentrations of PCE in the numerous RI groundwater samples (grab and well samples) were rarely detected and never above the 5 ug/l standard in the 2005 – 2006 samples, except in samples from well MW-201D (ranging from 18 to 28 ug/l);
 - Post-excavation soil sampling in 2013 at the site (Bays) consisting of 50 samples analyzed for VOCs, only detected PCE in 5 samples above the most stringent standard of 1.3

milligrams per kilogram (mg/kg) (unrestricted use soil cleanup objective), including levels of 2.3 mg/kg (two samples), 3.3 mg/kg, 4 mg/kg, and 12 mg/kg.

- Pre-excavation soil sampling as part of the RI from borings beneath the Bays (8 – 15) in 2005 and 2006 did not detect PCE, or only at low levels (the highest concentration was 0.82 mg/kg).
 - The current remedial operation is not “producing” PCE levels.
- AECOM further stated that at the time of the letter, additional groundwater remediation using the existing wells was not feasible due to the following:
- The network of existing monitoring wells in the site vicinity is limited in regard to possible injections and the areal extent of groundwater impacts;
 - Even single well injections would require extensive feasibility studies to determine the correct formula or type of material to inject, and possible additional wells to monitor;
 - As noted above, the site COCs in groundwater appear to be stable or decreasing, and there is evidence that MNA is working for the site COCs; and
 - The recent presence of PCE in groundwater near the site (Bays) possibly from an off-site source confounds the evaluation of groundwater level trends (i.e., PCE can degrade to TCE and the source is currently unknown), and the need and / or objective of further groundwater remediation.
- Therefore, AECOM requested that “given that the planned May 2017 sampling round will be the fifth round, AECOM requests from NYSDEC that the quarterly monitoring program be altered to once or twice per year during system operation and shortly thereafter. A lot of recent data has been collected over a short period of time, and when looking at groundwater concentration trends over years, additional quarterly sampling may not provide much value. In

addition, with the presence of PCE from a possible offsite source, additional quarterly data may not be very useful in regard to evaluating site COCs.”

- AECOM additionally submitted a Vapor Intrusion (VI) Evaluation Work Plan based upon the January 24, 2017 discussion. AECOM reported that it was expected that the remediation of shallow soils under the site (Bays 8 – 15) completed in 2013 and operation of the SVE and SSD systems have resulted in lower soil vapor levels at the site and likely in its immediate vicinity. AECOM proposed sampling at the Site and in the immediate vicinity after the SVE and SSD systems had been shut off for approximately 20 to 30 days or when rebound had stopped occurring. AECOM proposed the following:
 1. Collect five soil gas samples adjacent to the site, corresponding with previous sample locations from 2005 – 2006: LOC-24 through LOC-28 (three on 99th Street and two on 100th street);
 2. Collect one upgradient soil gas sample (corresponding with LOC-22 sample location on 100th Street) and one downgradient soil gas sample on 99th Street, corresponding with previous sample location LOC-33.
 3. Collect four soil gas samples from beneath the Bays.
 4. On the same days that soil gas samples are collected in the Bays, collect indoor (ambient) air samples from each Bay, and up to two samples outside of the Bays (background).
 5. Samples will be collected during one round with SUMMA canisters, and analyzed for select VOCs including TCE, tetrachloroethene (PCE), cis-1,2-DCE, trans-1,2-Dichloroethene, and Vinyl Chloride by EPA Method TO-15.
 6. Each soil gas point (outside the Bays) will be advanced to approximately 4 and 8 feet bgs using a direct push-probe system (Geoprobe™). Each point will be fitted with a flush mounted curb box for subsequent sample rounds. Prior to the installation of the soil gas points, AECOM's subcontractor will communicate with "Call before You Dig New York" to get the appropriate utility clearance, in addition AECOM will clear each location with an air knife and ground penetrating radar (GPR)

equipment. Sampling will be conducted 2 – 5 days after the sample point installations.

7. The four samples from the Bays would be collected from the existing vapor monitoring points. There are two vapor monitoring points in each Bay, so the sampling will consist of utilizing points near 99th Street in Bays 9 and 13, and points near 100th Street in Bays 11 and 15.
 8. The indoor or ambient air samples will be collected over a period of 8 hours.
 9. As noted above, the sampling will occur after the SVE and SSD systems have been off for approximately 20 to 30 days, or when rebound has stopped occurring as noted in Section 3.0 below.
 10. It is expected that the work would be conducted in May, 2017.
 - AECOM stated that the results would be “reported to NYSDEC and NYSDOH in one of the remedial system quarterly reports. Additional rounds of off-site sampling will be considered based upon the findings of this round. However, it is expected that additional ambient or indoor air samples (Bays) and soil gas sampling in the Bays will be collected during system shutdowns and rebound testing, which will be proposed in a separate plan developed by AECOM.”
- *Work Plan - Groundwater Monitoring and Soil Gas Assessment, Former Ozone Industries, Inc. Site (Site No. 2-41-033), Ozone Park, Queens, NY, prepared by AECOM, dated November 27, 2018*

The work plan was prepared on behalf of Endzone, Inc. based on conversations with AECOM during the month of October 2018 and NYSDEC letter to BBA Aviation dated November 16, 2018 regarding the Former Ozone Industries Site. The work plan detailed the completion of additional groundwater monitoring and soil gas sampling activities at the Site vicinity (outside of the Bays). AECOM reported that groundwater monitoring activities would include sampling for 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS) and soil gas sampling would focus solely on soil gas conditions off-site. The following pertinent information is provided in the work plan letter:

- The November 6, 2018 NYSDEC letter stated that “The New York State Department of Environmental Conservation (DEC) is undertaking a Statewide evaluation of remediation sites to better understand the risk posed to New Yorkers by 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS). PFAS have historically not been evaluated at remediation sites, and 1,4-dioxane has not been evaluated at the levels that are now thought to represent a health concern. This initiative is being undertaken as a result of these “emerging contaminants” having been found in a number of drinking water supplies in New York. Accordingly, the DEC is requiring that you test site groundwater for these chemicals. To accommodate this requirement, a select number of existing monitoring wells, representative of the potential of the above-referenced site to be a source of these emerging contaminants, must be sampled. DEC recommends that at least one of these wells should be upgradient of the site.””
- AECOM proposed to collect up to four rounds of groundwater data from the current network of monitoring wells installed up-gradient and down-gradient at the site at the following locations:
 - Upgradient – existing wells PZ-01 and PZ-01D on 101st Avenue;
 - Next to site (Bays) along 99th Street – existing wells PZ-08 and PZ-09; and
 - Downgradient of site (Bays) – on 99th Street: existing wells PZ-10 (next to Bay 21) and MW-203 (across from Bay 25), and on 100th Street: existing wells MW-201S and MW-201D.
- AECOM additionally submitted an off-site (outside of Bays) soil gas sampling VI evaluation work plan as discussed in the October 25, 2018 call. The purpose of the work is to further assess potential off-site VI conditions under conditions of no remedial system operations. This work plan included up to three rounds of soil gas sampling outside the Bays at seven existing soil gas sampling points (LOC 22, -24, -25, -26, - 27, -27B and -28). These points are located outside/offsite of the Bays around the perimeter of the site, on 99th and 100th streets.
- The first round of groundwater and soil gas sampling activities were to be conducted in early to late December of 2018.

The prior reports can be found online at the following NYSDEC DEC Info Locator Link:
<https://www.dec.ny.gov/data/DecDocs/241033/>.

Based upon the status of the Ozone Industries Site as a "significant threat to public health," the historic operation of Ozone Industries at the adjacent property to the west is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.

Touchstone notes that, while Ozone Industries operated a machine shop at the Subject Property from 1966 to 2004, a review of the extensive remedial investigations and remedial efforts performed, indicates the Subject Property was not included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry State Hazardous Waste site. Therefore, the historical use of the Subject Property as a machine shop/manufacturing associated with the Ozone Industries property is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.

On-line Research

An online search of the Subject Property address, 101-21 101st Street, Queens, New York, indicates that the Subject Property is occupied by Moving Right Along, a moving and storage company, and is associated with a company identified as Approved Prep Plus +.

6.0 SITE HISTORY

Touchstone determined the history of the Subject Property dating back to 1940 or its first developed use. The historical use of the Subject Property and surrounding area is summarized in the following sections.

According to Sanborn Maps, the Subject Property was developed with residential buildings from at least 1901 through 1950. According to the NYC DOB records, in approximately 1947 the current building was constructed in the northern portion of the Subject Property and the southern portion was used as a parking lot. In 1969, an extension was constructed on the southern portion of the building, leading to the building's current layout.

The Subject Property was used by Ozone Industries from approximately 1966 to at least 1995. Ozone Industries manufactured hydraulic equipment used in helicopters and small aircraft. As previously discussed, in Section 5.1.2 and 5.2 of this report, the Ozone Industry Properties identified as 100th Street between 101st and 103rd Avenues (which has included the Subject Property (101-21 101st Street), 101-32 101st Street, 101-57 100th Street, and "several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street)) is a State Hazardous Waste Site (SHWS) under the name Ozone Industries, Site No. 2-41-033. However, a review of the extensive remedial investigations and remedial action reports performed, indicates the Subject Property was not included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry State Hazardous Waste site.

From approximately 1995 to approximately 1999 Subject Property operated as Amster Novelties, a fabric novelty manufacturing company. The Subject Property was then purchased by the current owner, MRA, LLC on December 20, 1999. The Subject Property was converted into its current use as a storage facility in 2000 and has been used as a storage facility since this time.

The 1988 Sanborn Map indicates the northern-most Subject Property building was constructed in 1959 and the southern-most building was constructed in 1968.

Additionally, according to a review of historical City Directories, the Subject Property was occupied by a machine company in at least 1962 and 1967 (ELAN MACH CO).

The historical use of the Subject Property as a machine shop from approximately 1966 to 1986 and for manufacturing in 1987 to 2004 in association with Ozone Metal Products Company/ Ozone Industries is considered to represent a Recognized Environmental Condition (REC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding Phase II ESA.

It should be noted that a data failure occurred per section 8.3.6 of ASTM Standard E 1527-21. Touchstone could only identify records back to 1901 at which time the Subject Property was partially developed with residential buildings and therefore the use of the Subject Property prior to the construction of the residential buildings is unknown. Based upon the known use of the Subject Property since at least 1901, this data failure is not considered a significant data gap and is unlikely to affect the conclusions of this report.

The Subject Property is located in a historically well-developed area of Queens, New York. Adjacent properties were predominantly used for residential, commercial, and manufacturing purposes. No environmentally sensitive issues were identified at the adjacent properties with the exception of the following:

- According to a review of the City Directories, the adjacent property to the west identified as 101-20 101st Street was occupied by a sheet metal manufacturer in 1962 (RMP Industries Inc sheet metal) and was occupied by a drycleaner (Metropolitan Garment Cleaning Inc.) from at least 2000 through 2017. As discussed in Section 5.1.2 of this report, Metropolitan Garment Cleaning, located at 101-20 101st Street, is listed in the RCRA Generators, US AIRS MINOR, AIR, DRY CLEANERS, EDR HIST CLEANER, and NY MANIFEST databases. According to the RCRA Generator database, Metropolitan Garment Cleaning is a Small Quantity Generator (SQG) of Tetrachloroethylene (TCE) and is historically listed as a SQG in 1998, 2006, and 2007. The EDR HIST CLEANER database indicates drycleaners operated at the 101-20 101st Street property from at least 1999 through 2014 under the following names: Sunflower Cleaners (1999-2008), Metropolitan Garment Cleaning (2010-2014), Metropolitan Garment (2013-2014). Additionally, according to a review of Google Maps and Yelp, Metropolitan Garment Cleaning currently operates at the adjacent property to the west. Additionally, according to a review of historical Sanborn Maps, the property was historically occupied by manufacturing operations including those associated with Ozone Metal Products Corp. from at least 1950 through at least 1986 after which the building is identified as being commercial from 1987 through 2006. Based upon the distance (<100 feet), the generation of Tetrachloroethylene, and the continued operation of the drycleaner at the property, the operation of a drycleaner at the adjacent property to the west is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.
- According to a review of the City Directories, the adjacent property to the west identified as 101-32 101st Street was occupied by a sheet metal manufacturer in 1967 (RMP Industries Inc sheet metal) and was occupied by a metal products

company/aircraft components manufacturer (Ozone Metal Products Corp., Ozone Aircraft Components Corp, Ozone Industries Inc.) from at least 1962 through 1995. As discussed in Section 5.1.2 of this report, Ozone Industries is listed in the RCRA Generators, NY MANIFEST, US AIRS MINOR, SHWS, VAPOR REOPENED, State Tanks (AST, UST, CBS, CBS UST), State Spills (SPILLS), AND State Leaking Tanks (LTANKS) databases. Tanks at the Ozone Industries Site appear to have contained Trichloroethylene (TCE) and No. 2 Fuel Oil and the tanks are listed as being temporarily out of service, closed and removed, or closed in place. All of the spill cases were closed to the satisfaction of the NYSDEC. The RCRA generators database indicates that Ozone Industries is identified as a verified non-generator, however, Ozone Industries reportedly generated ignitable waste and spent halogenated solvents and is historically listed as a Large Quantity Generator (LQG) in 1986, 1992, and 1994, as a Small Quantity Generator (SQG) in 1999, and as a verified non-generator in 2006 and 2007. According to the SHWS database, Ozone Industries is listed in the Hazardous Waste Program under Site Code 58595/HW Code 241033 and is classified as a "Significant threat to the public health or environment – action required). As a result of prior environmental investigations, the contaminants of concern at the Former Ozone Industries Site includes Trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) and "shallow subsurface soil, soil vapor and groundwater are impacted as a result of stored drums of TCE in several bays below the abandoned elevated Long Island Railroad." The database further indicates "the site presents a significant environmental threat due to the potential release of contaminants from source areas into the groundwater." Additionally, according to a review of Sanborn Maps, the property has been occupied by coal sheds (1901), a wood, brick, line, and cement shed (1911), Rubel Coal & Ice Corporation in 1927 during which time a gasoline tank was depicted on the western portion of the property, and by Ozone Metal Products Corp./Ozone Industries from at least 1950 through 2006 for manufacturing purposes. Based upon the "significant threat" of the Ozone Industries site which includes the Subject Property, the historic operations conducted by Ozone Industries at and in the vicinity of the Subject Property is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.

6.1 Historical Fire Insurance Maps

Historical Fire Insurance maps depict the historic use of the Subject Property over time. Historical Fire Insurance Maps can also include the location of suspect gasoline tanks. A search for historical fire insurance maps depicting the Subject Property and its vicinity were

available from Environmental Data Resources, Inc. (EDR). A copy of the fire insurance maps is provided in **Appendix C**. The following table provides the year of the Fire Insurance Map and the observations made for the Subject Property and Surrounding area.

FIRE INSURANCE MAP SUMMARY		
Year	Issues Noted	Observations
1901	No	Subject Property: The Subject Property appears to contain two residential buildings and undeveloped land.
		Surrounding Area: The Subject Property appears to be located in an urban area. A roadway (Lawn Avenue) is present to the west of the Subject Property. Adjacent properties to the north appear to contain vacant land along Lawn Avenue and residential properties along Union Place; the adjacent properties to the east, southeast, and south appear to contain residential properties and undeveloped land; the adjacent properties to the southwest appear to contain a brick shed structure, a residential building, and rail lines which lead to the adjacent property to the west; the adjacent properties to the west appear to contain buildings identified as Ozone Park Ice Co. and Reimer & Sons Coal Shed.
1911	No	Subject Property: The Subject Property appears to have been developed with additional residential buildings and one-story structures.
		Surrounding Area: The surrounding area appears similar to the 1901 map. Additionally, the adjacent property to the north along Lawn Avenue appears to contain a commercial building and one-story structures, the adjacent property to the south appears to contain additional residential buildings, the adjacent properties to the west and southwest appear to contain rail lines and structures identified as a wagon house, a coal pocket, a coal shed, a brick shed, a residential building, a building labeled "John B. Reimer wood, brick, lime, & cement shed," and a building labeled "Hubbs & Browne Ice Factory Ozone Park."
1927	No	Subject Property: The Subject Property appears to have been developed with additional residential buildings and one-story structures.
		Surrounding Area: The surrounding area appears similar to the 1911 map. Additionally, the adjacent properties to the east appear to have been developed with additional residential buildings and one-story structures, the adjacent property to the south appears to have been developed with multiple buildings labeled "housewives laundry," office, and a private garage, the adjacent properties to the northwest, southwest, and west appear to contain buildings and tracks associated

FIRE INSURANCE MAP SUMMARY		
Year	Issues Noted	Observations
		with the Rubel Coal & Ice Corporation and a gasoline tank is depicted on the western portion of the adjacent property to the west.
1950	Yes	<p>Subject Property: The Subject Property appears similar to the 1927 map.</p> <p>Surrounding Area: The surrounding area appears similar to the 1915 map. Additionally, the adjacent properties to the north appear to contain residential buildings, the adjacent property to the south appears to be occupied by a diaper laundry service and buildings are utilized for shopping, pressing, and finishing; the adjacent properties to the west and southwest appears to contain buildings occupied by a private garage and repair shop, and laundry equipment storage, as well as a machine shop/manufacturing building labeled "National HDWE Corp," and the adjacent properties to the west/northwest appear to contain buildings utilized for manufacturing associated with the Ozone Metal Products Corp.</p>
1966	No	<p>Subject Property: The Subject Property appears to be developed with two machine shop buildings in the northern portion of the property and a parking lot to the south of the buildings. Additionally, a passageway appears to have been developed which connects the Subject Property to the adjacent Ozone Metal Products Corp. buildings to the west beyond 101st Street.</p> <p>Surrounding Area: The surrounding area appears similar to the 1950 map. Additionally, the adjacent properties to the west appear to contain multiple buildings associated with the Ozone Metal Products Corp. including a machine shop and a private garage.</p>
1969	No	<p>Subject Property: The Subject Property appears to contain the current building and parking lot layout.</p> <p>Surrounding Area: The surrounding area appears similar to the 1966 map.</p>
1970	No	<p>Subject Property: The Subject Property appears similar to the 1969 map.</p> <p>Surrounding Area: The surrounding area appears similar to the 1969 map.</p>
1980	No	<p>Subject Property: The Subject Property appears similar to the 1970 map.</p> <p>Surrounding Area: The surrounding area appears similar to the 1970 map. Additionally, an adjacent property to the west appears to contain a parking lot.</p>
1983, 1985, 1986	No	<p>Subject Property: The Subject Property appears similar to the 1980 map.</p> <p>Surrounding Area: The surrounding area appears similar to the 1980</p>

FIRE INSURANCE MAP SUMMARY		
Year	Issues Noted	Observations
		map.
1987	No	<p>Subject Property: The Subject Property appears similar to the 1986 map. Additionally, the buildings on the Subject Property are no longer identified as machine shops. However, there is a label on the western portion of the property along 101st Street for Ozone Industries.</p> <p>Surrounding Area: The surrounding area appears similar to the 1986 map. Additionally, the adjacent properties to the west appear to contain commercial buildings and parking lots associated with Ozone Industries.</p>
1988, 1990, 1991, 1992, 1993, 1995, 1996, 1999, 2001, 2002, 2003, 2004	No	<p>Subject Property: The Subject Property appears similar to the 1987 map. Relatively little change is observed from 1988 through 2004.</p> <p>Surrounding Area: The surrounding area appears similar to the 1987 map. Relatively little change is observed from 1988 through 2004.</p>
2005	No	<p>Subject Property: The Subject Property appears similar to the 2004 map. Additionally, the buildings appear to be utilized for storage and moving.</p> <p>Surrounding Area: The surrounding area appears similar to the 2004 map. Additionally, the adjacent property to the south appears vacant.</p>
2006	No	<p>Subject Property: The Subject Property appears similar to the 2005 map.</p> <p>Surrounding Area: The surrounding area appears similar to the 2005 map.</p>

6.2 Aerial Photographs

Historical aerial photographs may be used to evaluate changes in land use and to identify visible areas of potential environmental concern. Historical aerial photographs were available for view at NetROnline (<https://www.historicaerials.com/viewer>). Aerial photographs depicting the Subject Property were reviewed and summarized in the following table. Copies of the aerial photographs are not presented in this report. The following table provides the year of the Aerial Photograph and the observations made for the Subject Property and surrounding area.

AERIAL PHOTOGRAPH SUMMARY		
Year	Issues Noted	Observations
1954	No	Subject Property: The Subject Property appears to contain the

AERIAL PHOTOGRAPH SUMMARY		
Year	Issues Noted	Observations
		current multiple buildings/structures. Surrounding Area: The Subject Property appears to be located in an urban area. A roadway is present to the west of the Subject Property. Adjacent properties appear to contain buildings or series of buildings.
1966	No	Subject Property: The Subject Property appears to contain a building on the northern portion of the property and a parking lot on the southern portion of the property. Surrounding Area: The surrounding area appears similar to the 1954 photograph.
1980	No	Subject Property: The Subject Property appears to contain the current building and parking lot layout. Surrounding Area: The surrounding area appears similar to the 1966 photograph. Additionally, the adjacent properties to the west/southwest appear to contain parking lots in addition to the buildings.
1985, 1994, 2004, 2006, 2008, 2009, 2011, 2012, 2013, 2015, 2017, 2015, 2013, 2019	No	Subject Property: The Subject Property appears similar to the 1980 photograph. Relatively little change is observed from 1985 through 2019. Surrounding Area: The surrounding area appears similar to the 1980 photograph. Relatively little change is observed from 1985 through 2019.

6.3 Topographic Maps

Historical topographic maps provide information related to physical land configuration such as elevation, ground slope, surface water and other features. While most buildings in densely developed urban centers are not depicted, topographic maps typically show structures equal to or larger than the size of a single-family residence in rural areas. Other notable features such as woods, pipelines, municipal boundaries, and areas of filled land are often marked on topographic maps.

Historical topographic maps may be used to evaluate changes in land use and to identify visible areas of potential environmental concern. Historical topographic maps were available for view at NetROnline (<https://www.historicaerials.com/viewer>). Historical topographic maps depicting the Subject Property were reviewed and are summarized in the following table. Copies of the topographic maps are not presented in this report. The following table provides the year of the Historic Topo Map and the observations made for the Subject Property and surrounding area.

HISTORICAL TOPO MAPS		
Year	Issues Noted	Observations
1889	No	Subject Property: The Subject Property appears to contain undeveloped vacant land. No structures or features are depicted.
		Surrounding Area: The Subject Property appears to be located in an urban area. A roadway is depicted to the west of the Subject Property. Adjacent properties appear to contain undeveloped vacant land.
1891	No	Subject Property: The Subject Property appears similar to the 1889 map.
		Surrounding Area: The surrounding area appears similar to the 1889 map.
1898	No	Subject Property: The Subject Property appears to be partially shaded black to indicate development.
		Surrounding Area: The surrounding area appears similar to the 1891 map. Additionally, the adjacent properties appear to be partially shaded black to indicate development.
1900, 1903, 1905, 1906, 1908, 1910, 1916, 1924, 1931, 1938	No	Subject Property: The Subject Property appears similar to the 1898 map.
		Surrounding Area: The surrounding area appears similar to the 1898 map.
1947	No	Subject Property: The Subject Property appears similar to the 1938 map.
		Surrounding Area: The surrounding area appears similar to the 1938 map. Additionally, the adjacent properties to the west, northwest, southwest, and southeast appear to be covered by labels.
1948	No	Subject Property: The Subject Property appears similar to the 1938 map.
		Surrounding Area: The surrounding area appears similar to the 1938 map.
1959, 1961, 1966	No	Subject Property: The Subject Property appears similar to the 1948 map.
		Surrounding Area: The surrounding area appears similar to the 1948 map.
1969, 1979, 1988, 2000	No	Subject Property: The Subject Property appears similar to the 1966 map. Additionally, no structures or features are depicted on the Subject Property and the area is shaded red to indicate development.
		Surrounding Area: The surrounding area appears similar to the 1966 map. Additionally, no structures or features are depicted on

HISTORICAL TOPO MAPS		
Year	Issues Noted	Observations
		the adjacent properties and the area is shaded red to indicate development.
2013	No	Subject Property: The Subject Property appears similar to the 2000 map. No structures or features are depicted on the Subject Property. Additionally, the area is no longer shaded red to indicate development.
		Surrounding Area: The surrounding area appears similar to the 2000 map. No structures or features are depicted on the adjacent properties. Additionally, the area is no longer shaded red to indicate development.
2016, 2019	No	Subject Property: The Subject Property appears similar to the 2013 map.
		Surrounding Area: The surrounding area appears similar to the 2013 map.

6.4 City Directory Search

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 Environmental Data Resources, Inc. (EDR). Historical street directories were reviewed and are summarized in the following table. Copies of the street directories are presented in **Appendix D**.

STREET DIRECTORY SUMMARY – SUBJECT PROPERTY		
101-17 THROUGH 101-47 101 ST STREET		
Year	Issues Noted	Occupants
1962	Yes	101-17, 101-23 through 101-27, 101-31 through 101-39 101st Street: The Subject Property addresses are not listed in the City Directory. 101-19 101st Street: Residential Listings 101-21 101st Street: Elan Mach Co 101-29 101st Street: Residential Listings 101-41 101st Street: Residential Listing 101-43 101st Street: Residential Listing 101-45 101st Street: Residential Listing 101-47 101st Street: Residential Listing
1967	Yes	101-17, 101-23 through 101-43 101st Street: The Subject Property addresses are not listed in the City Directory.

STREET DIRECTORY SUMMARY – SUBJECT PROPERTY		
101-17 THROUGH 101-47 101 ST STREET		
Year	Issues Noted	Occupants
		101-19 101st Street: Residential Listing 101-21 101st Street: Elan Mach Co 101-45 101st Street: Residential Listing 101-47 101st Street: Residential Listing
2005	No	101-17, 101-19, 101-23, 101-25, 101-29 through 101-47 101st Street: The Subject Property addresses are not listed in the City Directory. 101-21 101st Street: AMSTER NOVELTY CO, DEBONO BROTHERS BUILDERS DEVELOPERS, MOVING RIGHT ALONG, OCCUPANT UNKNOWN, A Moving Right Along aeanouts, A Moving Right Along, Debono Bros Genl Contrctng Inc, HDebono L F O, Mra Express 101-27 101st Street: Residential Listing
2010	No	101-17, 101-19, 101-23 through 101-47 101st Street: The Subject Property addresses are not listed in the City Directory. 101-21 101st Street: A MOVING RIGHT ALONG MOVERS, MRA EXPRESS, OCCUPANT UNKNOWN
2014	No	101-17, 101-19, 101-23 through 101-47 101st Street: The Subject Property addresses are not listed in the City Directory. 101-21 101st Street: A MOVING RIGHT ALONG CLEANOUTS MOVER, A MOVING RIGHT ALONG SELFSTORAGE RO
2017	No	101-17, 101-19, 101-23 through 101-47 101st Street: The Subject Property addresses are not listed in the City Directory. 101-21 101st Street: A MOVING RIGHT ALONG SELFSTORAGE RO, MOVING RIGHT ALONG MOVERS
2020	No	101-17, 101-19, 101-23 through 101-47 101st Street: The Subject Property addresses are not listed in the City Directory. 101-21 101st Street: Residential Listing, MOVING RIGHT ALONG

Based upon the City Directory review, no environmentally sensitive listings were identified for the Subject Property with the exception of the following:

- According to a review of historical City Directories and Sanborn Maps, from approximately 1966 to 2004 the Subject Property was used as a machine shop or for manufacturing in association with Ozone Metal Products Company/Ozone Industries. The Ozone Industry Properties identified as 100th Street between 101st and 103rd Avenues (which has included the Subject Property (101-21 101st Street), 101-32 101st Street, 101-57 100th Street, and “several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street)) is a State Hazardous Waste Site (SHWS) under the name Ozone Industries, Site No. 2-41-033. However, a review of the extensive remedial investigations and remedial

efforts performed, indicates the Subject Property was not included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry State Hazardous Waste site. Therefore, the historical use of the Subject Property as a machine shop/manufacturing associated with the Ozone Industries property is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.

STREET DIRECTORY SUMMARY		
ADJACENT PROPERTIES TO THE NORTH – 101-13 101ST ST AND 101-18 AND 101-20 102ND ST		
Year	Issues Noted	Occupants
1962	No	101-13 101st Street: Residential Listing 101-18 and 101-20 102nd Street: The adjacent property addresses are not listed in the City Directory.
1967	No	101-13 101st Street: Residential Listing 101-18 and 101-20 102nd Street: The adjacent property addresses are not listed in the City Directory.
1976	No	101-13 101st Street: Residential Listing 101-18 and 101-20 102nd Street: The adjacent property addresses are not listed in the City Directory.
1983	No	101-13 101st Street: Residential Listing 101-18 and 101-20 102nd Street: The adjacent property addresses are not listed in the City Directory.
1991	No	101-13 101st Street: 101-18 and 101-20 102nd Street: The adjacent property addresses are not listed in the City Directory.
1992	No	101-13 101st Street: Residential Listing 101-18 and 101-20 102nd Street: The adjacent property addresses are not listed in the City Directory.
2000	No	101-13 101st Street: Residential Listings 101-18 and 101-20 102nd Street: The adjacent property addresses are not listed in the City Directory.
2005	No	101-13 101st Street: Residential Listings 101-18 and 101-20 102nd Street: The adjacent property addresses are not listed in the City Directory.
2020	No	101-13 101st Street: Residential Listings 101-18 and 101-20 102nd Street: The adjacent property addresses are not listed in the City Directory.

STREET DIRECTORY SUMMARY		
ADJACENT PROPERTIES TO THE EAST – 101-26 THROUGH 101-52 102ND St		
Year	Issues Noted	Occupants
1934	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings
1962	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings
1967	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings
1970	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings
1983	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings
1991	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listing
1992	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listing
2000	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings
2005	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings
2010	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listing
2014	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings
2017	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings
2020	No	101-26 through 101-50 102nd Street: The adjacent property addresses are not listed in the City Directory. 101-52 102nd Street: Residential Listings

STREET DIRECTORY SUMMARY		
ADJACENT PROPERTY TO THE SOUTHEAST – 101-54 102 ND ST		
Year	Issues Noted	Occupants
1934	No	Residential Listings
1939	No	Residential Listing
1962	No	Residential Listing
1967	No	Residential Listing
1970	No	Residential Listing
1992	No	Residential Listing
2000	No	Residential Listings
2005	No	Residential Listings
2010	No	Residential Listing
2014	No	Residential Listing
2017	No	Residential Listing
2020	No	Residential Listing

STREET DIRECTORY SUMMARY		
ADJACENT PROPERTY TO THE SOUTH – 101-09 103 RD AVE		
Year	Issues Noted	Occupants
2020	No	SAFEGUARD SELF STORAGE

STREET DIRECTORY SUMMARY		
ADJACENT PROPERTIES TO THE SOUTHWEST – 101-50 101 ST ST AND 100-57 103 RD AVE		
Year	Issues Noted	Occupants
1945	No	101-50 101st Street and 100-11 and 100-57 103rd Avenue: The adjacent property addresses are not listed in the City Directory. 101-55 100th Street: Residential Listing
1962	No	101-50 101st Street: METROPOLITN DSTRIBUTRS INC 100-11 and 100-57 103rd Avenue: The adjacent property addresses are not listed in the City Directory. 101-55 100th Street: Residential Listing

STREET DIRECTORY SUMMARY		
ADJACENT PROPERTY TO THE WEST – 101-20 THROUGH 101-32 101 ST ST		
Year	Issues Noted	Occupants
1962	Yes	101-22 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-20 101st Street: <i>RMP Industries Inc sheet mtl</i>

STREET DIRECTORY SUMMARY		
ADJACENT PROPERTY TO THE WEST – 101-20 THROUGH 101-32 101ST ST		
Year	Issues Noted	Occupants
		101-32 101st Street: OZONE METAL PRODS CORP
1967	Yes	101-20 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-32 101st Street: Ozone Aircraft Components Corp, Ozone Metal Prods Corp, RMP Industries Inc sheet mtl
1970	Yes	101-20 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-32 101st Street: Ozone Aircraft Components Corp, Ozone Metal Prods Corp, RMP Industries Inc sheet mtl
1991	Yes	101-20 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-32 101st Street: Ozone Aircraft Components Corp, OZONE INDUSTRIES INC
1992	Yes	101-20 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-32 101st Street: OZONE INDUSTRIES INC, OZONE AIRCRAFT COMPONENTS CORP, OZONE INDUSTRIES A JOY MFG CO
1995	Yes	101-20 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-32 101st Street: OZONE INDUSTRIES INC, OZONE AIRCRAFT COMPONENTS CORP, OZONE INDUSTRIES A JOY MFG CO
2000	Yes	101-22 through 101-32 101st Street: The adjacent property addresses are not listed in the City Directory. 101-20 101st Street: Mtrpltn GMT Clng
2005	Yes	101-22 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-20 101st Street: Metropolitan Garment Cleaning, METROPOLITAN GARMENT CLEANING INC 101-32 101st Street: Fivestar/Ferguson Electric, FIVE STAR ELECTRIC CORP
2010	Yes	101-22 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-20 101st Street: METROPOLITAN GARMENT CLEANING, RICHIES GYM 101-32 101st Street: FIVE STAR ELECTRIC CORP
2014	Yes	101-22 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-20 101st Street: METROPOLITAN GARMENT CLEANING INCORP 101-32 101st Street: FIVE STAR ELECTRIC
2017	Yes	101-22 through 101-30 101st Street: The adjacent property addresses

STREET DIRECTORY SUMMARY		
ADJACENT PROPERTY TO THE WEST – 101-20 THROUGH 101-32 101 ST ST		
Year	Issues Noted	Occupants
		are not listed in the City Directory. 101-20 101st Street: METROPOLITAN GARMENT CLEANING INC 101-32 101st Street: FIVE STAR ELECTRIC
2020	Yes	101-22 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory. 101-20 101st Street: Residential Listings 101-32 101st Street: FIVE STAR ELECTRIC CORP

Based upon City Directory review, no environmentally sensitive listings were identified for the adjacent properties with the exception of the following:

- According to a review of the City Directories, the adjacent property to the west identified as 101-20 101st Street was occupied by a sheet metal manufacturer in 1962 (RMP Industries Inc sheet metal) and was occupied by a drycleaner (Metropolitan Garment Cleaning Inc.) from at least 2000 through 2017. As discussed in Section 5.1.2 of this report, Metropolitan Garment Cleaning, located at 101-20 101st Street, is listed in the RCRA Generators, US AIRS MINOR, AIR, DRY CLEANERS, EDR HIST CLEANER, and NY MANIFEST databases. According to the RCRA Generator database, Metropolitan Garment Cleaning is a Small Quantity Generator (SQG) of Tetrachloroethylene (TCE) and is historically listed as a SQG in 1998, 2006, and 2007. The EDR HIST CLEANER database indicates drycleaners operated at the 101-20 101st Street property from at least 1999 through 2014 under the following names: Sunflower Cleaners (1999-2008), Mepropolipan Garmend Cleaning (2010-2014), Metropolitan Garment (2013-2014). Additionally, according to a review of Google Maps and Yelp, Metropolitan Garment Cleaning currently operates at the adjacent property to the west. Additionally, according to a review of historical Sanborn Maps, the property was historically occupied by manufacturing operations including those associated with Ozone Metal Products Corp. from at least 1950 through at least 1986 after which the building is identified as being commercial from 1987 through 2006. Based upon the distance (<100 feet), the generation of Tetrachloroethylene, and the continued operation of the drycleaner at the property, the operation of a drycleaner at the adjacent property to the west is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.

- According to a review of the City Directories, the adjacent property to the west identified as 101-32 101st Street was occupied by a sheet metal manufacturer in 1967 (RMP Industries Inc sheet metal) and was occupied by a metal products company/aircraft components manufacturer (Ozone Metal Products Corp., Ozone Aircraft Components Corp, Ozone Industries Inc.) from at least 1962 through 1995. As discussed in Section 5.1.2 of this report, Ozone Industries is listed in the RCRA Generators, NY MANIFEST, US AIRS MINOR, SHWS, VAPOR REOPENED, State Tanks (AST, UST, CBS, CBS UST), State Spills (SPILLS), AND State Leaking Tanks (LTANKS) databases. Tanks at the Ozone Industries Site appear to have contained Trichloroethylene (TCE) and No. 2 Fuel Oil and the tanks are listed as being temporarily out of service, closed and removed, or closed in place. All of the spill cases were closed to the satisfaction of the NYSDEC. The RCRA generators database indicates that Ozone Industries is identified as a verified non-generator, however, Ozone Industries reportedly generated ignitable waste and spent halogenated solvents and is historically listed as a Large Quantity Generator (LQG) in 1986, 1992, and 1994, as a Small Quantity Generator (SQG) in 1999, and as a verified non-generator in 2006 and 2007. According to the SHWS database, Ozone Industries is listed in the Hazardous Waste Program under Site Code 58595/HW Code 241033 and is classified as a "Significant threat to the public health or environment – action required). As a result of prior environmental investigations, the contaminants of concern at the Former Ozone Industries Site includes Trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) and "shallow subsurface soil, soil vapor and groundwater are impacted as a result of stored drums of TCE in several bays below the abandoned elevated Long Island Railroad." The database further indicates "the site presents a significant environmental threat due to the potential release of contaminants from source areas into the groundwater." Additionally, according to a review of Sanborn Maps, the property has been occupied by coal sheds (1901), a wood, brick, line, and cement shed (1911), Rubel Coal & Ice Corporation in 1927 during which time a gasoline tank was depicted on the western portion of the property, and by Ozone Metal Products Corp./Ozone Industries from at least 1950 through 2006 for manufacturing purposes. Based upon the "significant threat" of the Ozone Industries site which includes the Subject Property, the historic operations conducted by Ozone Industries at and in the vicinity of the Subject Property is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.

A review of the City Directories indicated the majority of the adjacent property addresses along 102nd Street were not researched: 101-18 through 101-50 102nd Street. Based upon

a review of the historic Sanborn Maps, the adjacent properties along 102nd Street appear to have contained residential buildings from at least 1901 through 2006. Based upon the residential use of the properties since at least 1901, the absence of City Directory listings for the adjacent properties to the north and east along 102nd Street does not represent an environmental concern.

6.5 Previous Studies

Touchstone Environmental Geology, PC was provided with A Phase I Environmental Site Assessment (ESA) by Aqua Terra Assessment dated October 28, 1999 and a Phase II ESA by Vertex dated May 23, 2022. These reports are summarized below:

Phase I Environmental Site Assessment, Aqua Terra Assessment Services, Corp, October 28, 1999

- At the time of the Assessment the property contained its current confirmation of a 2-story 36,000 square foot building.
- At the time of the Assessment, the property was known as Amster Novelty, 101-21 101st Street in Queens, New York.
- At the time of the assessment, the Subject Property was occupied by Amster Novelties, a fabric novelty manufacturing company. The first floor contained a shipping and receiving area in the south portion of the building. The middle and northern sections of the first floor contained sewing machines and machinery used for the manufacturing process. The northern half of the second floor contains additional sewing area and manufacturing areas. Two partial basements contain mechanical areas and some equipment storage.
- The Environmental Data Resources, Inc. (EDR) database was researched on October 20, 1999. The report indicates the Subject Property is not listed in the USEPA Resource Conservation and Recover Act Information System (RCRIS); however, two adjacent sites, Metropolitan Garment Cleaning and Ozone Industries located at (101-32 101st Street) were listed. The report further indicates that the adjacent facility, Ozone Industries, was once located on the Subject Property and that the site is unlikely to have has an adverse impact to the environmental quality of the Subject Property based upon the lack of violations associated with the site USEPA RCRIS.
- Ozone Industries is listed twice on the NYSDEC Spills database for three separate releases. The spills are further described below:
 - One release appears to be from the 1,080-gallon trichloroethylene tank previously used at the Subject Property (Ozone Industries is a former

- tenant of the subject property). According to the database, a tank test failure was reported in 1987. The tank was re-tested, and the reported release was given a closed status on October 7, 1992. A closure designation is given a closed status on October 7, 1992.
- Another listed release from the site was also given a closed status. Given the remedial status of the release, it is not anticipated that it has had an adverse impact on the subject property.
 - The third release is identified as having affected the soil only. During the removal of a tank, soil contamination was identified and stockpiled at the site in April 1998. However, given that the groundwater was not impacted, it is unlikely that this site has had an adverse environmental impact to the Subject Property.
- The Subject Property is not listed on the NYSDEC PST database. However, Ozone Industries located at 101-32 101st Street, adjacent to the west of the Subject Property was listed in the PST database. According to the database report, the site has a total of eight registered USTs. The facility is actually a tenant of the Subject Property and according to a previous Phase I ESA conducted in 1995, three of these tanks were previously located at the subject property. Two of the tanks (Tank ID#s 002 and 003) are listed as 2,000-gallon fuel oil USTs, which were installed in 1957 and 1967. Both of these tanks are listed as having been closed prior to April 1991. The third tank, which was located on the subject property (Tank ID #009) is listed as a 1,080-gallon UST and the contents are listed as "other". This tank was installed in 1967 and was also closed prior to April 1991. This site is listed on the NYSDEC Spills list (discussed previously).
 - The Interview section of the report indicates Mr. Patsy Picano, the building superintendent, at the subject property for the past 30 years indicated, two oil tanks were removed from the subject property approximately 15 years ago.
 - The assessment included a review of a previous Phase I ESA conducted in November 1995, which was prepared by Energy & Environmental Analysts, Inc. (EEA). The report indicated that the building is actually three interconnected buildings, known as Buildings 5, 6 and 9. The buildings were constructed in 1964, 1959 and 1968, respectively. The "building" on-site was once connected by a footbridge to the building across 101st Street, all of which were occupied by Ozone Industries. Ozone Industries designed and manufactured hydraulic equipment for use in helicopters and small aircraft until they vacated the subject property in July 1995.
 - EEA further indicates that three USTs were previously located on-site: two 2,500-gallon fuel oil USTs and a 1,080-gallon fuel oil USTs. Each of these USTs were reportedly closed in place in 1987. In addition, one of the fuel oil USTs was removed from the building in the early 1990s to facilitate the installation of

machinery in the area of this UST. The EEA report recommended the subsurface in the vicinity of the USTs be tested for possible contamination. In addition, EEA identified a drywell and a trench adjacent to the southwest corner of the building the parking lot and a trap cover in the southwest corner of the building. EEA recommended sampling these areas to determine if past operations have led to discharges of hazardous materials into these systems. No other recommendations were made in EEA's report.

- AquaTerra identified evidence of underground storage tanks (USTs) on the subject property. A fill cap, a remote fill cap, and a vent pipe were identified towards the northwest front of the building indicative of a fuel oil UST. An additional fill cap and vent pipe were observed towards the southwest front of the building. According to a previous Phase I ESA conducted in November 1995 by EEA three USTs were previously used on-site. The first fill cap and vent pipe identified by AquaTerra correspond to a former 2,500-gallon fuel oil UST which was closed in place in 1987. The second fill cap and vent pipe correspond to a former 1,080-gallon trichlorethylene UST which was also closed in place in 1987. According to Mr. Picano and the EEA report, another 2,500-gallon fuel oil UST was previously located in the southeast corner of the building. This UST was also closed in place in 1987. However, this UST was removed in the early 1990s to facilitate the installation of machinery in the area of this UST. Therefore, two closed in place USTs remain on-site; one UST formerly contained fuel oil and one UST formerly contained trichloroethylene. EEA's Phase I ESA report recommended subsurface testing to determine if these USTs were properly closed in-place.

EEA conducted a Phase II Environmental Subsurface Investigation at the Subject Property in December 1995. As part of the Phase II Environmental Subsurface Investigation at the subject property in December 1995. As part of the Phase II Investigation, three soil borings were advanced in the vicinity of the three USTs. Each of the nine borings were advanced to a depth of nine feet below grade surface (bgs) and soil samples were collected from the boring termination. Each of the soil samples collected from around the fuel oil USTs were analyzed for total petroleum hydrocarbons (TPHC) and the soil samples collected from around the fuel oil USTs were sampled for volatile organic compounds (VOCs). The highest TPHC readings from the six soil samples collected from around the fuel oil USTs was 80 parts per million (ppm). The NYSDEC does not have a recommended action level for TPHC. However, TPHC levels greater than 100 are regarded as indications of a possible release. Therefore, the TPHC levels detected around the fuel oil USTs are not indicative of a release. The soil samples collected around the former trichloroethylene UST were found to contain 1, 1, 1-

trichloroethene and trichloroethene at levels of 13 parts per billion (ppb) and 180 ppb, respectively. The NYSDEC Technical and Administrative Guidance Memorandum (TAGM) Soil Cleanup Objectives and Cleanup Levels indicate that the recommended soil cleanup objectives for 1, 1, 1-trichloroethene and trichloroethene are 800 ppb and 700 ppb, respectively. Therefore, it does not appear that the former trichloroethylene UST has had an adverse environmental impact on the subject property.

In addition to the three former USTs located on-site, AquaTerra identified a gasoline tank permit on-file for the subject property with the New York City Department of Buildings. The permit was from 1915. AquaTerra submitted a records search with the New York City Fire Department (NYCFD) for records of gasoline tanks on-site. However, no records of gasoline tanks were on-file with the NYCFD and no evidence of this tank was observed during the site inspection. AquaTerra did identify a small concrete pad in the parking lot on-site. According to Mr. Picano, there have never been any gasoline tanks located on the subject property to his knowledge. Mr. Picano stated that the concrete pad was the location of a previous propane tank.

- During the Aqua Terra assessment, a small quantity of chemicals was identified on-site. A 55-gallon drum of lubricating oil was identified in the sewing area on the first floor. Small containers of oil were located in the vicinity of this drum. Another 55-gallon drum of lubricating oil was identified in the partial basement in the middle of the building. A 55-gallon drum of hydraulic oil was identified in the hydraulic elevator motor room. All of the chemicals, identified by AquaTerra are in good condition, with no evidence of staining or spillage.
- Minor oil staining was identified in the hydraulic elevator motor room. However, this staining was on a concrete floor in good condition and no floor drains were identified near this staining.
- During the AquaTerra assessment the chemicals stored on-site were used for machine maintenance. The hydraulic oil is used for elevator maintenance. Minor staining was identified in the elevator motor room. According to the American Elevators, whom serviced the elevator at the time of the AquaTerra Assessment, the elevator had no records of leaks and the elevator was pressure tested every three years. Staining was also identified in the middle of the building which is associated with an old air compressor.
- During the AquaTerra assessment, several floor drains and wasteline access

panels were identified in the building. No staining was identified in the vicinity of these floor drains. AquaTerra identified this drywell and trench area during the site inspection (see Picture #24). As part of a Phase II subsurface investigation at the subject property, a soil sample was collected from the base of the vault and a soil sample was collected in the vicinity of the exterior drywell and trench. The sample collected from the interior vault was found to contain 18,000 ppm of PHC, which is indicative of a petroleum release. The soil sample collected from the exterior drywell and trench area was analyzed for TPHC, VOCs, and metals. EEA recommended that the sediments in the vault be cleaned out. According to Mr. Tepper, the contamination identified was cleaned out prior to Amster Novelties occupancy of the building.

- The Aqua Terra has the following conclusion:

Three underground storage tanks (USTs) were previously used on-site: a 1,080-gallon trichloroethylene UST and two 2,500-gallon fuel oil USTs. Each of these USTs was closed in-place and one of the fuel oil USTs was subsequently removed from the subject property. In addition, a former Phase I ESA conducted on-site identified a floor vault in the southwest corner of the building and a drywell and drainage trench were identified in the parking area on-site. A Phase II Subsurface Investigation was conducted at the subject property in 1995 to address potential contamination from the three former USTs, the floor vault, the drywell, and the drainage trench. Soil samples were collected from between nine and twelve feet below ground surface. None of the soil samples collected were found to contain contaminants above the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) Soil Cleanup Objectives and Cleanup Levels.

Phase II Limited Subsurface Investigation by Vertex dated May 23, 2022

The Phase II Limited Subsurface Investigation (LSI) was conducted to determine the current soil, groundwater, sub-slab soil gas and indoor air conditions at the site due to the presence of recognized environmental conditions (RECs) identified during a Phase I ESA prepared by VERTEX dated April 29, 2022.

- At the time of the investigation the Subject Property was approved with the current two-story building and was occupied by Moving Right Along, a storage facility.
- The Phase I ESA identified the following RECs:
 - Historical on-site operations including machine shops, and various manufacturing operations.

- Three former underground storage tanks (USTs); one closed in place 1,080-gallon UST containing trichloroethylene (TCE), one closed in place 2,500-gallon No. 4 fuel oil UST, and one removed, 2,500-gallon No. 4 fuel oil UST with a lack of closure documentation, a lack of groundwater sampling, and inadequate soil sampling.
- The unknown status of the floor vault with impacted sediments confirmed during a prior Phase II investigation.
- The long-term historical industrial operations on off-site properties: and,
- Confirmed groundwater and soil vapor impacts at the site.

A Phase II LSI was recommended to determine the current soil, groundwater, sub-slab soil gas, and indoor air conditions at the Site due to the presence of the RECs.

- The GPR survey identified the boundaries of the former UST and closed-in place UST. However, the former floor vault was unable to be located during the investigation. The soil investigation consisted of the installation and sampling of six soil borings. Soil samples were continuously collected in five-foot acetate sleeves as each boring was advanced. Shallow soil at the Site consisted of brown medium-grained sand with traces of gravel to depths of 30 feet below ground surface (bgs). Groundwater was encountered between 24 and 29 feet bgs in the temporary wells. The soil samples were analyzed for volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method 8260. The soil samples collected from adjacent to the closed in place and removed fuel oil USTs were additionally analyzed for semivolatile organic compounds (SVOCs) via USEPA Method 8270.
- The results of the soil sampling indicate no contaminants were detected at concentrations exceeding the RUSCO-C, RUSCO-GW, or the UUSCO in any of the soil samples. Low concentrations of tetrachloroethylene (PCE) and trichloroethylene (TCE), solvents previously stored and used at the site, were detected in several of the soil samples but at concentrations below the UUSCOs.
- During the investigation, all six of the soil borings were converted into temporary wells. Groundwater stabilized in the temporary monitoring wells at depths between 24 and 29 feet bgs. No evidence of a visible sheen, odors, or elevated PID readings were observed in the temporary well during the development or sampling activities. The groundwater samples were collected using a dedicated, disposable weighted bailer. The groundwater sample was submitted to Alpha and analyzed for VOCs. The samples collected near the closed in place and

removed fuel oil USTs and the southwestern side of the site (near the suspected location of the former floor vault) were additionally analyzed for SVOCs.

- The results of the Groundwater Testing indicated that PCE and TCE were detected in the groundwater at concentrations exceeding the AWQS and Class GA, which indicates that the former site operations have impacted the site. Polycyclic aromatic hydrocarbons (PAHs) were detected in the three groundwater samples that were analyzed for SVOCs. Based upon the lack of detection of PAHs in the soil samples and the turbid nature of the samples collected from temporary monitoring wells, these exceedances are not indicative of a release from the former USTs or floor vault.
- The soil vapor intrusion survey consisted of the installation and sampling of five soil vapor samples and five indoor air samples. The locations were selected to either confirm previous Phase II LSI results or fill in data gaps. SSSV samples were completed by drilling 3/8-inch core holes through the concrete slab.
- The results of the soil vapor intrusion survey indicate in accordance with the NYSDOH decision matrices, mitigation is required for the concentrations of Cis-1,2-Dichloroethene, TCE and PCE detected.
- Vertex provided the following conclusions and recommendations:
 - Soil exceedances were not identified during the Phase II LSI; however, based on the other results of the Phase II LSI (summarized below), a hot spot area/area of CVOC contamination are likely to be encountered during site redevelopment.
 - Groundwater was encountered between 24 and 29 feet bgs in the temporary wells.
 - Groundwater concentrations of CVOCs were detected at the highest concentrations in the vicinity of the abandoned TCE UST (VTX-TW-3) and downgradient of the UST (VTXTW-2, VTX-TW-5, and VTX-TW-6). A source area may be present near the UST and/or former waste lines. The waste lines could not be located during the Phase II LSI. Additionally, a source area may be located in the vicinity of the former solvent storage areas (northeast corner of the building) based on the sub-slab soil gas sampling results.
 - A previous Phase II investigation concluded that the western adjacent property had impacted the site; however, based on the results of VERTEX's investigation and a review of reports associated with the

adjacent property, VERTEX opines that the impacts identified onsite are related to former site operations and not the western adjacent property, as groundwater flows to the south-southwest.

- The highest concentrations of TCE detected in sub-slab soil gas were located in the vicinity of the TCE UST (VTX-SG3) and downgradient from the UST (VTX-SG4 and VTX-SG5). An additional CVOC source area may be located in the northeastern portion of the building (former solvent storage area) as PCE was detected in the highest concentrations in samples VTX-SG1 and VTX-SG2, which are downgradient from the former storage area and upgradient of other CVOC contamination identified at the site. Contamination in the northeast portion of the building may be related to an unknown offsite upgradient source; however, a suspected source was not identified in the Phase I ESA.

Based upon these findings: VERTE recommended the following:

- Preparation of a Soil and Groundwater Management Plan (SGMP) to ensure that all excavated soils, potentially impacted soils related to current or former USTs and any USTs that may be discovered, and any CVOC hot spot area(s) are managed properly in accordance with applicable regulations;
- Removal of the remaining abandoned USTs;
- Additional site characterization to identify the source(s) of the CVOC contamination and delineate groundwater and sub-slab soil gas impacts;
- Remediation of the identified impacts through the NYSDEC Brownfield Cleanup Program (BCP) or New York City Office of Environmental Remediation (NYC OER) Voluntary Cleanup Program (VCP) or other applicable program which may include:
 - Hot spot excavation if a source is identified;
 - Possible groundwater treatment via in-situ chemical injections
 - Characterization of surplus soil scheduled for excavation and off-site disposal prior to foundation excavation so the soil management costs can be understood in advance;
 - Design and installation of vapor barrier in the proposed building;
 - Design and installation of a sub-slab depressurization system (SSDS) in the proposed building; and,
 - Post-remediation indoor air sampling to confirm the effectiveness of remediation.

A review of the Phase I ESA by Aqua Terra dated October 28, 1999 and a review of the Vertex Phase II Limited Subsurface Investigation identified the following RECs:

- The presence of three former underground storage tanks (USTs); one closed in place 1,080-gallon UST containing trichloroethylene (TCE), one closed in place 2,500-gallon No. 4 fuel oil UST, and one removed, 2,500-gallon No. 4 fuel oil UST with a lack of closure documentation. During the Phase II ESA by Vertex, soil probes, groundwater probes, vapor probes and indoor air sampling were conducted around the former USTs. While no impacts were identified in the soil samples at concentrations exceeding regulatory standards elevated levels of chlorinated solvent volatile organic compounds (CVOCs) were identified in the groundwater and soil vapor near the USTs. Vortex concluded that the highest concentration of TCE the sub-slab gas was detected in the vicinity of the TCE UST and downgradient of the TCE UST. Additionally, the greatest concentration of CVOCs in the groundwater were detected in the vicinity of the abandoned TCE UST and downgradient of the UST. Touchstone was not made aware of these USTs prior to the performance of the Phase II ESA. The presence of abandoned in place USTs at the Subject Property near groundwater and soil vapor contamination is considered a Recognized Environmental Condition (REC).
- The presence of CVOCs in the groundwater at concentrations exceeding the GQS. The highest concentrations of CVOCs were detected in the vicinity of the abandoned TCE UST and downgradient of the UST.
- The presence of chlorinated solvents in the soil vapor and indoor air at concentrations requiring mitigation.

Appendix E contains copies of Historical Reports

Additionally, Touchstone Environmental Geology, PC was provided with prior reports regarding the Ozone Industries State Hazardous Waste Site (SHWS) via the NYSDEC DEC Info Locator Site. The reports obtained from the NYSDEC are summarized in Section 5.2 of this report.

6.6 Recorded Land Title Records

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.

6.7 Environmental Liens and Activity and Use Limitation

A search for Environmental Liens and Activity and Use Limitations was not included in the scope of this assessment.

7.0 SUBJECT PROPERTY RECONNAISSANCE

The Subject Property reconnaissance was conducted by Mr. Firat Ataman of Touchstone Environmental Geology, PC on June 14, 2023. Mr. Ataman was accompanied by the Subject Property owner, Mr. Rueda during the Site Reconnaissance. Photographs of the Site Reconnaissance are provided in **Appendix F**.

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. Unimproved portions of the Subject Property were observed along the perimeter and in a general grid pattern in safely accessible areas. Building exteriors were observed along the perimeter from the ground, unless described otherwise. Building interiors were observed as they were made safely accessible, unless described otherwise.

At the time of the survey, the weather was cloudy and approximately 72° Fahrenheit. During the survey, representative tenant spaces, mechanical spaces, and/or equipment and building components were observed. There were no significant portions of the Subject Property that were inaccessible or excluded from this survey.

7.1 Site Reconnaissance

The following pertinent information was obtained during the Subject Property Site Reconnaissance:

7.2 Hazardous Substance and Petroleum Products

7.2.1 Hazardous Substances and Petroleum Products (identified uses):

Touchstone observed no evidence of suspect hazardous substances or petroleum products with the exception of the following;

- (1) 55-gallon drum of Centurian Hydraulic 32 (150) oil

Touchstone identified the presence of one 5,000-pound capacity hydraulic oil freight elevator as well as one 55-gallon drum of hydraulic oil in the elevator equipment room located in the central portion of the Subject Property building. A spill tray and oil-soaked absorbent pads were identified beneath the elevator machinery indicating oil has/had leaked from the equipment. Based upon the identification of a spill tray and oil pads beneath the elevator piping and equipment, the suspect leaking of hydraulic oil is considered to represent a Recognized Environmental Condition (REC).

7.2.2 Hazardous Substances and Petroleum Products (unidentified uses):

Touchstone did not observe evidence of hazardous substances or petroleum product containers at the Subject Property that were not in connection with identified uses.

7.2.3 Unidentified Substance Containers

Touchstone did not observe evidence of unidentified substances at the Subject Property.

7.3 Waste Generation, Storage and Disposal

Touchstone identified the following waste streams at the Subject Property:

Classification	Type of Waste / Generation Process	Type of Storage / Location	Disposal Method / Contractor
Non-Regulated Waste	Routine Site Operations	Dumpsters on Subject Property	New York City Department of Sanitation
Non-Regulated Liquid Waste	Sanitary Sewage / Routine Site Operations	NA (Municipal Sewer)	New York City Department of Environmental Protection

7.4 Underground Storage Tanks (USTs) & Aboveground Storage Tanks (ASTs)

7.4.1 Existing Storage Tanks

The following evidence of existing ASTs and USTs was identified:

- During the site reconnaissance, Touchstone identified the presence of a suspect fill port and suspect vent pipe along the sidewalk of 101st Street. The Subject Property owner, Mr. James Rueda, indicated he was not familiar with the presence of a UST at the Subject Property. Oil boilers are not present at the property. However, based upon the presence of a suspect vent pipe and fill port on the sidewalk of 101st Street a heating oil UST may be present at the Subject Property. The suspect presence of a UST is considered to represent a Recognized Environmental Condition (REC).

7.4.2 Former Storage Tanks

- According to the Phase I ESA by Aqua Terra dated October 28, 1999, the Subject Property is associated with three former underground storage tanks (USTs); one closed in place 1,080-gallon UST containing trichloroethylene (TCE), one closed in place 2,500-gallon No. 4 fuel oil UST, and one removed, 2,500-gallon No. 4 fuel oil UST. These USTs were closed without proper documentation. The 1,080-gallon

TCE UST appears to be associated with a closed NYSDEC spill case. These USTs were investigated by Vertex during a Phase II ESA conducted in May 2022. The Phase II ESA consisted of the installation and sampling of soil probes, groundwater probes, vapor probes and the collection of indoor air samples around the former USTs. While no impacts were identified in the soil samples installed around the USTs at concentrations exceeding regulatory standards, elevated levels of chlorinated volatile organic compounds (CVOCs) were identified in the groundwater and soil vapor near the USTs. Vortex concluded that the highest concentration of TCE in the sub-slab gas samples were detected in the vicinity of the TCE UST and downgradient of the TCE UST. Additionally, the greatest concentration of CVOCs in the groundwater were detected in the vicinity of the abandoned TCE UST and downgradient of the UST. Touchstone was not made aware of these USTs prior to the performance of the Phase II ESA. The presence of an abandoned in place fuel oil UST is considered a Recognized Environmental Condition (REC). The presence of an abandoned in place TCE UST associated with CVOC impacts associated with soil vapor, indoor air and groundwater is considered a REC.

7.5 Oil-Containing Equipment and Polychlorinated Biphenyls (PCBs)

No potential PCB containing equipment was identified in the building, however, Touchstone identified the presence of one 5,000-pound capacity hydraulic oil freight elevator as well as one 55-gallon drum of hydraulic oil in the elevator equipment room located in the central portion of the Subject Property building. A spill tray and oil-soaked absorbent pads were identified beneath the elevator machinery indicating oil has/had leaked from the equipment. Based upon the identification of a spill tray and oil pads beneath the elevator piping and equipment, the suspect leaking of hydraulic oil from the hydraulic elevator is considered to represent a Recognized Environmental Condition (REC).

7.6 Additional Site Conditions

The following is a summary of additional observations made during the Site Reconnaissance:

Additional Site Conditions	
Interior Drains, Trenches, Sumps	Yes
Interior Stains or Corrosion	Yes
Unusual Odors	No
Interior Pools of Liquid	No
Stained Soil or Pavement	No

Stressed Vegetation	No
Indications of Solid Waste Disposal	No
Exterior Pits, Ponds or Lagoons	No
Wastewater or Stormwater Discharge/Disposal	No
Oil-Water Separators or Clarifiers	No
Septic Systems or Cesspools	No
Wells (Drinking Water Wells, Monitoring Wells, Agricultural/Irrigation Wells or Process Water Wells)	Yes
Petroleum or Natural Gas Pipelines/Easements	No

During site reconnaissance, interior floor drains were observed in the Subject Property basement. No odors, staining or releases were observed associated with the interior floor drains. While the Subject Property is connected to the municipal sewer system, there is still the potential that the floor drains could have been impacted during the use of the Subject Property buildings as machine shops associated with the Ozone Industries. Based upon the historical use of the Subject Property as Ozone Industries' machine shops, the presence of interior floor drains at the Subject Property basement is considered to represent a Recognized Environmental Condition (REC).

Touchstone identified the presence of multiple monitoring wells in the Subject Property sidewalk along 101st Street and one monitoring well in the Subject Property parking lot. Touchstone was unable to identify the purpose of the monitoring wells; however, they are most likely associated with the Ozone Industries State Hazardous Waste Site, ID 2-41-033. The presence of monitoring wells along the Subject Property boundaries was considered to represent a recognized environmental condition (REC) and was further investigated during the Phase II portion of this assessment.

Touchstone identified the presence of water and staining/discoloration on the Subject Property ceiling indicating the potential presence of leaking and/or mold in these areas. Based upon the current conditions and maintenance of the Subject Property, the presence of water and staining/discoloration on the Subject Property ceiling is considered unlikely to impact upon the environmental quality of the Subject Property. Mold is a consideration outside the scope of ASTM E 1527-21 and is not considered to represent a recognized environmental condition (REC).

8.0 INTERVIEWS and CLIENT / USER-PROVIDED INFORMATION

During the course of the Phase I Assessment, interviews were conducted with respect to the operation and history of the site and a Client/User Questionnaire was provided. The User Questionnaire has been completed or returned to our offices and can be found in **Appendix G** of this report. The information requested in the User Questionnaire is intended to assist in gathering information that may be material to identifying recognized environmental conditions in connection with the Subject Property.

8.1 Interviews

In accordance with ASTM E1527-21, the following interviews were performed during this assessment in order to obtain information indicating RECs in connection with the Subject Property.

8.1.1 Interview Summary

Mr. Ataman was accompanied by Mr. Rueda, the Subject Property owner, during the Site Reconnaissance. Mr. Rueda had only been affiliated with the Subject Property for a short period of time at the time of the Site Reconnaissance and reported that he was not familiar with the presence of an UST at the Subject Property. Mr. Rueda did not have any further information regarding the presence of the monitoring well at the Subject Property.

8.1.2 Past Owners, Operators, and Occupants

Touchstone did not attempt to interview past owners, operators, and occupants of the subject property because information from these sources would likely be duplicative of information already obtained from other sources.

8.1.3 Interviews with Others

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this report.

8.2 User Provided Information

User provided information is intended to help identify the possibility of RECs in connection with the Subject Property. According to ASTM E1527-13 certain items should be researched by the prospective landowner or grantee, and the results of such inquiries may be provided to the Environmental Professional. The responsibility for qualifying for LLPs

by conducting the inquiries ultimately rests with the User, and providing the information to the Environmental Professional would be prudent if such information is available.

9.0 VAPOR ENCROACHMENT SCREENING

Touchstone Environmental Geology, PC performed a vapor encroachment screening in accordance with ASTM E1527-21. This screening is not intended to satisfy the requirements of ASTM E2600-15.

The purpose of the screening is to determine if there are any potential chemicals of concern (COC) that may migrate as vapors into the vadose zone of the property as the result of contaminated soil and/or groundwater on or near the property. The scope of this screening was limited to visual observations and review of environmental database reports and did not include the collection and laboratory analysis of air samples.

The results of the vapor encroachment screening indicate the historic and current use of the Subject Property for commercial warehouse/storage purposes is likely to be impacting upon the vapor quality beneath the Subject Property. A review of the EDR database, Sanborn Maps, City Directory, and site reconnaissance identified the following soil vapor encroachment issue at the Subject Property:

- From approximately 1966 to 2004 the Subject Property was used as a machine shop or for manufacturing in association with Ozone Metal Products Company/Ozone Industries. As previously discussed, in Section 5.1.2 and 5.2 of this report, the Ozone Industry Properties identified as 100th Street between 101st and 103rd Avenues (which has included the Subject Property (101-21 101st Street), 101-32 101st Street, 101-57 100th Street, and "several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street)) is a State Hazardous Waste Site (SHWS) under the name Ozone Industries, Site No. 2-41-033. However, a review of the extensive remedial investigations and remedial efforts performed, indicates the Subject Property was not included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry State Hazardous Waste site. Therefore, the historical use of the Subject Property as a machine shop/manufacturing associated with the Ozone Industries property is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.

Additionally, the results of the Vapor Encroachment screening indicate that the historical and current adjacent property usage is unlikely to be impacting upon the vapor quality beneath the Site with the exception of the following:

- According to a review of the City Directories, the adjacent property to the west

- identified as 101-20 101st Street was occupied by a sheet metal manufacturer in 1962 (RMP Industries Inc sheet metal) and was occupied by a drycleaner (Metropolitan Garment Cleaning Inc.) from at least 2000 through 2017. As discussed in Section 5.1.2 of this report, Metropolitan Garment Cleaning, located at 101-20 101st Street, is listed in the RCRA Generators, US AIRS MINOR, AIR, DRY CLEANERS, EDR HIST CLEANER, and NY MANIFEST databases. According to the RCRA Generator database, Metropolitan Garment Cleaning is a Small Quantity Generator (SQG) of Tetrachloroethylene (TCE) and is historically listed as a SQG in 1998, 2006, and 2007. The EDR HIST CLEANER database indicates drycleaners operated at the 101-20 101st Street property from at least 1999 through 2014 under the following names: Sunflower Cleaners (1999-2008), Metropolitan Garment Cleaning (2010-2014), Metropolitan Garment (2013-2014). Additionally, according to a review of Google Maps and Yelp, Metropolitan Garment Cleaning currently operates at the adjacent property to the west. Additionally, according to a review of historical Sanborn Maps, the property was historically occupied by manufacturing operations including those associated with Ozone Metal Products Corp. from at least 1950 through at least 1986 after which the building is identified as being commercial from 1987 through 2006. Based upon the distance (<100 feet), the generation of Tetrachloroethylene, and the continued operation of the drycleaner at the property, the operation of a drycleaner at the adjacent property to the west is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.
- According to a review of the City Directories, the adjacent property to the west identified as 101-32 101st Street was occupied by a sheet metal manufacturer in 1967 (RMP Industries Inc sheet metal) and was occupied by a metal products company/aircraft components manufacturer (Ozone Metal Products Corp., Ozone Aircraft Components Corp, Ozone Industries Inc.) from at least 1962 through 1995. As discussed in Section 5.1.2 of this report, Ozone Industries is listed in the RCRA Generators, NY MANIFEST, US AIRS MINOR, SHWS, VAPOR REOPENED, State Tanks (AST, UST, CBS, CBS UST), State Spills (SPILLS), AND State Leaking Tanks (LTANKS) databases. Tanks at the Ozone Industries Site appear to have contained Trichloroethylene (TCE) and No. 2 Fuel Oil and the tanks are listed as being temporarily out of service, closed and removed, or closed in place. All of the spill cases were closed to the satisfaction of the NYSDEC. The RCRA generators database indicates that Ozone Industries is identified as a verified non-generator, however, Ozone Industries reportedly generated ignitable waste and spent halogenated solvents and is historically listed as a Large Quantity Generator (LQG)

in 1986, 1992, and 1994, as a Small Quantity Generator (SQG) in 1999, and as a verified non-generator in 2006 and 2007. According to the SHWS database, Ozone Industries is listed in the Hazardous Waste Program under Site Code 58595/HW Code 241033 and is classified as a "Significant threat to the public health or environment – action required). As a result of prior environmental investigations, the contaminants of concern at the Former Ozone Industries Site includes Trichloroethene (TCE) and cis-1,2-dichloroethene (cis-1,2-DCE) and "shallow subsurface soil, soil vapor and groundwater are impacted as a result of stored drums of TCE in several bays below the abandoned elevated Long Island Railroad." The database further indicates "the site presents a significant environmental threat due to the potential release of contaminants from source areas into the groundwater." Additionally, according to a review of Sanborn Maps, the property has been occupied by coal sheds (1901), a wood, brick, lime, and cement shed (1911), Rubel Coal & Ice Corporation in 1927 during which time a gasoline tank was depicted on the western portion of the property, and by Ozone Metal Products Corp./Ozone Industries from at least 1950 through 2006 for manufacturing purposes. Based upon the "significant threat" of the Ozone Industries site which includes the Subject Property, the historic operations conducted by Ozone Industries at and in the vicinity of the Subject Property is considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. See Section 11.0 for further details regarding the Phase II ESA.

10.0 CONDITIONS OUTSIDE THE SCOPE OF ASTM PRACTICE E 1527-21

10.1 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.

Touchstone conducted a limited visual screening survey for the presence of ACM at the Subject Property. Touchstone identified friable suspect ACM in the form of textured ceiling and wall surfacing materials, sheetrock/joint compound composite material, and 2'x4' white perforated acoustical ceiling tile, and non-friable suspect ACM in the form of vinyl floor tile and associated mastic, sheet vinyl flooring and associated mastic, various construction mastics and caulking, and roofing materials. These materials were observed to be undamaged and in good condition at the time of the assessment. Please note that this survey was limited to visual observations of accessible areas and did not include the collection and laboratory analysis of bulk samples of undamaged suspect ACM. Additional suspect ACM may be present in inaccessible areas, including but not limited to, roofs, pipe chases behind solid walls and ceilings, concealed floor coverings, the interior of machinery or equipment, or water and sewer systems.

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 buildings would have been thoroughly surveyed and sampled. The possibility exists for ACM to be present in areas of the buildings not accessed or sampled by Touchstone personnel. Based on the limited scope of this assessment, additional suspect ACM may also be present in areas of the buildings that were accessed as part of this assessment.

Due to the continued distribution of a wide variety of asbestos-containing building materials, asbestos may be present in some of the roofing, flooring, wall and ceiling materials, caulking/putties, adhesives, spackling compounds, and insulation materials, as well as other building materials that may be used at the Subject Property. Sampling many of these materials requires techniques that may be destructive to subject facilities, and in

the case of roofing material, may void warranties. It is recommended that an asbestos inspection be performed in accordance with all applicable federal, state, and local regulatory requirements prior to renovation, demolition, or other activities that could cause a material disturbance. Any removal or disturbance of ACM or suspect ACM should be performed by properly trained personnel and in compliance with federal, state, and local regulations.

10.2 Lead Based Paint (LBP)

Use of lead in household paint was banned by the U.S. Environmental Protection Agency (EPA) effective January 1, 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/cm²) or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act. In accordance with the scope of work for this assessment, no testing of the painted surfaces was conducted.

Based upon the non-residential use of the existing buildings and in accordance with the scope of work for this assessment, a lead-based paint (LBP) survey was not conducted at the Subject Property.

10.3 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).

Municipal water service is provided to the Subject Property by the New York City Department of Environmental Protection. Potable water is reportedly obtained from 19 reservoirs and three controlled lakes spread across a nearly 2,000-square-mile watershed. The watershed is located upstate in portions of the Hudson Valley and Catskill Mountains that are as far as 125 miles north of the city. New York City's water supply system is composed of two primary surface water supplies called the Catskill/Delaware and Croton. Based upon review of the 2022 New York City Drinking Water Supply and Quality Report, the municipal water supply meets all current criteria established by the Safe Drinking

Water Act (SDWA) and local municipal drinking water standards, including those for lead. Based upon the existing municipal water service and in accordance with the scope of work for this assessment, Touchstone did not conduct lead-in-drinking water sampling at the Subject Property.

10.4 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 buildings through cracks and openings in the foundation.

The EPA Map of Radon Zones indicates that Queens County is located within a Zone 3 radon area. Zone 3 is defined as an area that has a low potential for radon gas, with a predicted average indoor radon screening level less than 2.0 picoCuries per liter (pCi/L). The EPA recommended Action Level for radon is 4.0 pCi/L.

Based upon the low potential for radon gas and in accordance with the scope of work for this assessment, Touchstone did not conduct a limited short-term radon screening at the Subject Property.

10.5 Emerging Compounds

Per- and Poly-fluoroalkyl Substances, collectively PFAS, are an emerging class of environmental contaminants that have been receiving regulatory attention for the past several years. Based on their unique physical and chemical properties, widespread use in a variety of common consumer products, persistence and mobility in the environment, and toxicity to human health, releases of PFAS compounds to soil and groundwater represent a growing concern for environmental assessment and cleanup. PFAS have been used since the 1940s in many everyday consumer products. It is presumed that almost everyone has been exposed to some level of PFAS and have some residual level of PFAS in their blood stream. On the industrial side, PFAS compounds are used to manufacture plastics, coat paper and cardboard products, insulate wire, as a mist suppressor for electroplating, in photography and film products manufacturing and much more. PFAS compounds are also the primary agents in fire-fighting foams.

The United States Environmental Protection Agency (USEPA) has not yet designated PFAS as a hazardous substance under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA); however, individual states are adopting policies and regulations to address PFAS, including establishing Maximum Contaminant Levels (MCLs) for PFAS in drinking water and developing soil and groundwater standards. PFAS

compounds were evaluated in relation to current and historic uses of the Subject Property and surrounding properties that might be known or suspected to have utilized PFAS in their operations. This report does not include an evaluation of PFAS compounds.

From approximately 1966 to 2004 the Subject Property was used as a machine shop or for manufacturing is associated with Ozone Metal Products Company/Ozone Industries. As previously discussed, in Section 5.1.2 and 5.2 of this report, the Ozone Industry Properties identified as 100th Street between 101st and 103rd Avenues (which has included the Subject Property (101-21 101st Street), 101-32 101st Street, 101-57 100th Street, and "several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street)) is a State Hazardous Waste Site (SHWS) under the name Ozone Industries, Site No. 2-41-033. However, a review of the extensive remedial investigations and remedial action reports performed, indicates the Subject Property was not included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry State Hazardous Waste site. Based upon the use of the Subject Property for manufacturing purposes from at least 1966 through 2004, there is a potential that PFAS compounds were used at the Subject Property. The suspect presence of PFAS at the Subject Property is beyond the scope of work of this Phase I ESA; therefore, the suspect presence of PFAS at the Subject Property is considered to represent a business environmental risk (BER).

11.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT

11.1 Phase II ESA Fieldwork

On June 14 and 15, 2023, Touchstone mobilized to the Subject Property to perform the Phase II Environmental Site Assessment. The main objective of the Phase II portion of this assessment was to determine if the historic use of the Subject Property as a machine shop within Ozone Industries as well as the adjacent use of the surrounding properties as Ozone Industries has impacted upon its environmental quality. The Phase II portion of this assessment consisted of the investigation of soil, soil vapor, sub-slab vapor and indoor air. An existing off-site monitoring well was also sampled.

11.1.1 Drilling Equipment

On June 14, 2023, Touchstone subcontracted Coastal Environmental Solutions, Inc. (Coastal) of Holbrook, New York to provide drilling equipment. The investigation was performed as follows:

- On June 14, 2023, Coastal installed two sub-slab soil vapor probes and two soil vapor probes at the Subject Property using a track mounted Geoprobe. The soil vapor probes were installed to a depth of approximately 10-feet below grade in the Subject Property parking lot. On June 15, 2023, the Touchstone project manager, sampled the soil vapor probes by connecting the Summa Canisters to the seven sampling locations to collect two sub-slab vapor samples (SS-1 and SS-2), two soil vapor samples (SV-1 and SV-2), one outdoor air (OA-1) sample, and two indoor air samples (IA-1 and IA-2). The Summa Canisters were certified clean by the laboratory and calibrated for a two-hour sampling period. See Section 11.1.4 for details of the sub-slab soil vapor and ambient air sampling. See Section 11.2.3 for information regarding the sub-slab soil vapor and ambient air analytical results.
- On June 14, 2023 Coastal used Geoprobe equipment to install a total of five soil probes (designated SP-1 through SP-5) throughout the Subject Property. The soil probes were installed to approximately 12.5 feet below grade. Groundwater was not encountered during the soil probe installation. Touchstone collected a total of five soil samples (SP-1 (2.5-5'), SP-2 (10-11.5'), SP-3 (7.5-10'), SP-4 (10-12.5'), and SP-5 (2.5-5')). See Section 11.1.2 for details regarding the soil sampling. See Section 11.2.1 for information regarding the soil sample analytical results.
- On June 14, 2023 Coastal used low-flow equipment to collect one groundwater sample from an existing monitoring well located on the Subject Property sidewalk along 101st Street (MW-1). Groundwater was encountered at approximately 30-

feet below grade in the location of MW-1. See Section 11.1.3 for details regarding the groundwater sampling. See Section 11.2.2 for information regarding the groundwater sample analytical results.

11.1.2 Soil Sampling

Under the direct supervision of a Touchstone project geologist, five soil probes (designated SP-1 through SP-5) were installed to 12.5-feet below grade with a track mounted Geoprobe on June 14, 2023. Soil probe SP-1 was installed in the northern-central portion of the Subject Property building, soil probe SP-2 was installed in the eastern central portion of the Subject Property building, soil probe SP-3 was installed in the western-central portion of the Subject Property building, soil probe SP-4 was installed in the southeastern portion of the Subject Property parking lot, and soil probe SP-5 was installed in the northeastern portion of the Subject Property parking lot. **Figure 3** depicts soil probe sampling locations.

The geologist screened the soil samples at 2.5-foot intervals using photoionization detection (PID). The soil probes were installed until refusal was encountered at a depth of 10-feet below grade in the location of SP-1 and 12.5-feet below grade in the locations of SP-2 through SP-5. Groundwater was not encountered during the soil probe installation.

The geologist also classified the soil and determined if it had any visual or olfactory evidence of fill material and/or a petroleum release. The soil mainly consisted of medium grained brown sand and urban fill material. Additionally, ash coal was identified from 0 to 5 feet below grade in the location of SP-5. No elevated levels of organic vapors or olfactory evidence of a petroleum release were detected in any of the soil probes. Soil probe logs are provided in **Appendix H** of this report.

Based upon the field screening, a total of five soil samples (SP-1 (2.5-5'), SP-2 (10-11.5'), SP-3 (7.5-10'), SP-4 (10-12.5'), and SP-5 (2.5-5')), were transported to a NYS certified laboratory and were analyzed for Volatile Organic Compounds (VOCs) via EPA Method 8260, Semi Volatile Organic Compounds (SVOCs) via EPA Method 8270BN, and TAL Metals via EPA Method 6010. **Appendix H** provides the analytical data.

11.1.3 Groundwater Sampling

One groundwater sample (MW-1) was collected from an existing monitoring well located on the Subject Property sidewalk along 101st Street on June 14, 2023. The groundwater sample was collected using low-flow equipment. Groundwater was encountered at approximately 30-feet below grade. See **Figure 2** for groundwater probe locations.

The groundwater sample was collected using low flow techniques. The groundwater

sample (MW-1) was transported to a NYS certified laboratory and was analyzed for VOCs via EPA Method 8260 and SVOCs via EPA Method 8270BN. A copy of the data is included in **Appendix H**.

11.1.4 Sub-Slab Soil Vapor and Ambient Air Sampling

A total of two sub-slab soil vapor implants (designated SS-1 and SS-2) and two soil vapor implants (designated SV-1 and SV-2) were installed during the investigation with a track mounted Geoprobe on June 14, 2023. Sub-slab soil vapor probe SS-1 was installed directly beneath the slab in the northern-central portion of the property and sub-slab soil vapor probe SS-2 was installed beneath the slab in the eastern-central portion of the building. Soil vapor sample SV-1 was installed in the southwestern portion of the parking lot and soil vapor sample SV-2 was installed in the northeastern portion of the parking lot. The soil vapor probes were installed at a depth of approximately 10-feet below grade. The sub-slab probes and soil vapor probes consist of a 5-inch long $\frac{1}{4}$ inch slotted soil gas implant connected to dedicated polyethylene tubing. Bentonite was used to seal the annular space on top of each well point. **Figure 2** provides the location of the sub-slab vapor probes.

Following installation, leak tests were performed via helium tracer gas to evaluate the sub-slab vapor wells for leaks. An Ion Gas Check B4 Portable Leak Detector, calibrated and zeroed in the ambient atmosphere of the basement, was used for the leak tests. The results of the leak tests were satisfactory, indicating that any samples obtained would be indicative of sub-slab conditions. Following the leak tests, a 24-hour stabilization period was allowed to pass, per the NYSDOH Guidance Document, prior to collection of any samples.

On June 15, 2023, the Touchstone project manager, sampled the soil vapor probes and ambient air by connecting the Summa Canisters to the two sub-slab vapor sampling locations, two soil vapor locations, and ambient air locations to collect two sub-slab vapor samples (SS-1 and SS-2), two soil vapor samples (SV-1 and SV-2), and collected one outdoor air (OA-1) sample and two indoor air (IA-1 and IA-2) samples. The Summa Canisters were certified clean by the laboratory and calibrated for a two-hour sampling period. Outdoor air sample (OA-1) was collected from the southwestern portion of the Subject Property. Indoor air sample (IA-1) was collected from within the western portion of the first floor of the Subject Property building and indoor air sample (IA-2) was collected from within the central portion of the first floor of the Subject Property building.

The vapor samples were collected in accordance with the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH October 2006). Flow rates of both purging and sampling did not exceed 0.2 L/min. A sample log sheet summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers,

sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols was prepared and is provided on the chain of custody.

As part of the vapor intrusion evaluation, a tracer gas was used in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) device to verify the integrity of the soil vapor probe seal. Helium was used as the tracer gas and a box served to keep it in contact with the probe during testing. A portable monitoring device was used to analyze a sample of soil vapor for the tracer prior to sampling. The tracer gas was not detected during the integrity test and the seal was deemed competent, thus allowing sampling to commence. An additional integrity test was conducted at the conclusion of the sampling, which determined the seal was still competent.

A total of seven Summa Canisters (two sub-slab vapor samples, two soil vapor samples, one outdoor air sample, and two indoor air samples) were transferred to a certified laboratory and analyzed for VOCs via EPA Method TO-15. **Appendix H** provides the analytical data.

11.1.5 Decontamination Procedures and Quality Assurance/Quality Control

Each piece of sampling or other down hole equipment was decontaminated prior to each use in order to ensure that cross-contamination between sampling locations did not occur. The following procedure was utilized in the decontamination process:

- Wipe clean and wash with Alconox®
- Potable water rinse
- Methanol rinse
- Deionized water rinse
- Air dry

All decontamination procedures were performed in an area segregated from any sampling areas. Any rinsate from the decontamination area was contained and removed from the Site.

All samples were properly handled and placed into the appropriately labeled containers. The samples were placed in a cooler filled with ice and maintained at a maximum of 4 degrees Celsius. All samples were transmitted under proper chain of custody procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses. All holding times were met. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control.

11.2 Analytical Results

11.2.1 Soil Sample Analytical Results

A total of five soil samples (SP-1 (2.5-5'), SP-2 (10-11.5'), SP-3 (7.5-10'), SP-4 (10-12.5'), and SP-5 (2.5-5')) were collected and submitted to the laboratory for analysis. The five soil samples were analyzed for Volatile Organic Compounds (VOCs) via EPA Method 8260, Semi Volatile Organic Compounds (SVOCs) via EPA Method 8270, and TAL Metals via EPA Method 6010.

Table 1A provides a summary of the VOC analytical results, **Table 1B** provides a summary of the SVOC analytical results, and **Table 1C** provides a summary of the Metal compound analytical results. **Tables 1A, 1B,** and **1C** provide comparisons to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Commercial Restricted Use Soil Cleanup Objectives (CRUSCOs). The results in **Tables 1A** and **1B** are provided in micrograms per kilogram (ug/Kg) and the results in **Table 1C** are provided in milligrams per kilogram (mg/Kg). **Figure 3** highlights the compounds detected at concentrations exceeding their respective UUSCOs and CRUSCOs in the soil samples.

As **Table 1A** indicates, the VOC Trichloroethene (TCE) was detected in the 2.5-to-5-foot soil samples collected from soil probes SP-1 (650 ug/kg) and SP-5 (5,800 ug/kg) at concentrations exceeding the UUSCO Standard. No other compounds were detected in any soil samples at concentrations exceeding their respective UUSCO Standards. No VOCs were detected in any soil samples at concentrations exceeding their CRUSCOs.

One compound, cis-1,2-Dichloroethene (cis-1,2-DCE) was detected in the 2.5-to-5-foot sample from SP-5 (9.5) at a concentration greater than its Reporting Limit (RL) but less than its UUSCO Standard. No other compounds were detected in any of the soil samples at concentrations greater than their respective RLs.

As **Table 1B** indicates, the following polyaromatic hydrocarbon (PAH) compounds were detected in SP-5 (2.5'-5') at concentrations greater than their respective RLs but less than their respective UUSCO Standards: Benzo(a)anthracene (700 ug/kg), Benzo(a)pyrene (700 ug/kg), Benzo(b)fluoranthene (830 ug/kg), Benzo(g,h,i)perylene (430 ug/kg), Benzo(k)fluoranthene (290 ug/kg), Chrysene (740 ug/kg), Fluoranthene (1,400 ug/kg), Indeno(1,2,3-cd)pyrene (1,200 ug/kg), Phenanthrene (970 ug/kg), and Pyrene (1,400 ug/kg). No compounds were detected in the soil samples collected from SP-1 through SP-4 at concentrations greater than their respective RLs or UUSCOs. No SVOCs were detected in any soil samples at concentrations exceeding their CRUSCOs.

As **Table 1C** indicates, the metals Copper (137 mg/kg), Lead (471 mg/kg), Mercury (0.23

mg/kg), and Zinc (267 mg/kg) were detected in soil sample SP-1 (2.5-5') at concentrations exceeding their respective UUSCOs. Additionally, the compounds Lead (505 mg/kg) and Zinc (223 mg/kg) were detected in soil sample SP-5 (2.5-5') at concentrations exceeding their respective UUSCOs. No compounds were detected in soil samples SP-2, SP-3, or SP-4 at concentrations exceeding their respective UUSCOs. No Metals were detected in any soil samples at concentrations exceeding their CRUSCOs.

The compounds Aluminum (max of 10,200 mg/kg in SP-5), Arsenic (max of 5.17 mg/kg in SP-1), Barium (max of 197 mg/kg in SP-5), Cadmium (max of 1.81 mg/kg in SP-1), Calcium (max of 13,600 mg/kg in SP-1), Chromium (max of 20.9 mg/kg in SP-5), Cobalt (max of 6.07 mg/kg in SP-5), Iron (max of 23,600 mg/kg in SP-4), Magnesium (max of 1,700 mg/kg in SP-1), Manganese (max of 625 in SP-1), Nickel (max of 15.9 mg/kg in SP-1), Potassium (max of 651 in SP-5), Sodium (max of 174 in SP-5), and Vanadium (max of 29.1 mg/kg in SP-5) were detected in all five soil samples at concentrations greater than their respective RLs but less than their respective UUSCOs. The compound Beryllium was detected in soil samples SP-1 (0.35 mg/kg), SP-4 (0.26 mg/kg), and SP-5 (0.52 mg/kg) at concentrations greater than their respective RLs but less than their respective UUSCOs. The compound Copper was detected in soil samples SP-2 (6.4 mg/kg), SP-3 (8.2 mg/kg), SP-4 (9.9 mg/kg), and SP-5 (35.1 mg/kg) at concentrations greater than their respective RLs but less than their respective UUSCOs. The compound Mercury was detected in SP-5 (0.09 mg/kg) at a concentration greater than its RL but less than its UUSCO. The compounds Lead and Zinc were detected in soil samples SP-2, (Lead: 2.91 mg/kg, Zinc: 11.6 mg/kg), SP-3 (Lead: 2.52 mg/kg, Zinc: 3.52 mg/kg), and SP-4 (Lead: 3.52 mg/kg, Zinc: 18.6 mg/kg) at concentrations greater than their respective RLs but less than their respective UUSCOs.

11.2.2 Groundwater Sample Analytical Results

A total of one groundwater sample (MW-1) was submitted for analysis. **Table 2A** provides a summary of the VOC analytical results and **Table 2B** provides a summary of the SVOC analytical results. **Tables 2A** and **2B** provide a comparison to the NYSDEC Technical and Operational Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards and Guidance Values (AWQSGV) Standards.

The results in **Tables 2A** and **2B** are provided in micrograms per liter (ug/L). **Figure 4** highlights the compounds detected at concentrations exceeding their respective NYSDEC TOGS 1.1.1 AWQSGV Standards in the groundwater samples.

As indicated in **Table 2A**, the compounds Tetrachloroethene (5.5 ug/L) and Trichloroethene (5.7 ug/L) were detected in MW-1 at concentrations exceeding their respective NYSDEC TOGs Standards. Additionally, the compound, Chloroform (2.5 ug/L)

was detected in MW-1 at a concentration greater than its Reporting Limit (RL) but less than its NYSDEC TOGs Standard.

As indicated in **Table 2B**, no SVOCs were detected in groundwater sample MW-1 at concentrations greater than their respective RLs or NYSDEC TOGs Standards.

11.2.3 Sub-Slab Soil Vapor and Ambient Air Sample Analytical Results

A total of two sub-slab vapor samples, two soil vapor samples, two indoor air samples, and one outdoor air sample were collected.

In May 2017, the New York State Department of Health (NYSDOH) identified 8 Action VOCs (Carbon Tetrachloride, 1,1-Dichloroethene, cis-1,2-Dichloroethylene, Trichloroethene, Methylene chloride, Tetrachloroethylene (PCE), 1,1,1-Trichloroethane and Vinyl Chloride), which require action within the NYSDOH Soil Vapor Intrusion (SVI) Decision Matrices. The SVI matrices use both the sub-slab concentrations and indoor air concentrations to determine the appropriate course of action for the levels detected. The course of action can be either, "no further action", identify source(s) and resample" or "mitigate". **Appendix I** provides a copy of the New York State Department of Health (NYSDOH) Soil Vapor Indoor Air Decision Matrices.

Table 3 provides a summary of the VOCs detected in the sub-slab vapor samples, soil vapor samples, indoor air samples, and outdoor air sample. **Table 3** also highlights the eight NYSDOH Action VOCs. The indoor air samples and soil vapor samples were compared to their appropriate NYSDOH decision matrices. The results in **Tables 3** are in micrograms per cubic meters (ug/m³). **Figure 5** highlights the compounds detected at concentrations exceeding their respective Reporting Limits (RLs) as well as the eight Action Compounds listed in the NYSDOH Soil Vapor Indoor Air Decision Matrices in the soil vapor and ambient air samples.

The compound 1,1,1-Trichloroethane, was not detected in any of the ambient air samples (IA-1, IA-2, or OA-1) or in sub-slab vapor sample SS-1. The compound 1,1,1-Trichloroethane was detected in sub-slab vapor sample SS-2 (51.8 ug/m³) and in soil vapor samples SV-1 (26.2 ug/m³) and SV-2 (62.2 ug/m³). Based upon the levels detected and the SVI Decision Matrix B, no further action is required for 1,1,1-Trichloroethane.

The compound, Carbon Tetrachloride, was not detected in any of the soil vapor samples (SS-1, SS-2, SV-1, and SV-2). The compound Carbon Tetrachloride was detected in all ambient air samples (IA-1 (0.4 ug/m³), IA-2 (0.42 ug/m³), and OA-1 (0.42 ug/m³)). Based upon the levels detected and the SVI Decision Matrix A, no further action is required for Carbon Tetrachloride.

The compound, cis-1,2-Dichloroethene, was detected in all soil vapor samples (SS-1: 7.89 ug/m³, SS-2: 507 ug/m³, SV-1: 99.1 ug/m³, and SV-2: 21.3 ug/m³) and ambient air sample (IA-1 (0.23 ug/m³). The compound cis-1,2-Dichloroethene was not detected in ambient air samples IA-2 and OA-1. Based upon the levels detected and the SVI Decision Matrix A, **mitigation** is required for cis-1,2-Dichloroethene.

The compound, Tetrachloroethene (PCE), was detected in all soil vapor samples (SS-1: 4,340 ug/m³, SS-2: 1,000 ug/m³, SV-1: 854 ug/m³, and SV-2: 85.4 ug/m³) and all ambient air samples (IA-1: 13.1 ug/m³, IA-2: 15.3 ug/m³, and OA-1: 12.6 ug/m³). Based upon the levels detected and the SVI Decision Matrix B, **mitigation** is required for PCE.

The compound, Trichloroethene (TCE), was detected in all soil vapor samples (SS-1: 2,510ug/m³, SS-2: 49,000 ug/m³, SV-1: 6,340 ug/m³, and SV-2: 11,400 ug/m³) and in both of the indoor air samples (IA-1: 2.13 ug/m³ and IA-2: 4.16 ug/m³). The compound TCE was not detected in outdoor air sample OA-1. Based upon the levels detected and the SVI Decision Matrix A, **mitigation** is required for TCE.

The compounds, 1,1-Dichloroethene, Methylene Chloride, and Vinyl Chloride were not detected in any of the soil vapor samples (SS-1, SS-2, SV-1, and SV-2) or ambient air samples (OA-1, IA-1, and IA-2). Based upon the concentrations detected no further work is required for the compounds 1,1-Dichloroethene, Methylene Chloride, or Vinyl Chloride.

Petroleum compounds were additionally identified in the soil vapor and ambient air samples at predominantly low to moderate concentrations with the exception of the compound Acetone which was detected at elevated concentrations in the soil vapor (SV-1: 110 ug/m³ and SV-2: 141 ug/m³) and at low to moderate concentrations in the sub-slab vapor samples (SS-1: 24.5 ug/m³ and SS: 24.9 ug/m³) and in the ambient air samples (IA-1: 20.2 ug/m³, IA-2: 53.2 ug/m³, and OA-1: 8.38 ug/m³). Acetone is a common laboratory contaminant. Additionally, the compound Bromodichloromethane (326 ug/m³) which was detected at an elevated concentration in sub-slab vapor sample SS-2 only.

The petroleum compound Ethanol was detected at low concentrations in all soil vapor samples (SS-1, SS-2, SV-1, and SV-2) and all ambient air samples (IA-1, IA-2, and OA-1). The compound 1,2,4-Trimethylbenzene was detected at low concentrations in soil vapor samples SV-1 and SV-2 and in indoor air sample IA-2 only. The compound Dichlorofluoromethane was detected at low concentrations in sub-slab vapor sample SS-2 and in all ambient air samples(IA-1, IA-2, and OA-1). The compound Isopropyl alcohol was detected at low concentrations in the soil vapor samples (SS-1 and SS-2) and in all ambient air samples (IA-1, IA-2, and OA-1). The compound Methyl Ethyl-Ketone was detected at low concentrations in soil vapor sample SV-1, both sub-slab vapor samples (SS-1 and SS-2), and in both indoor air samples (IA-1 and IA-2). The compound Toluene

was detected at low concentrations in both soil vapor samples (SV-1 and SV-2) and in all ambient air samples (IA-1, IA-2, and OA-1). The compound Chloroform was detected at low concentrations in all soil vapor samples (SS-1, SS-2, SV-1, and SV-2). The compounds 2-Hexanone (MBK) and Benzene were detected at low concentrations in sub-slab vapor samples SS-1 and SS-2. The compound Propylene was detected at low concentrations in soil vapor sample SS-1 and in both sub-slab vapor samples (SS-1 and SS-2). The compound trans-1,2-Dichloroethene was detected at low concentrations in soil vapor sample SC-1 and in sub-slab vapor sample SS-2. The compounds 1,4-Dichlorobenzene and m, p-Xylene were detected at low concentrations in indoor air samples IA-1 and IA-2. The compound chloromethane was detected at low concentrations in ambient air samples OA-1 and IA-2. The compounds Ethyl acetate, Ethylbenzene, o-Xylene, and Styrene were detected at low concentrations in indoor air sample IA-2. The compound Trichlorofluoromethane was detected at low concentrations in all ambient air samples (OA-1, IA-1, and IA-2). These compounds are not regulated by the NYSDOH.

12.0 DISCUSSION OF RESULTS

This Comprehensive Site Assessment included the performance of a Phase I ESA and Phase II ESA in accordance with ASTM Practice E 1527-21. The Phase I ESA portion identified the following Recognized Environmental Conditions (RECs):

- The presence of a suspect heating oil underground storage tank (UST) at the Subject Property. During the site reconnaissance, Touchstone identified the presence of a suspect fill port and suspect vent pipe along the sidewalk of 101st Street. The Subject Property owner, Mr. James Rueda, indicated he was not familiar with the presence of a UST at the Subject Property. Oil boilers are not present at the property. However, based upon the presence of a suspect vent pipe and fill port on the sidewalk of 101st Street a heating oil UST may be present at the Subject Property. The suspect presence of a UST is considered to represent a Recognized Environmental Condition (REC).
- The presence of a suspect leaking hydraulic oil freight elevator. A spill tray and oil-soaked absorbent pads were identified beneath the elevator machinery indicating oil has/had leaked from the equipment. Based upon the identification of a spill tray and oil pads beneath the elevator piping and equipment, the suspect leaking of hydraulic oil from the hydraulic elevator is considered to represent a Recognized Environmental Condition (REC).
- During site reconnaissance, interior floor drains were observed in the Subject Property basement. No odors, staining or releases were observed associated with the interior floor drains. While the Subject Property is connected to the municipal sewer system, there is still the potential that the floor drains could have been impacted during the use of the Subject Property buildings as machine shops associated with the former owner, Ozone Industries. Based upon the historical use of the Subject Property as Ozone Industries' machine shops, the presence of interior floor drains at the Subject Property basement is considered to represent a Recognized Environmental Condition (REC).
- Touchstone identified the presence of multiple monitoring wells in the Subject Property sidewalk along 101st Street and one monitoring well in the Subject Property parking lot. Touchstone was unable to confirm the purpose of the monitoring wells; however, they are most likely associated with the Ozone Industries State Hazardous Waste Site, ID 2-41-033. The presence of monitoring wells along the Subject Property boundaries was considered to represent a recognized environmental condition (REC) and was further investigated during the

Phase II portion of this assessment.

- According to a review of historical City Directories and Sanborn Maps, from approximately 1966 to 2004 the Subject Property was used as a machine shop or for manufacturing in association with Ozone Metal Products Company/Ozone Industries. The Ozone Industry Properties identified as 100th Street between 101st and 103rd Avenues (which has included the Subject Property (101-21 101st Street), 101-32 101st Street, 101-57 100th Street, and "several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street)) is a State Hazardous Waste Site (SHWS) under the name Ozone Industries, Site No. 2-41-033. However, a review of the extensive remedial investigations and remedial efforts performed indicates the Subject Property was not directly included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry SHWS. Therefore, the historical use of the Subject Property as a machine shop/manufacturing associated with the Ozone Industries property was considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and was further investigated during the Phase II ESA portion of this assessment. The Phase II portion of the assessment included the collection of soil, soil/sub-slab vapor, ambient air, and groundwater samples which determined that the historic use of the Subject Property and adjacent properties have impacted upon the environmental quality of the Subject Property (See Phase II Summary below for further details of the Phase II ESA results).
- The adjacent properties to the west, 101-32 and 101-20 101st Street, are listed in several environmental databases related to the historic uses of the properties as a dry cleaner (101-20 101st Street) and manufacturer (Ozone Industries, 101-32 101st Street) including the presence of chemical and petroleum tanks, multiple NYSDEC spills cases and the Ozone Industries State Hazardous Waste Site (SHWS) Site No. 2-41-0333. These adjacent Sites are considered to represent a Recognized Environmental Condition (REC) and a Potential Vapor Encroachment Condition (PVEC) and were further investigated during the Phase II ESA portion of this assessment.
- The Subject Property is associated with three former underground storage tanks (USTs); one closed in place 1,080-gallon UST containing trichloroethylene (TCE), one closed in place 2,500-gallon No. 4 fuel oil UST, and one removed, 2,500-gallon No. 4 fuel oil UST. These USTs were closed without proper documentation. The 1,080-gallon TCE UST appears to be associated with a closed NYSDEC spill case. During a prior Phase II ESA conducted on the Subject Property by Vertex, soil

probes, groundwater probes, vapor probes and indoor air sampling was conducted around the former USTs. While no impacts were identified in the soil samples installed around the USTs at concentrations exceeding regulatory standards, elevated levels of chlorinated volatile organic compounds (CVOCs) were identified in the groundwater and soil vapor near the USTs. Vortex concluded that the highest concentration of TCE in the sub-slab gas samples were detected in the vicinity of the TCE UST and downgradient of the TCE UST. Additionally, the greatest concentration of CVOCs in the groundwater were detected in the vicinity of the abandoned TCE UST and downgradient of the UST. Touchstone was not made aware of these USTs prior to the performance of the Phase II ESA. The presence of abandoned in place USTs at the Subject Property including the TCE UST is considered a Recognized Environmental Condition (REC).

Additionally, the following considerations outside the scope of the ASTM Practice E 1527-21 were identified:

- Touchstone conducted a limited visual screening survey for the presence of asbestos-containing materials (ACM) at the Subject Property. Touchstone identified friable suspect ACM in the form of textured ceiling and wall surfacing materials, sheetrock/joint compound composite material, and 2'x4' white perforated acoustical ceiling tile, and non-friable suspect ACM in the form of vinyl floor tile and associated mastic, sheet vinyl flooring and associated mastic, various construction mastics and caulking, and roofing materials. These materials were observed to be undamaged and in good condition at the time of assessment. Please note that this survey was limited to visual observations of accessible areas and that the scope of work for this assessment did not include the collection and laboratory analysis of bulk samples of suspect ACM. Additional suspect ACM may be present in inaccessible areas, including, but not limited to, roofs, pipe chases behind solid walls and ceilings, concealed floor coverings, the interior of machinery or equipment, or water and sewer systems. Based on the condition of suspect ACM, these materials do not currently pose a significant environmental threat to the occupants of the Subject Property. Suspect ACM do not present a problem when maintained in good condition. However, additional sampling, removal, and disposal arrangements may be necessary should building construction or renovation activities be conducted. Asbestos is a consideration outside the scope of ASTM E 1527-21 and is not considered a recognized environmental condition (REC).
- Touchstone identified the presence of water and staining/discoloration on the Subject Property ceiling indicating the potential presence of leaking and/or mold

- in these areas. Based upon the current conditions and maintenance of the Subject Property, the presence of water and staining/discoloration on the Subject Property ceiling is considered unlikely to impact upon the environmental quality of the Subject Property. Mold is a consideration outside the scope of ASTM E 1527-21 and is not considered to represent a recognized environmental condition (REC).
- From approximately 1966 to 2004 the Subject Property was used as a machine shop or for manufacturing is associated with Ozone Metal Products Company/Ozone Industries. As previously discussed, in Section 5.1.2 and 5.2 of this report, the Ozone Industry Properties identified as 100th Street between 101st and 103rd Avenues (which has included the Subject Property (101-21 101st Street), 101-32 101st Street, 101-57 100th Street, and "several bays beneath the elevated LIRR (as a storage area) across the street west of 101-32 101st Street)) is a State Hazardous Waste Site (SHWS) under the name Ozone Industries, Site No. 2-41-033. However, a review of the extensive remedial investigations and remedial action reports performed, indicates the Subject Property was not included in the scope of the investigations or remediation required by the NYSDEC for the Ozone Industry State Hazardous Waste site. Based upon the use of the Subject Property for manufacturing purposes from at least 1966 through 2004, there is a potential that PFAS compounds were used at the Subject Property. The suspect presence of PFAS at the Subject Property is beyond the scope of work of this Phase I ESA; therefore, the suspect presence of PFAS at the Subject Property is considered to represent a business environmental risk (BER).

Phase II ESA Summary

The main objective of the Phase II portion of this assessment was to determine if the historic use of the Subject Property as a machine shop within Ozone Industries (SHWS Site No. 2-41-033) as well as the adjacent use of the surrounding properties as Ozone Industries has impacted upon its environmental quality. The Phase II portion of this assessment consisted of the investigation of soil, soil vapor, sub-slab vapor and indoor air. An existing off-site monitoring well was also sampled.

The results of the Phase II ESA indicate the remediation of State Hazardous Waste Site (SHWS) Ozone Industries, Site No. 2-41-033 is incomplete. There are significant levels of chlorinated volatile organic compounds (CVOCs) present in the soil, groundwater, soil vapor and indoor at the Subject Property, located at 101-21 101st Street. This property is a component of the State Hazardous Waste Site, Site No. 2-41-033.

Levels of trichloroethylene (TCE) exceeding the Unrestricted Use Soil Cleanup Objective

(UUSCO) were identified in the shallow soil (2.5 to 5 feet) in the northern and southern portions of the subject property as evidenced by the result of SP-1 (650 micrograms per kilogram ($\mu\text{g}/\text{kg}$)) and SP-5 (5,800 $\mu\text{g}/\text{kg}$). The UUSCO for TCE is 470 $\mu\text{g}/\text{kg}$. The concentrations of TCE identified in the soil do not exceed the Commercial Use Soil Cleanup Objective for TCE of 200,000 $\mu\text{g}/\text{kg}$. **Tables 1A, 1B** and **1C** further provide the soil analytical results.

Groundwater beneath the Subject Property was not collected during this investigation. However, a monitoring well located beneath the sidewalk of 101st Street along the western property boundary was sampled and the results indicate levels of Tetrachloroethylene (PCE) and TCE are present at concentrations slightly exceeding the NYSDEC Technical Operations Guidance Series (TOGS) Ambient Water Quality Standards and Guidance Values (AWQS GV). PCE was detected at a concentration of 5.5 $\mu\text{g}/\text{L}$ and TCE was detected at a concentration of 5.7 $\mu\text{g}/\text{L}$. The groundwater quality standard for PCE and TCE is 5.0 $\mu\text{g}/\text{L}$. The groundwater contamination is most likely associated with the historic use of the Subject Property and surrounding properties as Ozone Industries SHWS Site No. 2-41-033. Groundwater analytical results are provided in **Tables 2A** and **2B**.

Additionally, it should be noted that groundwater beneath the Subject Property was previously investigated by Vertex in May 2022. The results of their investigation indicate levels of TCE and PCE are present in the groundwater beneath the site at concentrations slightly exceeding the NY-TOGS GA. The concentrations of PCE detected range from 7.2 $\mu\text{g}/\text{L}$ to 7.7 $\mu\text{g}/\text{L}$ and the concentrations of TCE range from 7.5 $\mu\text{g}/\text{L}$ to 22 $\mu\text{g}/\text{L}$.

The results of the soil vapor intrusion survey indicated that the Subject Property is being impacted by the historic use of the site and/or surrounding properties as Ozone Industries (SHWS Site No. 2-41-033). This is evidenced by the elevated levels of cis-1,2-Dichloroethene, TCE and PCE in the soil vapor, sub-slab vapor and indoor air. Specifically, cis-1,2-Dichloroethene was detected at concentrations ranging from 99.1 $\mu\text{g}/\text{m}^3$ SV-1 to 507 $\mu\text{g}/\text{m}^3$ in SS-2. The compound Trichloroethene (TCE) was detected at concentrations ranging from 2,510 $\mu\text{g}/\text{m}^3$ in SS-1 to 49,000 $\mu\text{g}/\text{m}^3$ in SS-2 and Tetrachloroethylene (PCE) was detected at concentrations ranging from 85.4 $\mu\text{g}/\text{m}^3$ in SV-2 to 49,000 $\mu\text{g}/\text{m}^3$ in SS-2.

Furthermore, these compounds appear to be intruding into the indoor air, as elevated levels of cis-1,2-Dichloroethene, TCE and PCE have been detected in the indoor air samples. Based upon these results and in accordance with the New York State Department of Health Decision (NYSDOH) Soil Vapor Intrusion (SVI) Matrices, mitigation is required to address the elevated levels of chlorinated solvents in the sub-slab, soil vapor and indoor air. Additionally, unregulated petroleum compounds were detected in the soil vapor and ambient air samples. **Appendix I** provides the laboratory analytical results. **Appendix J**

provides the NYSDOH SVI Decision Matrices. Soil vapor and ambient air analytical results are provided in **Table 3**.

13.0 RECOMMENDATIONS

Based upon the results of this investigation, Touchstone recommends the following:

- The NYSDEC and Ozone Industries should be notified that the remediation of State Hazardous Waste Site (SHWS) Ozone Industries, Site No. 2-41-033 is incomplete. There are still significant levels of chlorinated volatile organic compounds (CVOCs) present in the soil, groundwater, soil vapor and indoor air at the Subject Property, located at 101-21 101st Street. Additionally, the TCE UST, the trench drains and the floor drains previously used by Ozone Industries remain at the Subject Property. This property is a component of the State Hazardous Waste Site, Site No. 2-41-033.
- Touchstone recommends the development and implementation of an Asbestos Operations and Maintenance (O&M) Plan for the Subject Property. This O&M Plan provides the procedures and guidelines that, when used during facility cleaning, maintenance, and general operations, will minimize human exposure to asbestos fibers and minimize release of asbestos fibers to the environment. This O&M Plan is a long-term management approach. Touchstone additionally recommends that a comprehensive asbestos inspection be conducted prior to significant renovation or demolition of the building.

14.0 CREDENTIALS & DECLARATION

14.1 Credentials

In accordance with ASTM E 1527-21, the credentials of those personnel directly involved with the production of this Phase I are provided with this report. **Appendix K** provides a copy of the personnel credentials.

14.2 Environmental Professional Declaration

We declare that to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in 40 CFR Part 312.21(d). 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. Only where indicated we have developed and performed the AAls in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

15.0 REFERENCES

1. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-13, American Society for Testing and Materials, West Conshohocken, PA.
2. Principals of Groundwater Engineering, William C. Walton, Lewis Publishers, Inc., 1991.
3. *EDR Environmental Data Resources, 101-21 101st Street, Ozone Park, NY 11416, Inquiry Number 7351608.5, May 31, 2023, The EDR – City Directory Abstract, Shelton, Connecticut.*
4. *EDR Environmental Data Resources, 101-21 101st Street, Ozone Park, NY 11416, Inquiry Number 7351608.2s, May 31, 2023, The EDR – Radius Map, Shelton, Connecticut.*
5. *EDR Environmental Data Resources, 101-21 101st Street, Ozone Park, NY 11416, Inquiry Number 7351608.3, May 31, 2023, The EDR – Sanborn Fire Insurance Maps, Shelton, Connecticut.*
6. NYSDEC Info Locator Site 241033: <https://www.dec.ny.gov/data/DecDocs/241033/>
7. *Groundwater Monitoring Opinion, Vapor Intrusion Assessment Plan, & Remedial Systems Rebound Testing, Former Ozone Industries, Inc. Site (Site No. 2-41-033), Ozone Park, Queens, NY, prepared by AECOM, dated April 17, 2017*
8. *Interim Site Management Plan, Former Ozone Industries, Inc., Ozone Park, Queens, NY (NYSDEC Site Number 2-41-033), prepared by AECOM (AECOM), dated July 2016*
9. *Proposed Remedial Action Plan (RAP), Ozone Industries, Ozone Park, Queens County, NY (NYSDEC Site #241033), prepared by New York State Department of Environmental Conservation (NYSDEC) Division of Remediation (DER), dated November 2009*
10. *Remedial Design / Remedial Action Work Plan (RD/RAWP), Former Ozone Industries, Inc. Site Queens County, NY (NYSDEC Site #2-41-033), Order on Consent Index #W2-0922-02-05(with Endzone Inc.), prepared by AECOM Environment (AECOM), dated November 2011*
11. *Revised Remedial Investigation and Feasibility Study Work Plan (RI/FS), Former Ozone Industries, Inc. Site (NYSDEC Site #2-41-033), prepared by ENSR Corporation (ENSR), dated May 14, 2004*

12. *Site Briefing Report, Ozone Industries, 100th St. Between 101st and 103rd Avenues, Ozone Park, New York (Site Code 241033), prepared by New York State Department of Environmental Conservation (NYSDEC) Division of Remediation (DER), dated January 14, 2014*

13. *Work Plan - Groundwater Monitoring and Soil Gas Assessment, Former Ozone Industries, Inc. Site (Site No. 2-41-033), Ozone Park, Queens, NY, prepared by AECOM, dated November 27, 2018*

16.0 EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

In preparing this report, **Touchstone Environmental Geology, PC**, may have relied on certain information provided by state and local officials and other parties referenced therein, and on information contained in the files of state and/or local agencies available to **Touchstone Environmental Geology, PC**, at the time of the subject property assessment. Although there may have been some degree of overlap in the information provided by these various sources, **Touchstone Environmental Geology, PC**, did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this subject property assessment.

Observations were made of the subject property and of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Touchstone Environmental Geology, PC**, renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a nonhazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Touchstone Environmental Geology, PC**, renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

Touchstone Environmental Geology, PC, did not perform testing or analyses to determine the presence or concentration of asbestos at the subject property or in the environment of the subject property under the scope of the services performed.

The conclusions and recommendations contained in this report are based in part, where noted, upon the data obtained from a limited number of soil samples obtained from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

Any water level reading made in test pits, borings, and/or observation wells were made at the times and under the conditions stated in the report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall and other

factors different from those prevailing at the time measurements were made.

Except as noted within the text of the report, no qualitative laboratory testing was performed as part of the subject property assessment. Where such analyses have been conducted by an outside laboratory, **Touchstone Environmental Geology, PC**, has relied upon the data provided, and has not conducted an independent evaluation of the reliability of the data.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Chemical analyses have been performed for specific constituents during the course of this subject property assessment, as described in the text. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or groundwater at the subject property.

This report was prepared solely for the use of the Client/User and is not intended for use by third parties. Unauthorized third parties shall indemnify and hold **Touchstone Environmental Geology, PC**, P.G. harmless against any liability for any loss arising out of, or related to, reliance by any third party on any work performed hereunder, or the contents of this report.

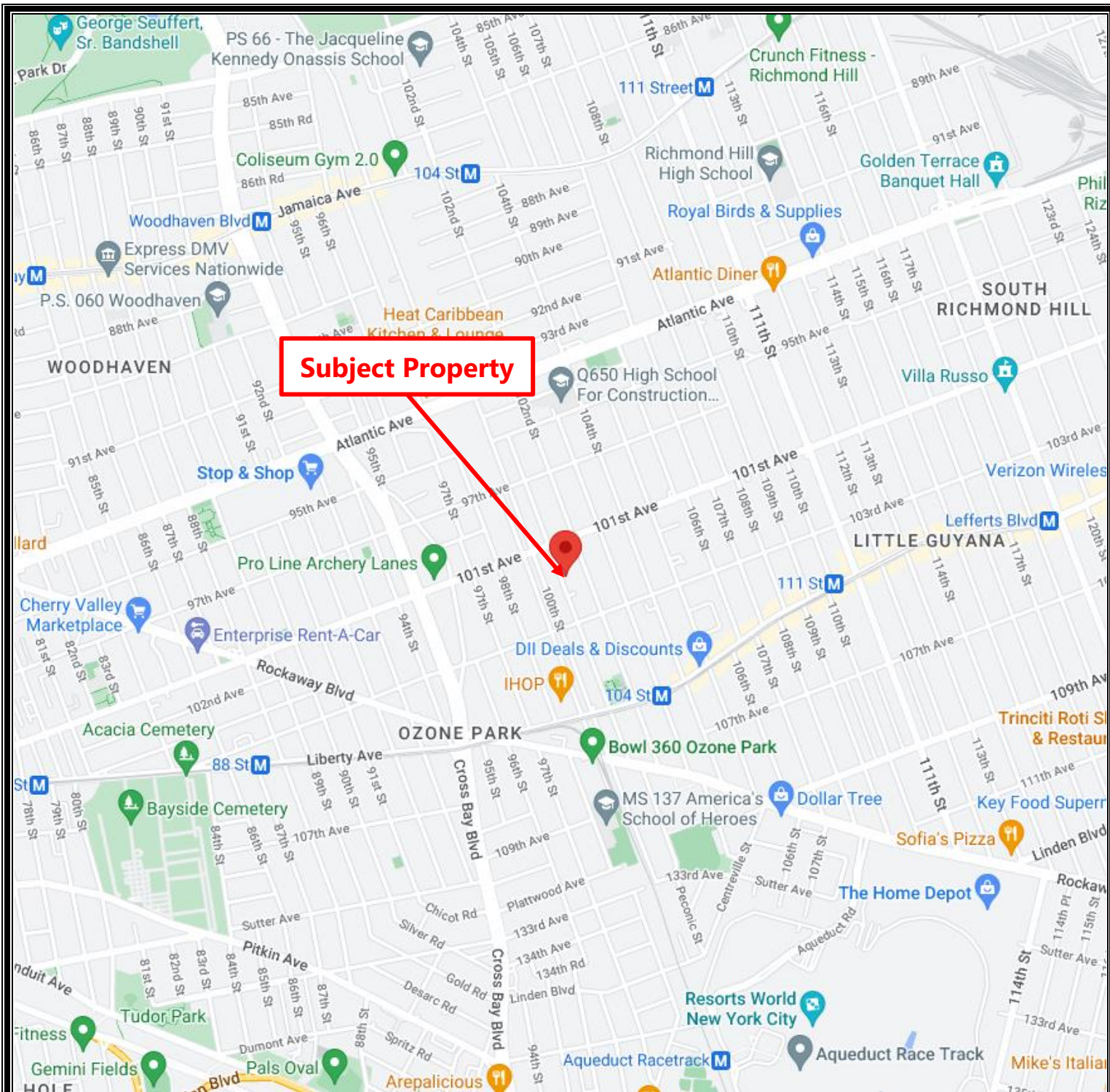


Figure 1: Site Location Map

101-21 101st Street
Queens, New York





KEY:

- Subject Property Boundary
- Former Ozone Industries SHWS Occupied Properties

Figure 2: Site Plan

101-21 101st Street
Queens, New York





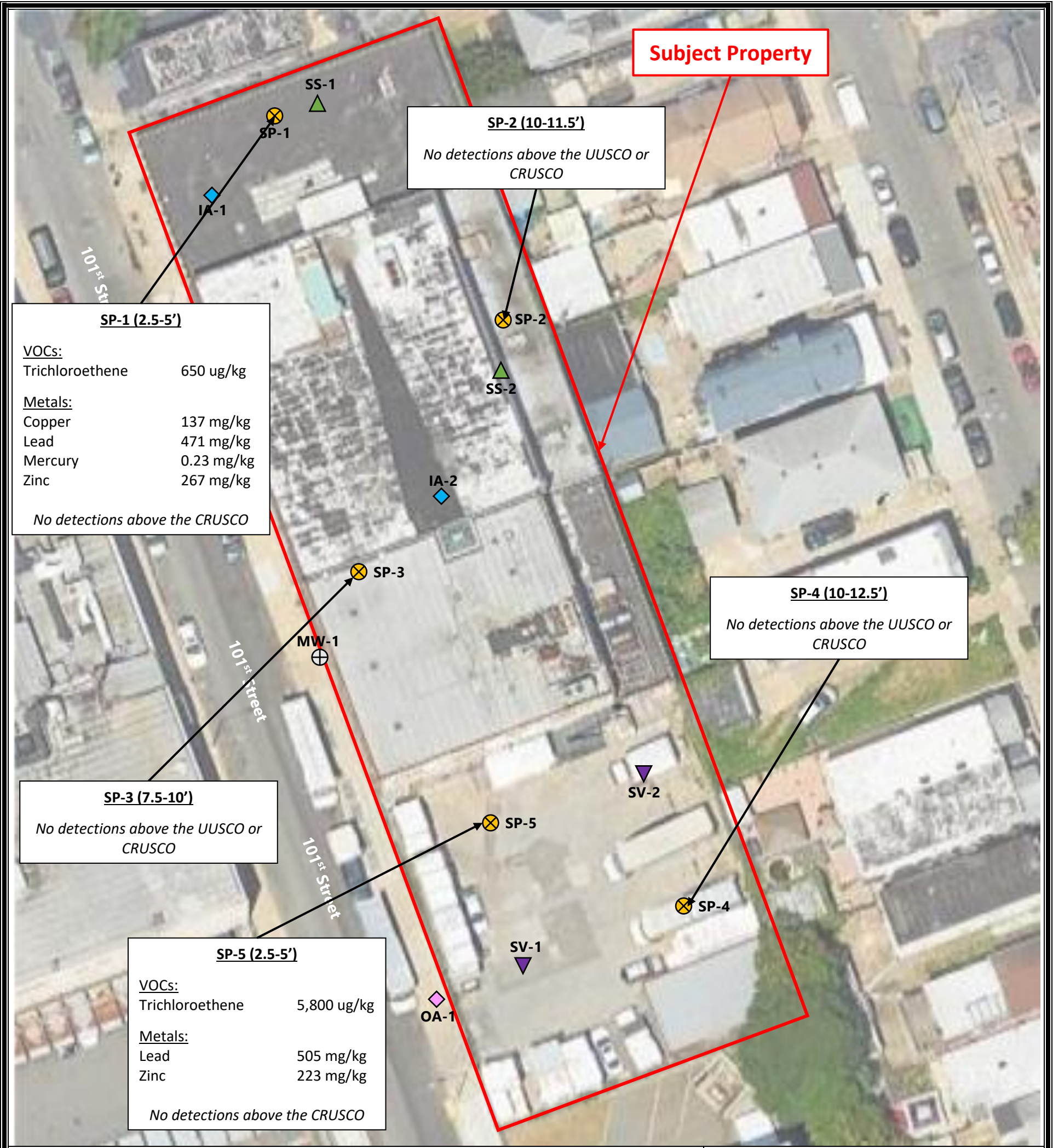
Subject Property

KEY:

- | | |
|---|--------------------------------------|
| ⊗ Soil Probe Sampling Location | ⊕ Monitoring Well Sampling Location |
| ▲ Sub-Slab Soil Vapor Probe Sampling Location | ▼ Soil Vapor Probe Sampling Location |
| ◇ Outdoor Air Sampling Location | ◆ Indoor Air Sampling Location |

Figure 3: Sampling Plan
 101-21 101st Street
 Queens, New York





KEY:





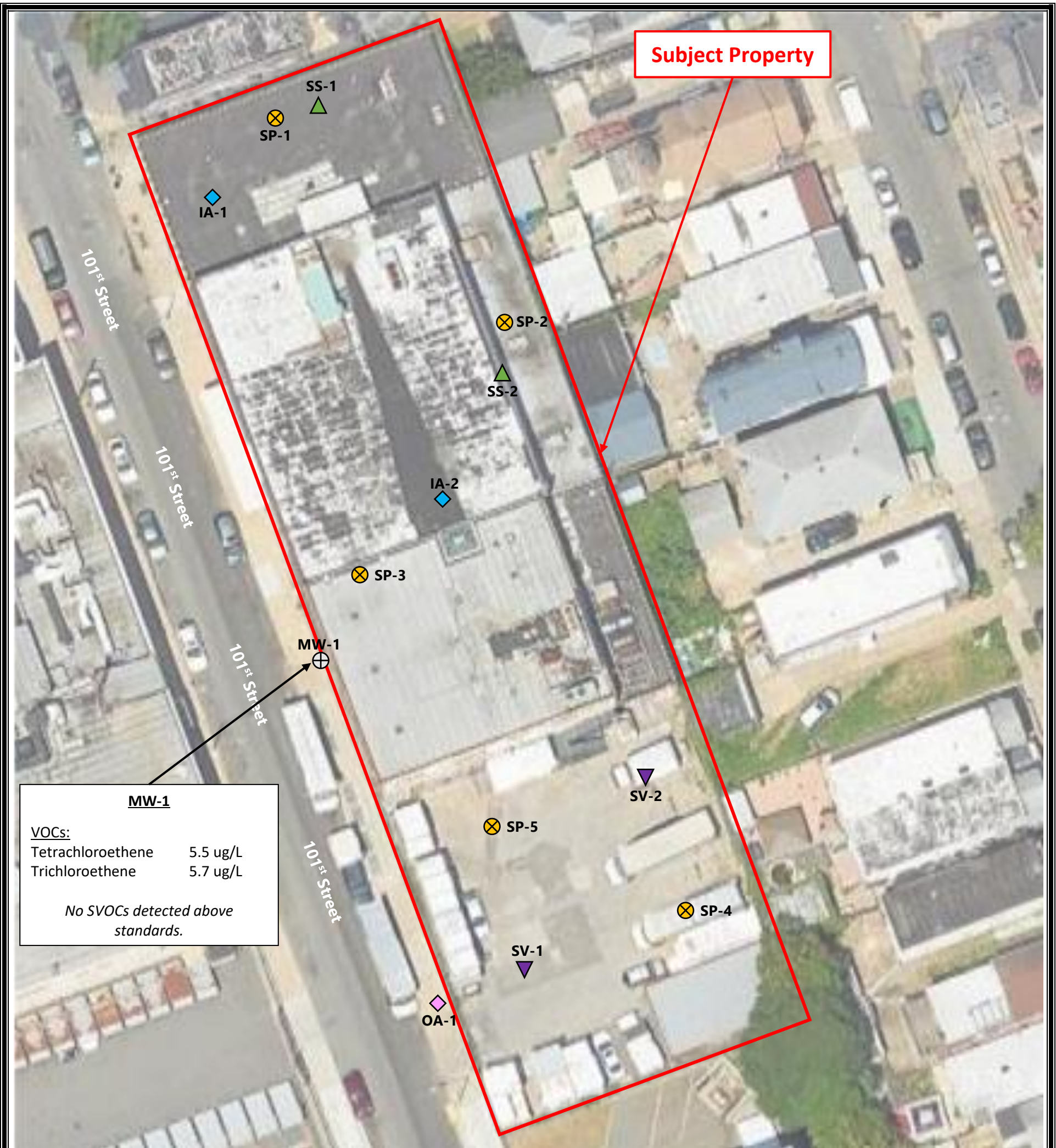
-  Soil Probe Sampling Location
-  Sub-Slab Soil Vapor Probe Sampling Location
-  Outdoor Air Sampling Location
-  Monitoring Well Sampling Location
-  Soil Vapor Probe Sampling Location
-  Indoor Air Sampling Location

Figure 4: Soil Detections Above Standards

101-21 101st Street
Queens, New York





Subject Property

MW-1

VOCs:
 Tetrachloroethene 5.5 ug/L
 Trichloroethene 5.7 ug/L

No SVOCs detected above standards.

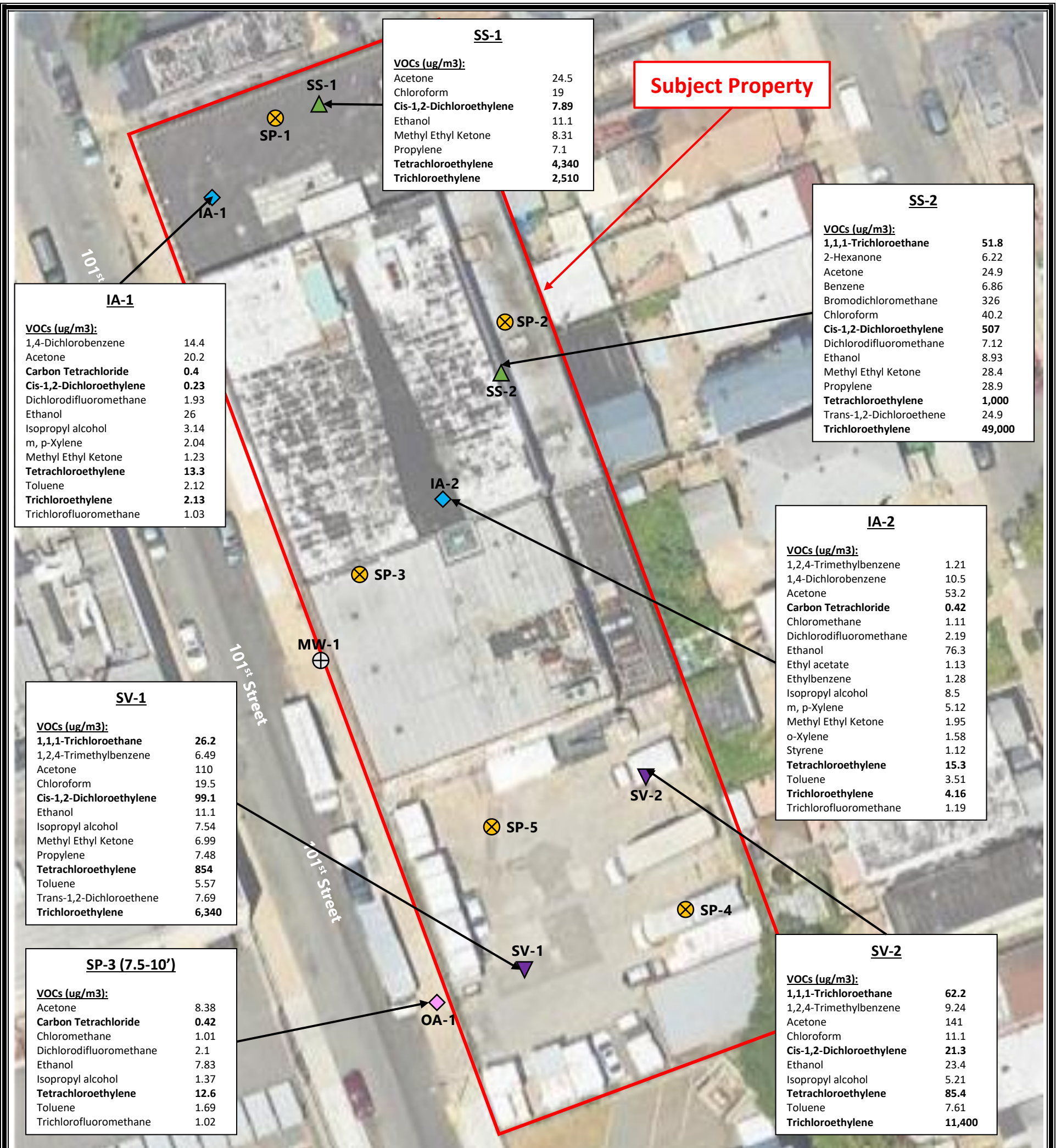
KEY:

- ⊗ Soil Probe Sampling Location
- ▲ Sub-Slab Soil Vapor Probe Sampling Location
- ◇ Outdoor Air Sampling Location
- ⊕ Monitoring Well Sampling Location
- ▼ Soil Vapor Probe Sampling Location
- ◆ Indoor Air Sampling Location

Figure 5: Groundwater Detections Above Standards

101-21 101st Street
 Queens, New York





Subject Property

- KEY:**
- ⊗ Soil Probe Sampling Location
 - ▲ Sub-Slab Soil Vapor Probe Sampling Location
 - ◇ Outdoor Air Sampling Location
 - ⊕ Monitoring Well Sampling Location
 - ▼ Soil Vapor Probe Sampling Location
 - ◆ Indoor Air Sampling Location

Figure 6: Soil Vapor and Ambient Air Detections

101-21 101st Street
Queens, New York



**Table 1A
Soil Volatile Organic Compound Analytical Results
101-21 101st Street, Queens, New York**

Client Id	SP-1 (2.5'-5')		SP-2 (10'-11.5')		SP-3 (7.5'-10')		SP-4 (10'-12.5')		SP-5 (2.5'-5')		NY-UnRestricted SCO	NY-Commercial Restricted SCO
	6/14/2023		6/14/2023		6/14/2023		6/14/2023		6/14/2023			
	Soil		Soil		Soil		Soil		Soil			
Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
CAS	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL		
1,1,1,2-Tetrachloroethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,1,1-Trichloroethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	680	500000
1,1,2,2-Tetrachloroethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,1,2-Trichloroethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,1-Dichloroethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	270	240000
1,1-Dichloroethene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	330	500000
1,1-Dichloropropene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,2,3-Trichlorobenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,2,3-Trichloropropane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,2,4-Trichlorobenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,2,4-Trimethylbenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	3,600	190000
1,2-Dibromo-3-chloropropane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,2-Dibromoethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,2-Dichlorobenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	1,100	500000
1,2-Dichloroethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	20	30000
1,2-Dichloropropane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,3,5-Trimethylbenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	8,400	190000
1,3-Dichlorobenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	2,400	280000
1,3-Dichloropropane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
1,4-Dichlorobenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	1,800	130000
2,2-Dichloropropane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
2-Chlorotoluene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
2-Hexanone	< 31	31	< 26	26	< 27	27	< 25	25	< 24	24	~	~
2-Isopropyltoluene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
4-Chlorotoluene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
4-Methyl-2-pentanone	< 31	31	< 26	26	< 27	27	< 25	25	< 24	24	~	~
Acetone	< 31	31	< 26	26	< 27	27	< 25	25	< 24	24	50	500000
Acrylonitrile	< 12	12	< 10	10	< 11	11	< 10	10	< 9.8	9.8	~	~
Benzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	60	44000
Bromobenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Bromochloromethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Bromodichloromethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Bromoform	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Bromomethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Carbon Disulfide	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Carbon tetrachloride	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	760	22000
Chlorobenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	1,100	500000
Chloroethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Chloroform	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	370	350000
Chloromethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
cis-1,2-Dichloroethene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	9.5	4.9	250	500000
cis-1,3-Dichloropropene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Dibromochloromethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Dibromomethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Dichlorodifluoromethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Ethylbenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	1,000	390000
Hexachlorobutadiene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Isopropylbenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
m&p-Xylene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Methyl Ethyl Ketone	< 31	31	< 26	26	< 27	27	< 25	25	< 24	24	120	500000
Methyl t-butyl ether (MTBE)	< 12	12	< 10	10	< 11	11	< 10	10	< 9.8	9.8	930	500000
Methylene chloride	< 12	12	< 10	10	< 11	11	< 10	10	< 9.8	9.8	50	500000
Naphthalene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	12,000	500000
n-Butylbenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	12,000	500000
n-Propylbenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	3,900	500000
o-Xylene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
p-Isopropyltoluene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
sec-Butylbenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	11,000	500000
Styrene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
tert-Butylbenzene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	5,900	500000
Tetrachloroethene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	1,300	150000
Tetrahydrofuran (THF)	< 12	12	< 10	10	< 11	11	< 10	10	< 9.8	9.8	~	~
Toluene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	700	500000
Total Xylenes	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	260	~
trans-1,2-Dichloroethene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	190	500000
trans-1,3-Dichloropropene	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
trans-1,4-dichloro-2-butene	< 12	12	< 10	10	< 11	11	< 10	10	< 9.8	9.8	~	~
Trichloroethene	650	470	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	5,800	500	470	200000
Trichlorofluoromethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Trichlorotrifluoroethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	~	~
Vinyl chloride	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	20	13000

NOTES:

Any Regulatory Exceedences are color coded by Regulation
 RL = Reporting limit
 Gray shaded values exceed the NYSDEC UUSCO Standard
 Bolded values exceed the RL
 ~this indicates that no regulatory limit has been established for this analyte

Table 1B
Soil Semi Volatile Organic Compound Analytical Results
101-21 101st Street, Queens, New York

Client Id	SP-1 (2.5'-5')		SP-2 (10'-11.5')		SP-3 (7.5'-10')		SP-4 (10'-12.5')		SP-5 (2.5'-5')		NY-UnRestricted SCO	NY-Commercial Restricted SCO
Collection Date	6/14/2023		6/14/2023		6/14/2023		6/14/2023		6/14/2023			
Matrix	Soil		Soil		Soil		Soil		Soil			
Unit	ug/kg		ug/kg		ug/kg		ug/kg		ug/kg			
CAS	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL		
1,2-Dichlorobenzene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	1,100	500000
1,2-Diphenylhydrazine	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
1,3-Dichlorobenzene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	2,400	280000
1,4-Dichlorobenzene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	1,800	130000
2,2'-Oxybis(1-Chloropropane)	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
2,4-Dinitrotoluene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
2,6-Dinitrotoluene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
2-Chloronaphthalene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
2-Methylnaphthalene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
2-Nitroaniline	< 1100	1,100	< 990	990	< 980	980	< 980	980	< 1100	1,100	~	~
3,3'-Dichlorobenzidine	< 1500	1,500	< 1400	1,400	< 1400	1,400	< 1400	1,400	< 1500	1,500	~	~
3-Nitroaniline	< 1100	1,100	< 990	990	< 980	980	< 980	980	< 1100	1,100	~	~
4-Bromophenyl phenyl ether	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
4-Chloroaniline	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
4-Chlorophenyl phenyl ether	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
4-Nitroaniline	< 1100	1,100	< 990	990	< 980	980	< 980	980	< 1100	1,100	~	~
Acenaphthene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	20,000	500000
Acenaphthylene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	100,000	500000
Anthracene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	100,000	500000
Benz(a)anthracene	< 250	250	< 240	240	< 240	240	< 240	240	700	260	1,000	5600
Benzidine	< 360	360	< 340	340	< 340	340	< 340	340	< 370	370	~	~
Benzo(a)pyrene	< 250	250	< 240	240	< 240	240	< 240	240	700	260	1,000	1000
Benzo(b)fluoranthene	< 250	250	< 240	240	< 240	240	< 240	240	830	260	1,000	5600
Benzo(ghi)perylene	< 250	250	< 240	240	< 240	240	< 240	240	430	260	100,000	500000
Benzo(k)fluoranthene	< 250	250	< 240	240	< 240	240	< 240	240	290	260	800	56000
Benzoic acid	< 730	730	< 690	690	< 680	680	< 680	680	< 730	730	~	~
Benzyl alcohol	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Benzyl butyl phthalate	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Bis(2-chloroethoxy)methane	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Bis(2-chloroethyl)ether	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Bis(2-ethylhexyl)phthalate	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Chrysene	< 250	250	< 240	240	< 240	240	< 240	240	740	260	1,000	56000
Dibenz(a,h)anthracene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	330	560
Dibenzofuran	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	7,000	350000
Diethyl phthalate	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Dimethylphthalate	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Di-n-butylphthalate	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Di-n-octylphthalate	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Fluoranthene	< 250	250	< 240	240	< 240	240	< 240	240	1,400	260	100,000	500000
Fluorene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	30,000	500000
Hexachlorobenzene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	330	6000
Hexachlorobutadiene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Hexachlorocyclopentadiene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Hexachloroethane	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Indeno(1,2,3-cd)pyrene	< 250	250	< 240	240	< 240	240	< 240	240	420	260	500	5600
Isophorone	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Naphthalene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	12,000	~
Nitrobenzene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
N-Nitrosodimethylamine	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
N-Nitrosodi-n-propylamine	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	500000
N-Nitrosodiphenylamine	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	~	~
Phenanthrene	< 250	250	< 240	240	< 240	240	< 240	240	970	260	100,000	500000
Pyrene	< 250	250	< 240	240	< 240	240	< 240	240	1,400	260	100,000	500000

NOTES:

Any Regulatory Exceedences are color coded by Regulation

RL = Reporting limit

Bolded values exceed the RL

~this indicates that no regulatory limit has been established for this analyte

Table 1C
Soil Metal Compound Analytical Results
101-21 101st Street, Queens, New York

Client Id	SP-1 (2.5'-5')		SP-2 (10'-11.5')		SP-3 (7.5'-10')		SP-4 (10'-12.5')		SP-5 (2.5'-5')		NY-UnRestricted SCO	NY-Commercial Restricted SCO
Collection Date	6/14/2023		6/14/2023		6/14/2023		6/14/2023		6/14/2023			
Matrix	Soil		Soil		Soil		Soil		Soil			
Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg			
CAS	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL		
Aluminum	6,000	50	3,040	48	3,070	52	4,260	46	10,200	55	~	~
Antimony	< 3.3	3.3	< 3.2	3.2	< 3.5	3.5	< 3.1	3.1	< 3.7	3.7	~	~
Arsenic	5.17	0.67	1	0.63	0.96	0.70	1.25	0.61	5.02	0.73	13	16
Barium	149	0.33	17.8	0.32	26.4	0.35	23.8	0.31	197	0.37	350	400
Beryllium	0.35	0.27	< 0.25	0.25	< 0.28	0.28	0.26	0.25	0.52	0.29	7.2	590
Cadmium	1.81	0.33	0.63	0.32	0.68	0.35	0.93	0.31	1.4	0.37	2.5	9.3
Calcium	13,600	50	396	4.8	407	5.2	326	4.6	3,990	5.5	~	~
Chromium	16.6	0.33	9.06	0.32	12.1	0.35	11.4	0.31	20.9	0.37	~	~
Cobalt	5.79	0.33	3.19	0.32	3.62	0.35	4.88	0.31	6.07	0.37	~	~
Copper	137	6.7	6.4	0.6	8.2	0.7	9.9	0.6	35.1	0.7	50	270
Iron	21,800	50	12,600	48	14,600	52	23,600	46	18,700	55	~	~
Lead	471	3.3	2.91	0.32	2.52	0.35	3.52	0.31	505	3.7	63	1000
Magnesium	1,700	5.0	808	4.8	1,190	5.2	1,120	4.6	1,560	5.5	~	~
Manganese	625	3.3	162	3.2	214	3.5	340	3.1	353	3.7	1,600	10000
Mercury	0.23	0.03	< 0.03	0.03	< 0.03	0.03	< 0.02	0.02	0.09	0.03	0.18	2.8
Nickel	15.9	0.33	6.76	0.32	8.78	0.35	8.78	0.31	14.5	0.37	30	310
Potassium	612	5.0	436	4.8	558	5.2	460	4.6	651	5.5	~	~
Selenium	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.2	1.2	< 1.5	1.5	3.9	1500
Silver	< 0.60	0.60	< 0.32	0.32	< 0.35	0.35	< 0.31	0.31	< 0.37	0.37	2	1500
Sodium	156	5.0	35	4.8	57.7	5.2	42.9	4.6	174	5.5	~	~
Thallium	< 3.0	3.0	< 2.9	2.9	< 3.1	3.1	< 2.8	2.8	< 3.3	3.3	~	~
Vanadium	24.3	0.33	12.7	0.32	12.3	0.35	16.3	0.31	29.1	0.37	~	~
Zinc	267	6.7	11.6	0.6	16	0.7	18.6	0.6	223	7.3	109	10000

NOTES:

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RL = Reporting limit

Gray shaded values exceed the NYSDEC UUSCO Standard

Bolded values exceed the RL

~this indicates that no regulatory limit has been established for this analyte

Table 2A
Groundwater Volatile Organic Compound Analytical Results
101-21 101st Street, Queens, New York

Client Id	MW-1		NYSDEC TOGS AWQS
	Collection Date	6/14/2023	
	Matrix	Ground Water	
	Unit	ug/L	
CAS	Result	RL	
1,1,1,2-Tetrachloroethane	< 1.0	1.0	5
1,1,1-Trichloroethane	< 1.0	1.0	5
1,1,2,2-Tetrachloroethane	< 0.50	0.50	5
1,1,2-Trichloroethane	< 1.0	1.0	1
1,1-Dichloroethane	< 1.0	1.0	5
1,1-Dichloroethene	< 1.0	1.0	5
1,1-Dichloropropene	< 1.0	1.0	5
1,2,3-Trichlorobenzene	< 1.0	1.0	~
1,2,3-Trichloropropane	< 1.0	1.0	0.04
1,2,4-Trichlorobenzene	< 1.0	1.0	~
1,2,4-Trimethylbenzene	< 1.0	1.0	5
1,2-Dibromo-3-chloropropane	< 1.0	1.0	0.04
1,2-Dibromoethane	< 1.0	1.0	0.0006
1,2-Dichlorobenzene	< 1.0	1.0	~
1,2-Dichloroethane	< 0.60	0.60	0.6
1,2-Dichloropropane	< 1.0	1.0	1
1,3,5-Trimethylbenzene	< 1.0	1.0	5
1,3-Dichlorobenzene	< 1.0	1.0	3
1,3-Dichloropropane	< 1.0	1.0	5
1,4-Dichlorobenzene	< 1.0	1.0	~
2,2-Dichloropropane	< 1.0	1.0	5
2-Chlorotoluene	< 1.0	1.0	5
2-Hexanone	< 5.0	5.0	50
2-Isopropyltoluene	< 1.0	1.0	5
4-Chlorotoluene	< 1.0	1.0	5
4-Methyl-2-pentanone	< 5.0	5.0	~
Acetone	< 25	25	50
Acrylonitrile	< 1.0	1.0	5
Benzene	< 0.70	0.70	1
Bromobenzene	< 1.0	1.0	5
Bromochloromethane	< 1.0	1.0	5
Bromodichloromethane	< 0.50	0.50	50
Bromoform	< 1.0	1.0	50
Bromomethane	< 1.0	1.0	5
Carbon Disulfide	< 5.0	5.0	~
Carbon tetrachloride	< 1.0	1.0	5
Chlorobenzene	< 1.0	1.0	5
Chloroethane	< 1.0	1.0	5
Chloroform	2.5	1.0	7
Chloromethane	< 1.0	1.0	5
cis-1,2-Dichloroethene	< 1.0	1.0	5
cis-1,3-Dichloropropene	< 0.40	0.40	0.4
Dibromochloromethane	< 0.50	0.50	50
Dibromomethane	< 1.0	1.0	5
Dichlorodifluoromethane	< 1.0	1.0	5
Ethylbenzene	< 1.0	1.0	5
Hexachlorobutadiene	< 0.40	0.40	0.5
Isopropylbenzene	< 1.0	1.0	5
m&p-Xylene	< 1.0	1.0	~
Methyl ethyl ketone	< 5.0	5.0	50
Methyl t-butyl ether (MTBE)	< 1.0	1.0	~
Methylene chloride	< 1.0	1.0	5
Naphthalene	< 1.0	1.0	5
n-Butylbenzene	< 1.0	1.0	5
n-Propylbenzene	< 1.0	1.0	10
o-Xylene	< 1.0	1.0	5
p-Isopropyltoluene	< 1.0	1.0	5
sec-Butylbenzene	< 1.0	1.0	5
Styrene	< 1.0	1.0	5
tert-Butylbenzene	< 1.0	1.0	5
Tetrachloroethene	5.5	1.0	5
Tetrahydrofuran (THF)	< 2.5	2.5	50
Toluene	< 1.0	1.0	5
Total Xylenes	< 1.0	1.0	5
trans-1,2-Dichloroethene	< 1.0	1.0	5
trans-1,3-Dichloropropene	< 0.40	0.40	0.4
trans-1,4-dichloro-2-butene	< 5.0	5.0	5
Trichloroethene	5.7	1.0	5
Trichlorofluoromethane	< 1.0	1.0	5
Trichlorotrifluoroethane	< 1.0	1.0	5
Vinyl chloride	< 1.0	1.0	2

NOTES:

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RL = Reporting limit

Gray shaded values exceed the NYSDEC TOGS Standard

Bolded values exceed the RL

~this indicates that no regulatory limit has been established for this analyte

Table 2B
Groundwater Semi Volatile Organic Compound Analytical Results
101-21 101st Street, Queens, New York

Client Id	MW-1		NYSDEC TOGS AWQS
Collection Date	6/14/2023		
Matrix	Ground Water		
Unit	ug/L		
CAS	Result	RL	
Semivolatiles, SIM By SW8270D (SIM)			
Acenaphthylene	< 0.47	0.47	~
Benz(a)anthracene	< 0.02	0.02	0.002
Benzo(a)pyrene	< 0.02	0.02	~
Benzo(b)fluoranthene	< 0.02	0.02	0.002
Benzo(ghi)perylene	< 0.47	0.47	~
Benzo(k)fluoranthene	< 0.02	0.02	0.002
Chrysene	< 0.02	0.02	0.002
Dibenz(a,h)anthracene	< 0.47	0.47	~
Hexachlorobenzene	< 0.04	0.04	0.04
Hexachlorobutadiene	< 0.47	0.47	0.5
Hexachlorocyclopentadiene	< 0.47	0.47	5
Indeno(1,2,3-cd)pyrene	< 0.02	0.02	0.002
Nitrobenzene	< 0.38	0.38	0.4
Phenanthrene	< 0.47	0.47	50
Semivolatiles, Full Scan By SW8270D			
1,2,4-Trichlorobenzene	< 4.7	4.7	~
1,2-Dichlorobenzene	< 2.8	2.8	~
1,2-Diphenylhydrazine	< 4.7	4.7	~
1,3-Dichlorobenzene	< 2.8	2.8	3
1,4-Dichlorobenzene	< 2.8	2.8	~
2,2'-Oxybis(1-Chloropropane)	< 0.94	0.94	5
2,4-Dinitrotoluene	< 4.7	4.7	5
2,6-Dinitrotoluene	< 4.7	4.7	5
2-Chloronaphthalene	< 4.7	4.7	10
2-Methylnaphthalene	< 4.7	4.7	~
2-Nitroaniline	< 4.7	4.7	5
3,3'-Dichlorobenzidine	< 4.7	4.7	5
3-Nitroaniline	< 4.7	4.7	5
4-Bromophenyl phenyl ether	< 4.7	4.7	~
4-Chloroaniline	< 4.7	4.7	5
4-Chlorophenyl phenyl ether	< 4.7	4.7	~
4-Nitroaniline	< 4.7	4.7	5
Acenaphthene	< 4.7	4.7	20
Anthracene	< 4.7	4.7	50
Benzidine	< 4.7	4.7	5
Benzoic acid	< 4.7	4.7	~
Benzyl Alcohol	< 19	19	~
Benzyl butyl phthalate	< 4.7	4.7	50
Bis(2-chloroethoxy)methane	< 4.7	4.7	5
Bis(2-chloroethyl)ether	< 0.94	0.94	1
Bis(2-ethylhexyl)phthalate	< 4.7	4.7	5
Dibenzofuran	< 4.7	4.7	50
Diethyl phthalate	< 4.7	4.7	50
Dimethylphthalate	< 4.7	4.7	~
Di-n-butylphthalate	< 4.7	4.7	50
Di-n-octylphthalate	< 4.7	4.7	50
Fluoranthene	< 4.7	4.7	50
Fluorene	< 4.7	4.7	50
Hexachloroethane	< 4.7	4.7	5
Isophorone	< 4.7	4.7	50
Naphthalene	< 4.7	4.7	~
N-Nitrosodimethylamine	< 4.7	4.7	~
N-Nitrosodi-n-propylamine	< 4.7	4.7	50
N-Nitrosodiphenylamine	< 4.7	4.7	10
Pyrene	< 4.7	4.7	50

NOTES:

Any Regulatory Exceedences are color coded by Regulation

RL = Reporting limit

~this indicates that no regulatory limit has been established for this analyte

Table 3
Soil Vapor and Ambient Air Volatile Organic Compound Analytical Results
101-21 101st Street, Queens, New York

Client Id Collection Date Matrix Unit CAS	SV-1		SV-2		SS-1		SS-2		OA-1		IA-1		IA-2			
	6/15/2023		6/15/2023		6/15/2023		6/15/2023		6/15/2023		6/15/2023		6/15/2023			
	Air		Air		Air		Air		Air		Air		Air			
	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3			
Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	
1,1,1,2-Tetrachloroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	26.2	5.00	62.2	5.00	< 5.00	5.00	51.8	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1,2-Tetrachloroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene	6.49	5.01	9.24	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	1.21	1.00
1,2-Dibromoethane(EDB)	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-dichloropropane	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Butadiene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	14.4	1.00	10.5	1.00	< 1.00	1.00
1,4-Dioxane	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone(MBK)	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	6.22	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Isopropyltoluene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone(MIBK)	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Acetone	110	5.01	141	5.01	24.5	5.01	24.9	5.01	8.38	1.00	20.2	1.00	53.2	1.00	< 1.00	1.00
Acrylonitrile	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	6.86	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzyl chloride	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	326	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	0.42	0.20	0.4	0.20	0.42	0.20	< 1.00	1.00
Chlorobenzene	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform	19.5	4.98	11.1	4.98	19	4.98	40.2	4.98	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloromethane	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	1.01	1.00	< 1.00	1.00	< 1.00	1.00	1.11	1.00
cis-1,2-Dichloroethene	99.1	1.00	21.3	1.00	7.89	1.00	507	1.00	< 0.20	0.20	0.23	0.20	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dibromochloromethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluoromethane	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	7.12	4.99	2.1	1.00	1.93	1.00	2.19	1.00	< 1.00	1.00
Ethanol	11.1	5.01	23.4	5.01	11.1	5.01	8.93	5.01	7.83	1.00	26	1.00	76.3	1.00	< 1.00	1.00
Ethyl acetate	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	1.13	1.00
Ethylbenzene	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	1.28	1.00
Heptane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexachlorobutadiene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Isopropylalcohol	7.54	5.01	5.21	5.01	< 5.01	5.01	< 5.01	5.01	1.34	1.00	3.14	1.00	8.5	1.00	< 1.00	1.00
Isopropylbenzene	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
m,p-Xylene	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00	2.04	1.00	5.12	1.00	< 1.00	1.00
Methyl Ethyl Ketone	6.99	5.01	< 5.01	5.01	8.31	5.01	28.4	5.01	< 1.00	1.00	1.23	1.00	1.95	1.00	< 1.00	1.00
Methyl tert-butyl ether(MTBE)	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
p-Xylene	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	1.58	1.00
Propylene	7.48	5.01	< 5.01	5.01	7.1	5.01	28.9	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
sec-Butylbenzene	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	1.12	1.00
Tetrachloroethene	854	1.25	85.4	1.25	4,340	7.52	1,000	1.25	12.6	0.25	13.3	0.25	15.3	0.25	< 1.00	1.00
Tetrahydrofuran	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Toluene	5.57	5.01	7.61	5.01	< 5.01	5.01	< 5.01	5.01	1.69	1.00	2.12	1.00	3.51	1.00	< 1.00	1.00
Trans-1,2-Dichloroethene	7.69	4.99	< 4.99	4.99	< 4.99	4.99	24.9	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	6,340	5.96	11,400	14.9	2,510	5.96	49,000	149	< 0.20	0.20	2.13	0.20	4.16 </			

Appendix A
Database Search Results

10121 101st Street

10121 101 Street

Ozone Park, NY 11416

Inquiry Number: 7351608.2s

May 31, 2023

EDR Summary Radius Map Report



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

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

10121 101 STREET
OZONE PARK, NY 11416

COORDINATES

Latitude (North): 40.6846340 - 40° 41' 4.68"
Longitude (West): 73.8408900 - 73° 50' 27.20"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 597949.7
UTM Y (Meters): 4504184.0
Elevation: 39 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP
Source: U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150522
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
10121 101 STREET
OZONE PARK, NY 11416

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CON EDISON	101-21 101ST ST	NY MANIFEST		TP
A2	OZONE INDUSTRIES	100TH ST. BETWEEN 10	NY SHWS, NY VAPOR REOPENED	Higher	23, 0.004, SW
A3	OZONE INDUSTRIES	101-32 101ST ST	NY CBS UST, NY CBS, NY AST, NY Spills, RCRA NonGen...	Higher	83, 0.016, WSW
A4	OZONE INDUSTRIES_INC	101-32 101ST STREET	NY UST	Higher	83, 0.016, WSW
A5	METROPOLITAN GARMENT	101-20 101ST STREET	NY DRYCLEANERS	Higher	84, 0.016, WNW
A6	SUNFLOWER CLEANERS	10120 101ST ST	EDR Hist Cleaner	Higher	84, 0.016, WNW
A7	METROPOLITAN GARMENT	101-20 101ST STREET	RCRA-SQG, ICIS, US AIRS, NY MANIFEST	Higher	84, 0.016, WNW
A8	101-32 101ST ST./OZO	101-32 101ST ST.	NY LTANKS	Higher	105, 0.020, WSW
A9	CON EDISON	101-55 100TH ST	RCRA NonGen / NLR	Higher	135, 0.026, WNW
A10	CON EDISON	101-55 100TH ST	NJ MANIFEST	Higher	135, 0.026, WNW
B11	METROPOLITAN GARMENT	10120 101ST AVE	EDR Hist Cleaner	Higher	155, 0.029, North
C12	CONSTRUCTION SITE	101-09 103RD AVE	NY LTANKS	Lower	164, 0.031, SSE
C13	SAFEGUARD SELF STORA	101-09 103RD AVENUE	NY UST	Lower	164, 0.031, SSE
D14	CON EDISON SERVICE B	100-08 101ST AVE	RCRA NonGen / NLR, FINDS	Higher	176, 0.033, NW
D15	CON EDISON	100-08 101ST AVE	NY MANIFEST	Higher	176, 0.033, NW
E16	OZONE INDUSTRIES FOR	101-35 99TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	262, 0.050, SW
C17	CON EDISON	31-10 103RD ST & 102	RCRA NonGen / NLR, FINDS, ECHO	Lower	268, 0.051, SE
D18	GARAGE	100TH ST & 101ST AVE	NY Spills	Higher	278, 0.053, NW
D19	MANHOLE 24851	101 AV & 100 ST	NY Spills	Higher	282, 0.053, NW
D20	NYCDEP	100TH ST & 101ST AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	284, 0.054, NW
B21	LOT 25,TAXBLOCK 9403	101-17 101 AVENUE	NY E DESIGNATION	Higher	287, 0.054, North
C22	SPILL NUMBER 0205794	100TH ST & 103RD AVE	NY Spills	Lower	297, 0.056, South
B23	CON EDISON SERVICE B	101-04 103RD ST	RCRA NonGen / NLR, FINDS	Higher	332, 0.063, NE
B24	CON EDISON	101-04 103RD ST	NY MANIFEST	Higher	332, 0.063, NE
D25	NYCDEP	99TH ST BTW 97TH AVE	NY MANIFEST	Higher	348, 0.066, WNW
E26	101-70 99TH STREET	101-70 99TH STREET	NY Spills	Lower	354, 0.067, SSW
C27	M&M REALTY	103-15 101 ST	NY UST	Lower	420, 0.080, SSE
F28	103RD ST & 103RD AVE	103RD ST & 103RD AVE	NY LTANKS	Higher	435, 0.082, ESE
G29	103-12 101ST AVE./ST	103-12 101ST. AVE.	NY LTANKS	Higher	449, 0.085, NNE
H30	CON EDISON	97-41 100TH ST	NY MANIFEST	Higher	452, 0.086, NW
H31	CON EDISON SERVICE B	97-41 100TH ST	RCRA NonGen / NLR, FINDS	Higher	452, 0.086, NW
H32	CINDYS DRY CLEANERS	9817 101ST AVE	EDR Hist Cleaner	Higher	453, 0.086, WNW
H33	DRUM RUN	97-38 101ST STREET	NY Spills	Higher	487, 0.092, NNW
I34	CON EDISON SERVICE B	98-11 101ST AVE	RCRA NonGen / NLR	Higher	495, 0.094, WNW
I35	CON ED	98-11 101ST AVE	NY MANIFEST	Higher	495, 0.094, WNW
F36	103-10 103RD ST	103-10 103RD ST	NY LTANKS	Higher	499, 0.095, SE
J37	SEOUL MACHINERY INC	10325 100TH ST	EDR Hist Cleaner	Lower	507, 0.096, South
H38	(GARAGE) O. Z. QUIC	97-33 100TH STREET	NY AST	Higher	510, 0.097, NW
J39	PUBLIC SCHOOL #65	103-22 99TH ST	NY Spills	Lower	572, 0.108, SSW

MAPPED SITES SUMMARY

Target Property Address:
10121 101 STREET
OZONE PARK, NY 11416

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K40	VS9227	98TH ST. AND 103RD A	NY Spills	Lower	582, 0.110, SW
L41	CON EDISON	101-42 98TH ST	NY MANIFEST	Lower	599, 0.113, WSW
L42	CON EDISON SERVICE B	101-42 98TH ST	RCRA NonGen / NLR	Lower	599, 0.113, WSW
H43	99TH STREET	97-36 99TH STREET	NY Spills	Higher	599, 0.113, NW
L44	CON EDISON	101-36 98TH ST	NJ MANIFEST	Higher	599, 0.113, WSW
L45	CON EDISON	101-36 98TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	599, 0.113, WSW
L46	CON EDISON	101-36 98TH ST	NY MANIFEST	Higher	599, 0.113, WSW
J47	MAIN LINE AUTO COLLI	103-32 101ST ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	601, 0.114, South
M48	SAL & SON INC	97-21 101ST ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	634, 0.120, NNW
K49	THE VOGES MFG. COMPA	103-11 98TH STREET	NY UST	Lower	652, 0.123, SSW
K50	VOGUES MFG CO INC	103-11 98TH ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	652, 0.123, SSW
J51	CAR HAVEN 99 CORP	103-24 99TH ST	NY AST	Lower	655, 0.124, South
K52	ENGINE 285 / LADDER	103-17 98TH STREET	NY AST	Lower	658, 0.125, SSW
G53	TM 5792	104TH ST & 101ST AVE	NY Spills	Higher	659, 0.125, NE
G54	212041; 104 ST AND 1	104 ST AND 101 AVE	NY Spills	Higher	659, 0.125, NE
N55	CON EDISON SERVICE B	97-44 104TH ST FRONT	RCRA NonGen / NLR, FINDS	Higher	697, 0.132, NNE
N56	CON EDISON	97-44 104TH ST FRONT	NY MANIFEST	Higher	697, 0.132, NNE
O57	JACMOR TRANSPORATION	97-26 99TH STREET	NY UST, NY AST	Higher	699, 0.132, NW
P58	CON ED	103-16 104 ST	NY MANIFEST	Higher	710, 0.134, ESE
J59	103-154 99TH STREET	103-154 99TH STREET	US BROWNFIELDS	Lower	717, 0.136, South
K60	97-05 103 AVE	97-05 103 AVE	NY AST	Lower	730, 0.138, SW
N61	CON EDISON	104-05 101 AVE	NY MANIFEST	Higher	771, 0.146, NE
M62	C + C AUTO WORKS, IN	97-08 101ST STREET	NY AST	Higher	774, 0.147, NNW
O63	CON EDISON SERVICE B	98TH ST & 99TH AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	777, 0.147, WNW
Q64	NYCDEP	103-53 101ST ST	RCRA NonGen / NLR, NY MANIFEST, NJ MANIFEST	Lower	780, 0.148, SSE
M65	SUPERSTAR AUTO COLLI	97-07 100TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	783, 0.148, NNW
M66	CON EDISON SERVICE B	97-07 100TH ST	RCRA NonGen / NLR, FINDS	Higher	783, 0.148, NNW
M67	CON EDISON	97-07 100TH ST	NY MANIFEST	Higher	783, 0.148, NNW
R68	97-10 103TH ST	97-10 103TH ST	NY LTANKS	Higher	785, 0.149, North
Q69	106 PRECINCT NYPD -D	103-55 101ST STREET	NY LTANKS, NY Spills	Lower	794, 0.150, SSE
Q70	106TH PCT	103-55 101ST STREET	NY AST	Lower	794, 0.150, SSE
Q71	106TH PCT	103-55 101ST STREET	NY UST	Lower	794, 0.150, SSE
M72	CON EDISON	101-08 97TH AVE SB13	NY MANIFEST	Higher	800, 0.152, NNW
M73	CON EDISON	101-08 97TH AVE SB13	NJ MANIFEST	Higher	800, 0.152, NNW
M74	CON EDISON	101-08 97TH AVE SB13	NY MANIFEST	Higher	800, 0.152, NNW
M75	CON EDISON	101-08 97TH AVE SB13	NJ MANIFEST	Higher	800, 0.152, NNW
M76	CON EDISON	101-08 97TH AVE SB13	RCRA NonGen / NLR, FINDS, ECHO	Higher	800, 0.152, NNW
M77	CON EDISON	101-08 97TH AVE SB13	RCRA NonGen / NLR	Higher	800, 0.152, NNW
M78	CON EDISON	101-04 97TH AVE SB13	NY MANIFEST	Higher	800, 0.152, NNW

MAPPED SITES SUMMARY

Target Property Address:
10121 101 STREET
OZONE PARK, NY 11416

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
M79	CON EDISON SERVICE B	101-04 97TH AVE SB13	RCRA NonGen / NLR	Higher	800, 0.152, NNW
M80	CON EDISON	101-04 97TH AVE SB13	NY MANIFEST	Higher	800, 0.152, NNW
M81	CON EDISON SERVICE B	101-04 97TH AVE SB13	RCRA NonGen / NLR, FINDS	Higher	800, 0.152, NNW
P82	REMEDY REMOVAL INC	103-21 104TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	838, 0.159, ESE
R83	RELIABLE A & G FUELS	101-10-08 97TH AVE	NY UST	Higher	839, 0.159, North
S84	CON EDISON SERVICE B	103-32 98TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	839, 0.159, SSW
S85	CON EDISON	103-36 98 ST FRNT	NY MANIFEST	Lower	855, 0.162, SSW
N86	CON EDISON SERVICE B	97-16 104TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	879, 0.166, NNE
T87	NYCDEP	97TH AVE & 100 ST	RCRA NonGen / NLR, NY MANIFEST	Higher	886, 0.168, NNW
U88	CON EDISON	103-45 99 ST FRNT	NY MANIFEST	Lower	922, 0.175, South
V89	KAM THERMAL EQUIPLME	98-21 97TH ST	NY UST	Higher	927, 0.176, WNW
T90	CON EDISON SERVICE B	101-03 97TH AVE FRON	RCRA NonGen / NLR, NY MANIFEST	Higher	941, 0.178, NNW
W91	CON EDISON	105-01 103 AVE FRNT	NY MANIFEST	Higher	947, 0.179, East
S92	103-35 97 STREET	103-35 97 STREET	NY AST	Lower	957, 0.181, SSW
U93	J & SONS AUTO REPAIR	103-55 99TH STREET	NY AST	Lower	969, 0.184, South
U94	JOHNNYS AUTO REPAIRS	103-55 99TH STREET	NY AST	Lower	969, 0.184, South
U95	QUEENS FARMS DAIRY	103-45 98TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	972, 0.184, South
U96	QUEENS FARMS DAIRY I	103-45 98TH ST	NY UST	Lower	972, 0.184, South
X97	CON EDISON SERVICE B	98-07 97TH AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1012, 0.192, NW
V98	99-09 95TH STREET	99-09 95TH STREET	NY AST	Higher	1016, 0.192, WNW
S99	103-45-97 STREET	103-45 97 STREET	NY AST	Lower	1016, 0.192, SSW
100	DOM CORP C/O ZBIGNIE	101-43 95TH STREET	NY AST	Lower	1026, 0.194, WSW
Y101	CON EDISON SERVICE B	105-12 101ST AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	1074, 0.203, NE
102	CON EDISON SERVICE B	104-06 97TH AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	1077, 0.204, NNE
W103	CON EDISON	105-15 103RD AVE FRO	NY MANIFEST	Higher	1088, 0.206, East
S104	103-55 97TH STREET	103-55 97TH STREET	NY AST	Lower	1089, 0.206, SSW
W105	CON EDISON	105-15 103 AVE	NY MANIFEST	Higher	1098, 0.208, East
Y106	PROVVISIERO BROS COR	10517 101ST AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1109, 0.210, NE
Y107	PROVVISIERO BROTHERS	105-17 101ST AVENUE	NY AST	Higher	1109, 0.210, NE
Y108	PROVVISIERO BROTHERS	10517 101ST AVE	NY MANIFEST	Higher	1109, 0.210, NE
W109	CON EDISON	105-17 103 AVE	NY MANIFEST	Higher	1116, 0.211, East
U110	CON EDISON	LIBERTY AVE & 99TH S	RCRA NonGen / NLR, NY MANIFEST	Lower	1117, 0.212, South
W111	CON EDISON SERVICE B	105-17 103RD AVE FRO	RCRA NonGen / NLR	Higher	1119, 0.212, East
Z112	CON EDISON	LIBERTY AVE & 102ND	NY MANIFEST	Lower	1134, 0.215, SSE
Z113	CON EDISON SERVICE B	LIBERTY AVE & 102ND	RCRA NonGen / NLR	Lower	1134, 0.215, SSE
AA114	NYCDEP	97TH AVE & 97TH ST	NY MANIFEST	Lower	1148, 0.217, WNW
AA115	NYCDEP	97TH AVE & 97TH ST	RCRA NonGen / NLR	Lower	1148, 0.217, WNW
AA116	CON EDISON SERVICE B	95-36 97TH AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1151, 0.218, WNW
AB117	CON EDISON SERVICE B	95-14 100TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	1160, 0.220, NNW

MAPPED SITES SUMMARY

Target Property Address:
10121 101 STREET
OZONE PARK, NY 11416

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AB118	CON EDISON SERVICE B	95-16 100TH ST FRONT	RCRA NonGen / NLR, NY MANIFEST	Higher	1160, 0.220, NNW
119	AMIGO COLLISION & ME	100-10 LIBERTY AVE	NY AST	Lower	1169, 0.221, SSE
U120	99TH ST. QUICK LUBE	104-23 99TH STREET	NY AST	Lower	1170, 0.222, South
AB121	WORKSMAN TRADING COR	95-15 100TH ST	RCRA-VSQG, NY MANIFEST	Lower	1173, 0.222, NNW
AC122	CON EDISON	95-14 102 ST	NY MANIFEST	Higher	1176, 0.223, NNW
AD123	CON EDISON - TM 5884	98TH ST & LIBERTY	RCRA NonGen / NLR, NY MANIFEST	Lower	1179, 0.223, South
AC124	CON EDISON SERVICE B	95-14 102ND ST	RCRA NonGen / NLR, FINDS	Higher	1182, 0.224, NNW
Z125	CON EDISON	101-12 LIBERTY AVE	NY MANIFEST	Lower	1184, 0.224, SSE
Z126	CON EDISON SERVICE B	101-12 LIBERTY AVE F	RCRA NonGen / NLR, NY MANIFEST	Lower	1184, 0.224, SSE
Z127	CON EDISON SERVICE B	101-12 LIBERTY AVE	RCRA NonGen / NLR	Lower	1184, 0.224, SSE
128	CON EDISON	101-36 106 ST	NY MANIFEST	Higher	1191, 0.226, ENE
X129	SON OF SUPERSTAR INC	95-20 98TH ST	RCRA-VSQG, US AIRS, NY MANIFEST	Lower	1203, 0.228, NW
AA130	CON EDISON SERVICE B	95-18 97TH AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1214, 0.230, WNW
131	CON EDISON SERVICE B	95-22 104TH ST	RCRA NonGen / NLR	Higher	1218, 0.231, North
AA132	CON EDISON SERVICE B	95-39 97TH AVE FRONT	RCRA NonGen / NLR, NY MANIFEST	Lower	1218, 0.231, WNW
Z133	CON EDISON SERVICE B	102-08 LIBERTY AVE F	RCRA NonGen / NLR, NY MANIFEST	Lower	1220, 0.231, SSE
AD134	CVS PHARMACY #2719	97-01 LIBERTY AVE	NY MANIFEST	Lower	1226, 0.232, SSW
AD135	CVS # 02719	9701 LIBERTY AVE	PA MANIFEST	Lower	1226, 0.232, SSW
AD136	CVS PHARMACY #2719	97-01 LIBERTY AVE	RCRA-VSQG	Lower	1226, 0.232, SSW
AA137	CON EDISON SERVICE B	95-16 97TH AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1244, 0.236, WNW
AD138	MTA NYCT - LIBERTY A	97-24 LIBERTY AVE	RCRA-SQG	Lower	1245, 0.236, South
AE139	CON EDISON	104-09 LIBERTY AVE	NY MANIFEST	Higher	1248, 0.236, SE
AE140	ROMA CLEANERS CORP	104-07 LIBERTY AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	1255, 0.238, SE
AE141	CON EDISON	104-09 LIBERTY AVE F	NY MANIFEST	Higher	1262, 0.239, SE
AE142	CON EDISON SERVICE B	104-09 LIBERTY AVE F	RCRA NonGen / NLR	Higher	1262, 0.239, SE
AA143	CON EDISON SERVICE B	95-12 97TH AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	1274, 0.241, WNW
AE144	MTA NYCT - 104TH STR	104TH ST & LIBERTY A	NJ MANIFEST	Higher	1275, 0.241, SE
AE145	CON EDISON - MANHOLE	104TH AVE & LIBERTY	NY MANIFEST	Higher	1275, 0.241, SE
AE146	MTA NYCT - 104TH STR	104TH ST & LIBERTY A	FINDS, ECHO, NY MANIFEST	Higher	1275, 0.241, SE
AE147	MTA NYCT 104TH STREE	104TH ST & LIBERTY A	RCRA-SQG	Higher	1275, 0.241, SE
AF148	CON EDISON	103-04 LIBERTY AVE F	NY Spills, NY MANIFEST	Lower	1282, 0.243, SE
AF149	CON ED	103-04 LIBERTY AVE	NY MANIFEST	Lower	1282, 0.243, SE
AF150	CON EDISON	103-04 LIBERTY AVE	NJ MANIFEST	Lower	1282, 0.243, SE
AF151	CON EDISON SERVICE B	103-04 LIBERTY AVE F	RCRA NonGen / NLR, FINDS	Lower	1282, 0.243, SE
AF152	CON EDISON	103-04 LIBERTY AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1282, 0.243, SE
AG153	CON EDISON SERVICE B	97-45 WOODHAVEN BLVD	RCRA NonGen / NLR	Higher	1284, 0.243, West
AG154	CON EDISON	97-45 WOODHAVEN BLVD	NY MANIFEST	Higher	1284, 0.243, West
AG155	CON EDISON SERVICE B	97-45 WOODHAVEN BLVD	RCRA NonGen / NLR	Higher	1284, 0.243, West
AG156	CON EDISON	97-45 WOODHAVEN BLVD	NY MANIFEST	Higher	1284, 0.243, West

MAPPED SITES SUMMARY

Target Property Address:
10121 101 STREET
OZONE PARK, NY 11416

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
157	VITA FORE PRODUCTS C	95-07 98TH ST	NY MANIFEST	Lower	1312, 0.248, NW
158	CLOSED-LACKOF RECENT	98-21 ROCKAWAY BLVD	NY LTANKS	Lower	1383, 0.262, South
AH159	AMOCO GAS STATION	97-09 ROCKAWAY BLVD	NY LTANKS	Lower	1448, 0.274, South
AH160	AMOCO STATION	97-02 ROCKAWAY BLVD	NY LTANKS	Lower	1448, 0.274, South
161	103-16 107TH ST	103-16 107TH ST	NY LTANKS	Higher	1504, 0.285, East
AI162	LIBERTY HEAT TREATIN	100-15 94TH AVE.	NY HSWDS	Higher	1584, 0.300, NNW
163	HARIEAT HOME	101 -22 94TH STREET	NY LTANKS	Lower	1620, 0.307, WSW
AI164	LIBERTY HEAT TREATIN	100-15 94TH AVE	SEMS-ARCHIVE, RCRA NonGen / NLR	Higher	1629, 0.309, NNW
165	PREVETE BROS INC	97-30 ATLANTIC AVE	NY SWF/LF, RCRA NonGen / NLR, FINDS, ECHO, NY...	Higher	1711, 0.324, NW
166	JOHN'S CLEANERS	10220 ATLANTIC AVENU	NY SHWS	Higher	1759, 0.333, North
167	104-09 ATLANTIC AVE/	104009 ATLANTIC AVE	NY LTANKS	Higher	1970, 0.373, North
168	104-13 93RD AVENUE	104013 93RD AVENUE	NY LTANKS	Higher	2262, 0.428, North
169	91-21 ROCKAWAY	91-21 ROCKAWAY BLVD	NY LTANKS	Lower	2280, 0.432, WSW
170	93-02 ATLANTIC AVE/S	93-02 ATLANTIC AVE	NY LTANKS, NY Spills	Higher	2425, 0.459, WNW
171	SAINT SANTISLAUS CHU	90-01 101ST AVE.	NY LTANKS	Lower	2550, 0.483, WSW
172	108-01 ATLANTIC AV/Q	108-01 ATLANTIC AVE	NY LTANKS, NY Spills	Higher	2623, 0.497, NNE
173	PUBLIC SCHOOL 60/62Q	91-02 88 AVENUE	NY SHWS	Higher	4115, 0.779, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
CON EDISON 101-21 101ST ST QUEENS, NY 11419	NY MANIFEST EPA ID: NYP004778899	N/A

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/26/2023 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>LIBERTY HEAT TREATIN</i> Site ID: 0203098 EPA Id: NYD053169694	<i>100-15 94TH AVE</i>	<i>NNW 1/4 - 1/2 (0.309 mi.)</i>	<i>AI164</i>	<i>46</i>

Lists of Federal RCRA generators

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are 3 RCRA-SQG sites within approximately 0 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>METROPOLITAN GARMENT</i> EPA ID:: NYR000064907	<i>101-20 101ST STREET</i>	<i>WNW 0 - 1/8 (0.016 mi.)</i>	<i>A7</i>	<i>9</i>
MTA NYCT 104TH STREE	104TH ST & LIBERTY A	SE 1/8 - 1/4 (0.241 mi.)	AE147	42

EXECUTIVE SUMMARY

EPA ID:: NYR000206979

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MTA NYCT - LIBERTY A EPA ID:: NYR000233452	97-24 LIBERTY AVE	S 1/8 - 1/4 (0.236 mi.)	AD138	40

RCRA-VSQG: A review of the RCRA-VSQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are 3 RCRA-VSQG sites within approximately 0 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WORKSMAN TRADING COR EPA ID:: NYR000079020	95-15 100TH ST	NNW 1/8 - 1/4 (0.222 mi.)	AB121	36
SON OF SUPERSTAR INC EPA ID:: NYD982727323	95-20 98TH ST	NW 1/8 - 1/4 (0.228 mi.)	X129	38
CVS PHARMACY #2719 EPA ID:: NYR000197244	97-01 LIBERTY AVE	SSW 1/8 - 1/4 (0.232 mi.)	AD136	40

Lists of state- and tribal hazardous waste facilities

NY SHWS: A review of the NY SHWS list, as provided by EDR, and dated 02/06/2023 has revealed that there are 3 NY SHWS sites within approximately 1 of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OZONE INDUSTRIES Site Code: 58595 Class Code: Significant threat to the public health or environment - action required.	100TH ST. BETWEEN 10	SW 0 - 1/8 (0.004 mi.)	A2	8
JOHN'S CLEANERS Site Code: 384283	10220 ATLANTIC AVENU	N 1/4 - 1/2 (0.333 mi.)	166	47
PUBLIC SCHOOL 60/62Q Site Code: 338776	91-02 88 AVENUE	NW 1/2 - 1 (0.779 mi.)	173	49

Lists of state and tribal landfills and solid waste disposal facilities

NY SWF/LF: A review of the NY SWF/LF list, as provided by EDR, and dated 12/21/2022 has revealed that there is 1 NY SWF/LF site within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PREVETE BROS INC	97-30 ATLANTIC AVE	NW 1/4 - 1/2 (0.324 mi.)	165	46

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

NY LTANKS: A review of the NY LTANKS list, as provided by EDR, and dated 02/06/2023 has revealed that there are 18 NY LTANKS sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
101-32 101ST ST./OZO Spill Number/Closed Date: 8704844 / 1993-11-04 Spill Number/Closed Date: 8704883 / 1992-10-07 Site ID: 273946 Site ID: 273947 Spill Date: 1987-09-10 Spill Date: 1987-09-11	101-32 101ST ST.	WSW 0 - 1/8 (0.020 mi.)	A8	10
103RD ST & 103RD AVE Spill Number/Closed Date: 8910300 / 1992-12-08 Site ID: 288689 Spill Date: 1990-01-26	103RD ST & 103RD AVE	ESE 0 - 1/8 (0.082 mi.)	F28	14
103-12 101ST AVE./ST Spill Number/Closed Date: 8706124 / 1993-03-17 Spill Number/Closed Date: 8803832 / 1993-03-17 Site ID: 297730 Site ID: 172122 Spill Date: 1987-10-20 Spill Date: 1988-08-01	103-12 101ST. AVE.	NNE 0 - 1/8 (0.085 mi.)	G29	15
103-10 103RD ST Spill Number/Closed Date: 9412058 / 2003-02-28 Site ID: 246336 Spill Date: 1994-12-07	103-10 103RD ST	SE 0 - 1/8 (0.095 mi.)	F36	16
97-10 103TH ST Spill Number/Closed Date: 9315573 / 1993-05-24 Site ID: 133869 Spill Date: 1993-05-23	97-10 103TH ST	N 1/8 - 1/4 (0.149 mi.)	R68	24
103-16 107TH ST Spill Number/Closed Date: 9507137 / 1995-09-12 Site ID: 181365 Spill Date: 1995-09-12	103-16 107TH ST	E 1/4 - 1/2 (0.285 mi.)	161	45
104-09 ATLANTIC AVE/ Spill Number/Closed Date: 8708559 / 2003-03-18 Site ID: 281820 Spill Date: 1988-01-06	104009 ATLANTIC AVE	N 1/4 - 1/2 (0.373 mi.)	167	47
104-13 93RD AVENUE Spill Number/Closed Date: 9413451 / 2003-02-18 Site ID: 188255 Spill Date: 1995-01-09	104013 93RD AVENUE	N 1/4 - 1/2 (0.428 mi.)	168	47
93-02 ATLANTIC AVE/S Spill Number/Closed Date: 8707719 / 1987-12-08 Spill Number/Closed Date: 9103223 / 1992-06-26 Site ID: 144624 Site ID: 140827 Spill Date: 1987-12-08	93-02 ATLANTIC AVE	WNW 1/4 - 1/2 (0.459 mi.)	170	48

EXECUTIVE SUMMARY

Spill Date: 1991-06-20

108-01 ATLANTIC AV/Q	108-01 ATLANTIC AVE	NNE 1/4 - 1/2 (0.497 mi.)	172	48
Spill Number/Closed Date: 8708713 / 1992-09-25				
Site ID: 80198				
Spill Date: 1988-01-12				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONSTRUCTION SITE Spill Number/Closed Date: 0413103 / 2005-06-07 Site ID: 338946 Spill Date: 2005-03-16	101-09 103RD AVE	SSE 0 - 1/8 (0.031 mi.)	C12	11
106 PRECINCT NYPD -D Spill Number/Closed Date: 0012662 / 2016-03-22 Site ID: 111958 Spill Date: 2001-02-27	103-55 101ST STREET	SSE 1/8 - 1/4 (0.150 mi.)	Q69	24
CLOSED-LACKOF RECENT Spill Number/Closed Date: 9002397 / 2003-03-04 Site ID: 182100 Spill Date: 1990-05-31	98-21 ROCKAWAY BLVD	S 1/4 - 1/2 (0.262 mi.)	158	45
AMOCO GAS STATION Spill Number/Closed Date: 0303304 / 2003-06-30 Site ID: 137469 Spill Date: 2003-06-28	97-09 ROCKAWAY BLVD	S 1/4 - 1/2 (0.274 mi.)	AH159	45
AMOCO STATION Spill Number/Closed Date: 9809619 / 1998-11-06 Site ID: 224197 Spill Date: 1998-10-30	97-02 ROCKAWAY BLVD	S 1/4 - 1/2 (0.274 mi.)	AH160	45
HARIEAT HOME Spill Number/Closed Date: 0513664 / 2006-03-07 Site ID: 360166 Spill Date: 2006-02-27	101 -22 94TH STREET	WSW 1/4 - 1/2 (0.307 mi.)	163	46
91-21 ROCKAWAY Spill Number/Closed Date: 9208482 / 1992-11-16 Site ID: 312231 Spill Date: 1992-10-22	91-21 ROCKAWAY BLVD	WSW 1/4 - 1/2 (0.432 mi.)	169	47
SAINT SANTISLAUS CHU Spill Number/Closed Date: 0406589 / 2006-07-17 Site ID: 212266 Spill Date: 2004-09-14	90-01 101ST AVE.	WSW 1/4 - 1/2 (0.483 mi.)	171	48

Lists of state and tribal registered storage tanks

NY UST: A review of the NY UST list, as provided by EDR, has revealed that there are 9 NY UST sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OZONE INDUSTRIES_INC Database: UST, Date of Government Version: 12/19/2022	101-32 101ST STREET	WSW 0 - 1/8 (0.016 mi.)	A4	9

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JACMOR TRANSPORATION Database: UST, Date of Government Version: 12/19/2022	97-26 99TH STREET	NW 1/8 - 1/4 (0.132 mi.)	O57	21
RELIABLE A & G FUELS Database: UST, Date of Government Version: 12/19/2022	101-10-08 97TH AVE	N 1/8 - 1/4 (0.159 mi.)	R83	27
KAM THERMAL EQUIPLME Database: UST, Date of Government Version: 12/19/2022	98-21 97TH ST	WNW 1/8 - 1/4 (0.176 mi.)	V89	29

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAFEGUARD SELF STORA Database: UST, Date of Government Version: 12/19/2022	101-09 103RD AVENUE	SSE 0 - 1/8 (0.031 mi.)	C13	11
M&M REALTY Database: UST, Date of Government Version: 12/19/2022	103-15 101 ST	SSE 0 - 1/8 (0.080 mi.)	C27	14
THE VOGES MFG. COMPA Database: UST, Date of Government Version: 12/19/2022	103-11 98TH STREET	SSW 0 - 1/8 (0.123 mi.)	K49	19
106TH PCT Database: UST, Date of Government Version: 12/19/2022	103-55 101ST STREET	SSE 1/8 - 1/4 (0.150 mi.)	Q71	25
QUEENS FARMS DAIRY I Database: UST, Date of Government Version: 12/19/2022	103-45 98TH ST	S 1/8 - 1/4 (0.184 mi.)	U96	30

NY CBS UST: A review of the NY CBS UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY CBS UST site within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OZONE INDUSTRIES Facility Status: 3 Id/Status: 2-000073 Tank Status: 2	101-32 101ST ST	WSW 0 - 1/8 (0.016 mi.)	A3	8

NY CBS: A review of the NY CBS list, as provided by EDR, and dated 12/19/2022 has revealed that there is 1 NY CBS site within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OZONE INDUSTRIES Facility Status: Unregulated/Closed CBS Number: 2-000073	101-32 101ST ST	WSW 0 - 1/8 (0.016 mi.)	A3	8

NY AST: A review of the NY AST list, as provided by EDR, has revealed that there are 18 NY AST sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OZONE INDUSTRIES Database: AST, Date of Government Version: 12/19/2022	101-32 101ST ST	WSW 0 - 1/8 (0.016 mi.)	A3	8

EXECUTIVE SUMMARY

Facility Id: 2-000073				
(GARAGE) O. Z. QUIC	97-33 100TH STREET	NW 0 - 1/8 (0.097 mi.)	H38	17
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-602623				
JACMOR TRANSPORTATION	97-26 99TH STREET	NW 1/8 - 1/4 (0.132 mi.)	O57	21
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-083275				
C + C AUTO WORKS, IN	97-08 101ST STREET	NNW 1/8 - 1/4 (0.147 mi.)	M62	22
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-610147				
99-09 95TH STREET	99-09 95TH STREET	WNW 1/8 - 1/4 (0.192 mi.)	V98	31
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-612264				
PROVVISIERO BROTHERS	105-17 101ST AVENUE	NE 1/8 - 1/4 (0.210 mi.)	Y107	33
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-613136				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAR HAVEN 99 CORP	103-24 99TH ST	S 0 - 1/8 (0.124 mi.)	J51	20
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-608040				
ENGINE 285 / LADDER	103-17 98TH STREET	SSW 0 - 1/8 (0.125 mi.)	K52	20
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-358215				
97-05 103 AVE	97-05 103 AVE	SW 1/8 - 1/4 (0.138 mi.)	K60	22
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-081108				
106TH PCT	103-55 101ST STREET	SSE 1/8 - 1/4 (0.150 mi.)	Q70	24
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-217557				
103-35 97 STREET	103-35 97 STREET	SSW 1/8 - 1/4 (0.181 mi.)	S92	29
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-361402				
J & SONS AUTO REPAIR	103-55 99TH STREET	S 1/8 - 1/4 (0.184 mi.)	U93	30
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-611199				
JOHNNYS AUTO REPAIRS	103-55 99TH STREET	S 1/8 - 1/4 (0.184 mi.)	U94	30
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-610612				
103-45-97 STREET	103-45 97 STREET	SSW 1/8 - 1/4 (0.192 mi.)	S99	31
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-361399				
DOM CORP C/O ZBIGNIE	101-43 95TH STREET	WSW 1/8 - 1/4 (0.194 mi.)	100	31
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-282049				
103-55 97TH STREET	103-55 97TH STREET	SSW 1/8 - 1/4 (0.206 mi.)	S104	32
Database: AST, Date of Government Version: 12/19/2022				
Facility Id: 2-365564				
AMIGO COLLISION & ME	100-10 LIBERTY AVE	SSE 1/8 - 1/4 (0.221 mi.)	119	36
Database: AST, Date of Government Version: 12/19/2022				

EXECUTIVE SUMMARY

Facility Id: 2-607276
99TH ST. QUICK LUBE 104-23 99TH STREET S 1/8 - 1/4 (0.222 mi.) U120 36
Database: AST, Date of Government Version: 12/19/2022
Facility Id: 2-611618

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A review of the US BROWNFIELDS list, as provided by EDR, and dated 04/06/2023 has revealed that there is 1 US BROWNFIELDS site within approximately 1 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
103-154 99TH STREET ACRES property ID: 151022	103-154 99TH STREET	S 1/8 - 1/4 (0.136 mi.)	J59	22

Records of Emergency Release Reports

NY Spills: A review of the NY Spills list, as provided by EDR, and dated 02/06/2023 has revealed that there are 11 NY Spills sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OZONE INDUSTRIES Spill Number/Closed Date: 9809441 / 2000-03-21 Site ID: 137558 Spill Date: 1998-04-18	101-32 101ST ST	WSW 0 - 1/8 (0.016 mi.)	A3	8
GARAGE Spill Number/Closed Date: 0107664 / 2003-10-10 Site ID: 331447 Spill Date: 2001-10-26	100TH ST & 101ST AVE	NW 0 - 1/8 (0.053 mi.)	D18	12
MANHOLE 24851 Spill Number/Closed Date: 9904717 / 1999-07-26 Site ID: 63122 Spill Date: 1999-07-20	101 AV & 100 ST	NW 0 - 1/8 (0.053 mi.)	D19	12
DRUM RUN Spill Number/Closed Date: 1112041 / 2012-02-02 Site ID: 459965 Spill Date: 2012-01-15	97-38 101ST STREET	NNW 0 - 1/8 (0.092 mi.)	H33	16
99TH STREET Spill Number/Closed Date: 0600484 / 2006-05-01 Site ID: 362481 Spill Date: 2006-04-12	97-36 99TH STREET	NW 0 - 1/8 (0.113 mi.)	H43	18
TM 5792 Spill Number/Closed Date: 9911386 / 2002-03-28	104TH ST & 101ST AVE	NE 0 - 1/8 (0.125 mi.)	G53	20

EXECUTIVE SUMMARY

Site ID: 97993
 Spill Date: 1999-12-29
 212041; 104 ST AND 1 104 ST AND 101 AVE NE 0 - 1/8 (0.125 mi.) G54 21
 Spill Number/Closed Date: 0814236 / 2008-07-10
 Site ID: 432440
 Spill Date: 2008-06-20

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SPILL NUMBER 0205794 Spill Number/Closed Date: 0205794 / 2003-04-22 Site ID: 86190 Spill Date: 2002-09-04	100TH ST & 103RD AVE	S 0 - 1/8 (0.056 mi.)	C22	13
101-70 99TH STREET Spill Number/Closed Date: 9311105 / 1994-04-25 Site ID: 125477 Spill Date: 1993-12-14	101-70 99TH STREET	SSW 0 - 1/8 (0.067 mi.)	E26	14
PUBLIC SCHOOL #65 Spill Number/Closed Date: 9706565 / 2003-02-13 Site ID: 157519 Spill Date: 1997-09-02	103-22 99TH ST	SSW 0 - 1/8 (0.108 mi.)	J39	17
VS9227 Spill Number/Closed Date: 0405736 / 2004-08-26 Site ID: 268807 Spill Date: 2004-08-25	98TH ST. AND 103RD A	SW 0 - 1/8 (0.110 mi.)	K40	17

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 56 RCRA NonGen / NLR sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OZONE INDUSTRIES EPA ID:: NYD044689818	101-32 101ST ST	WSW 0 - 1/8 (0.016 mi.)	A3	8
CON EDISON EPA ID:: NYP004880668	101-55 100TH ST	WNW 0 - 1/8 (0.026 mi.)	A9	10
CON EDISON SERVICE B EPA ID:: NYP004521332	100-08 101ST AVE	NW 0 - 1/8 (0.033 mi.)	D14	11
NYCDEP EPA ID:: NYP003663879	100TH ST & 101ST AVE	NW 0 - 1/8 (0.054 mi.)	D20	13
CON EDISON SERVICE B EPA ID:: NYP004494308	101-04 103RD ST	NE 0 - 1/8 (0.063 mi.)	B23	13
CON EDISON SERVICE B EPA ID:: NYP004494290	97-41 100TH ST	NW 0 - 1/8 (0.086 mi.)	H31	15
CON EDISON SERVICE B EPA ID:: NYP004486924	98-11 101ST AVE	WNW 0 - 1/8 (0.094 mi.)	I34	16
CON EDISON	101-36 98TH ST	WSW 0 - 1/8 (0.113 mi.)	L45	18

EXECUTIVE SUMMARY

EPA ID:: NYP004800934				
SAL & SON INC	97-21 101ST ST	NNW 0 - 1/8 (0.120 mi.)	M48	19
EPA ID:: NYD982727356				
CON EDISON SERVICE B	97-44 104TH ST FRONT	NNE 1/8 - 1/4 (0.132 mi.)	N55	21
EPA ID:: NYP004494274				
CON EDISON SERVICE B	98TH ST & 99TH AVE	WNW 1/8 - 1/4 (0.147 mi.)	O63	22
EPA ID:: NYP004443339				
SUPERSTAR AUTO COLLI	97-07 100TH ST	NNW 1/8 - 1/4 (0.148 mi.)	M65	23
EPA ID:: NYD986950830				
CON EDISON SERVICE B	97-07 100TH ST	NNW 1/8 - 1/4 (0.148 mi.)	M66	23
EPA ID:: NYP004494282				
CON EDISON	101-08 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M76	26
EPA ID:: NYP004788063				
CON EDISON	101-08 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M77	26
EPA ID:: NYP004788071				
CON EDISON SERVICE B	101-04 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M79	26
EPA ID:: NYP004552063				
CON EDISON SERVICE B	101-04 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M81	27
EPA ID:: NYP004552055				
REMEDY REMOVAL INC	103-21 104TH ST	ESE 1/8 - 1/4 (0.159 mi.)	P82	27
EPA ID:: NYD982725210				
CON EDISON SERVICE B	97-16 104TH ST	NNE 1/8 - 1/4 (0.166 mi.)	N86	28
EPA ID:: NYP004455481				
NYCDEP	97TH AVE & 100 ST	NNW 1/8 - 1/4 (0.168 mi.)	T87	28
EPA ID:: NYP003663234				
CON EDISON SERVICE B	101-03 97TH AVE FRON	NNW 1/8 - 1/4 (0.178 mi.)	T90	29
EPA ID:: NYP004413076				
CON EDISON SERVICE B	105-12 101ST AVE	NE 1/8 - 1/4 (0.203 mi.)	Y101	31
EPA ID:: NYP004462453				
CON EDISON SERVICE B	104-06 97TH AVE	NNE 1/8 - 1/4 (0.204 mi.)	102	32
EPA ID:: NYP004452942				
PROVVISIERO BROS COR	10517 101ST AVE	NE 1/8 - 1/4 (0.210 mi.)	Y106	33
EPA ID:: NYD982726796				
CON EDISON SERVICE B	105-17 103RD AVE FRO	E 1/8 - 1/4 (0.212 mi.)	W111	34
EPA ID:: NYP004494324				
CON EDISON SERVICE B	95-14 100TH ST FRONT	NNW 1/8 - 1/4 (0.220 mi.)	AB117	35
EPA ID:: NYP004448486				
CON EDISON SERVICE B	95-16 100TH ST FRONT	NNW 1/8 - 1/4 (0.220 mi.)	AB118	35
EPA ID:: NYP004448445				
CON EDISON SERVICE B	95-14 102ND ST	NNW 1/8 - 1/4 (0.224 mi.)	AC124	37
EPA ID:: NYP004552071				
CON EDISON SERVICE B	95-22 104TH ST	N 1/8 - 1/4 (0.231 mi.)	131	38
EPA ID:: NYP004452959				
ROMA CLEANERS CORP	104-07 LIBERTY AVE	SE 1/8 - 1/4 (0.238 mi.)	AE140	40
EPA ID:: NYD986890283				
CON EDISON SERVICE B	104-09 LIBERTY AVE F	SE 1/8 - 1/4 (0.239 mi.)	AE142	41

EXECUTIVE SUMMARY

EPA ID:: NYP004492559				
CON EDISON SERVICE B EPA ID:: NYP004544730	97-45 WOODHAVEN BLVD	W 1/8 - 1/4 (0.243 mi.)	AG153	44
CON EDISON SERVICE B EPA ID:: NYP004543898	97-45 WOODHAVEN BLVD	W 1/8 - 1/4 (0.243 mi.)	AG155	44

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OZONE INDUSTRIES FOR EPA ID:: NYR000203505	101-35 99TH ST	SW 0 - 1/8 (0.050 mi.)	E16	11
CON EDISON EPA ID:: NYP004730404	31-10 103RD ST & 102	SE 0 - 1/8 (0.051 mi.)	C17	12
CON EDISON SERVICE B EPA ID:: NYP004550372	101-42 98TH ST	WSW 0 - 1/8 (0.113 mi.)	L42	17
MAIN LINE AUTO COLLI EPA ID:: NYD986951044	103-32 101ST ST	S 0 - 1/8 (0.114 mi.)	J47	19
VOGUES MFG CO INC EPA ID:: NYD001213826	103-11 98TH ST	SSW 0 - 1/8 (0.123 mi.)	K50	20
NYCDEP EPA ID:: NYP003664042	103-53 101ST ST	SSE 1/8 - 1/4 (0.148 mi.)	Q64	23
CON EDISON SERVICE B EPA ID:: NYP004422390	103-32 98TH ST FRONT	SSW 1/8 - 1/4 (0.159 mi.)	S84	28
QUEENS FARMS DAIRY EPA ID:: NYR000012351	103-45 98TH ST	S 1/8 - 1/4 (0.184 mi.)	U95	30
CON EDISON SERVICE B EPA ID:: NYP004450284	98-07 97TH AVE	NW 1/8 - 1/4 (0.192 mi.)	X97	31
CON EDISON EPA ID:: NYP004196218	LIBERTY AVE & 99TH S	S 1/8 - 1/4 (0.212 mi.)	U110	34
CON EDISON SERVICE B EPA ID:: NYP004507869	LIBERTY AVE & 102ND	SSE 1/8 - 1/4 (0.215 mi.)	Z113	34
NYCDEP EPA ID:: NYP003662624	97TH AVE & 97TH ST	WNW 1/8 - 1/4 (0.217 mi.)	AA115	35
CON EDISON SERVICE B EPA ID:: NYP004437356	95-36 97TH AVE	WNW 1/8 - 1/4 (0.218 mi.)	AA116	35
CON EDISON - TM 5884 EPA ID:: NYP004108312	98TH ST & LIBERTY	S 1/8 - 1/4 (0.223 mi.)	AD123	36
CON EDISON SERVICE B EPA ID:: NYP004422408	101-12 LIBERTY AVE F	SSE 1/8 - 1/4 (0.224 mi.)	Z126	37
CON EDISON SERVICE B EPA ID:: NYP004507919	101-12 LIBERTY AVE	SSE 1/8 - 1/4 (0.224 mi.)	Z127	37
CON EDISON SERVICE B EPA ID:: NYP004437315	95-18 97TH AVE	WNW 1/8 - 1/4 (0.230 mi.)	AA130	38
CON EDISON SERVICE B EPA ID:: NYP004462339	95-39 97TH AVE FRONT	WNW 1/8 - 1/4 (0.231 mi.)	AA132	39
CON EDISON SERVICE B EPA ID:: NYP004421806	102-08 LIBERTY AVE F	SSE 1/8 - 1/4 (0.231 mi.)	Z133	39
CON EDISON SERVICE B	95-16 97TH AVE	WNW 1/8 - 1/4 (0.236 mi.)	AA137	40

EXECUTIVE SUMMARY

EPA ID: NYP004494308				
NYCDEP	99TH ST BTW 97TH AVE	WNW 0 - 1/8 (0.066 mi.)	D25	14
EPA ID: NYP003661832				
CON EDISON	97-41 100TH ST	NW 0 - 1/8 (0.086 mi.)	H30	15
EPA ID: NYP004494290				
CON ED	98-11 101ST AVE	WNW 0 - 1/8 (0.094 mi.)	I35	16
EPA ID: NYP004486924				
CON EDISON	101-36 98TH ST	WSW 0 - 1/8 (0.113 mi.)	L46	18
EPA ID: NYP004800934				
SAL & SON INC	97-21 101ST ST	NNW 0 - 1/8 (0.120 mi.)	M48	19
EPA ID: NYD982727356				
CON EDISON	97-44 104TH ST FRONT	NNE 1/8 - 1/4 (0.132 mi.)	N56	21
EPA ID: NYP004494274				
CON ED	103-16 104 ST	ESE 1/8 - 1/4 (0.134 mi.)	P58	21
EPA ID: NYP004674156				
CON EDISON	104-05 101 AVE	NE 1/8 - 1/4 (0.146 mi.)	N61	22
EPA ID: NYP004499786				
CON EDISON SERVICE B	98TH ST & 99TH AVE	WNW 1/8 - 1/4 (0.147 mi.)	O63	22
EPA ID: NYP004443339				
SUPERSTAR AUTO COLLI	97-07 100TH ST	NNW 1/8 - 1/4 (0.148 mi.)	M65	23
EPA ID: NYD986950830				
CON EDISON	97-07 100TH ST	NNW 1/8 - 1/4 (0.148 mi.)	M67	24
EPA ID: NYP004494282				
CON EDISON	101-08 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M72	25
EPA ID: NYP004788063				
CON EDISON	101-08 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M74	25
EPA ID: NYP004788071				
CON EDISON	101-04 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M78	26
EPA ID: NYP004552055				
CON EDISON	101-04 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M80	27
EPA ID: NYP004552063				
CON EDISON SERVICE B	97-16 104TH ST	NNE 1/8 - 1/4 (0.166 mi.)	N86	28
EPA ID: NYP004455481				
NYCDEP	97TH AVE & 100 ST	NNW 1/8 - 1/4 (0.168 mi.)	T87	28
EPA ID: NYP003663234				
CON EDISON SERVICE B	101-03 97TH AVE FRON	NNW 1/8 - 1/4 (0.178 mi.)	T90	29
EPA ID: NYP004413076				
CON EDISON	105-01 103 AVE FRNT	E 1/8 - 1/4 (0.179 mi.)	W91	29
EPA ID: NYP004502324				
CON EDISON SERVICE B	105-12 101ST AVE	NE 1/8 - 1/4 (0.203 mi.)	Y101	31
EPA ID: NYP004462453				
CON EDISON SERVICE B	104-06 97TH AVE	NNE 1/8 - 1/4 (0.204 mi.)	102	32
EPA ID: NYP004452942				
CON EDISON	105-15 103RD AVE FRO	E 1/8 - 1/4 (0.206 mi.)	W103	32
EPA ID: NYP004531950				
CON EDISON	105-15 103 AVE	E 1/8 - 1/4 (0.208 mi.)	W105	32

EXECUTIVE SUMMARY

EPA ID: NYP004604260				
PROVVISIERO BROTHERS EPA ID: NYD982726796	10517 101ST AVE	NE 1/8 - 1/4 (0.210 mi.)	Y108	33
CON EDISON EPA ID: NYP004494321	105-17 103 AVE	E 1/8 - 1/4 (0.211 mi.)	W109	33
CON EDISON SERVICE B EPA ID: NYP004448486	95-14 100TH ST FRONT	NNW 1/8 - 1/4 (0.220 mi.)	AB117	35
CON EDISON SERVICE B EPA ID: NYP004448445	95-16 100TH ST FRONT	NNW 1/8 - 1/4 (0.220 mi.)	AB118	35
CON EDISON EPA ID: NYP004562861	95-14 102 ST	NNW 1/8 - 1/4 (0.223 mi.)	AC122	36
CON EDISON EPA ID: NYP004497616	101-36 106 ST	ENE 1/8 - 1/4 (0.226 mi.)	128	38
CON EDISON EPA ID: NYP004492599	104-09 LIBERTY AVE	SE 1/8 - 1/4 (0.236 mi.)	AE139	40
CON EDISON EPA ID: NYP004492559	104-09 LIBERTY AVE F	SE 1/8 - 1/4 (0.239 mi.)	AE141	41
CON EDISON - MANHOLE EPA ID: NYP005002829	104TH AVE & LIBERTY	SE 1/8 - 1/4 (0.241 mi.)	AE145	42
MTA NYCT - 104TH STR EPA ID: NYR000206979	104TH ST & LIBERTY A	SE 1/8 - 1/4 (0.241 mi.)	AE146	42
CON EDISON EPA ID: NYP004543898	97-45 WOODHAVEN BLVD	W 1/8 - 1/4 (0.243 mi.)	AG154	44
CON EDISON EPA ID: NYP004544730	97-45 WOODHAVEN BLVD	W 1/8 - 1/4 (0.243 mi.)	AG156	44
Lower Elevation	Address	Direction / Distance	Map ID	Page
OZONE INDUSTRIES FOR EPA ID: NYR000203505	101-35 99TH ST	SW 0 - 1/8 (0.050 mi.)	E16	11
CON EDISON EPA ID: NYP004550372	101-42 98TH ST	WSW 0 - 1/8 (0.113 mi.)	L41	17
NYCDEP EPA ID: NYP003664042	103-53 101ST ST	SSE 1/8 - 1/4 (0.148 mi.)	Q64	23
CON EDISON SERVICE B EPA ID: NYP004422390	103-32 98TH ST FRONT	SSW 1/8 - 1/4 (0.159 mi.)	S84	28
CON EDISON EPA ID: NYP004581310	103-36 98 ST FRNT	SSW 1/8 - 1/4 (0.162 mi.)	S85	28
CON EDISON EPA ID: NYP004685848	103-45 99 ST FRNT	S 1/8 - 1/4 (0.175 mi.)	U88	29
QUEENS FARMS DAIRY EPA ID: NYR000012351	103-45 98TH ST	S 1/8 - 1/4 (0.184 mi.)	U95	30
CON EDISON SERVICE B EPA ID: NYP004450284	98-07 97TH AVE	NW 1/8 - 1/4 (0.192 mi.)	X97	31
CON EDISON EPA ID: NYP004196218	LIBERTY AVE & 99TH S	S 1/8 - 1/4 (0.212 mi.)	U110	34
CON EDISON	LIBERTY AVE & 102ND	SSE 1/8 - 1/4 (0.215 mi.)	Z112	34

EXECUTIVE SUMMARY

EPA ID: NYP004507869				
NYCDEP	97TH AVE & 97TH ST	WNW 1/8 - 1/4 (0.217 mi.)	AA114	34
EPA ID: NYP003662624				
CON EDISON SERVICE B	95-36 97TH AVE	WNW 1/8 - 1/4 (0.218 mi.)	AA116	35
EPA ID: NYP004437356				
WORKSMAN TRADING COR	95-15 100TH ST	NNW 1/8 - 1/4 (0.222 mi.)	AB121	36
EPA ID: NYR000079020				
CON EDISON - TM 5884	98TH ST & LIBERTY	S 1/8 - 1/4 (0.223 mi.)	AD123	36
EPA ID: NYP004108312				
CON EDISON	101-12 LIBERTY AVE	SSE 1/8 - 1/4 (0.224 mi.)	Z125	37
EPA ID: NYP004507919				
CON EDISON SERVICE B	101-12 LIBERTY AVE F	SSE 1/8 - 1/4 (0.224 mi.)	Z126	37
EPA ID: NYP004422408				
SON OF SUPERSTAR INC	95-20 98TH ST	NW 1/8 - 1/4 (0.228 mi.)	X129	38
EPA ID: NYD982727323				
CON EDISON SERVICE B	95-18 97TH AVE	WNW 1/8 - 1/4 (0.230 mi.)	AA130	38
EPA ID: NYP004437315				
CON EDISON SERVICE B	95-39 97TH AVE FRONT	WNW 1/8 - 1/4 (0.231 mi.)	AA132	39
EPA ID: NYP004462339				
CON EDISON SERVICE B	102-08 LIBERTY AVE F	SSE 1/8 - 1/4 (0.231 mi.)	Z133	39
EPA ID: NYP004421806				
CVS PHARMACY #2719	97-01 LIBERTY AVE	SSW 1/8 - 1/4 (0.232 mi.)	AD134	39
EPA ID: NYR000197244				
CON EDISON SERVICE B	95-16 97TH AVE	WNW 1/8 - 1/4 (0.236 mi.)	AA137	40
EPA ID: NYP004437323				
CON EDISON SERVICE B	95-12 97TH AVE	WNW 1/8 - 1/4 (0.241 mi.)	AA143	41
EPA ID: NYP004437331				
CON EDISON	103-04 LIBERTY AVE F	SE 1/8 - 1/4 (0.243 mi.)	AF148	42
EPA ID: NYP004495834				
CON ED	103-04 LIBERTY AVE	SE 1/8 - 1/4 (0.243 mi.)	AF149	43
EPA ID: NYP004834285				
VITA FORE PRODUCTS C	95-07 98TH ST	NW 1/8 - 1/4 (0.248 mi.)	157	44
EPA ID: NYP000921247				

PA MANIFEST: A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there is 1 PA MANIFEST site within approximately 1 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CVS # 02719 Generator EPA Id: NYR000197244	9701 LIBERTY AVE	SSW 1/8 - 1/4 (0.232 mi.)	AD135	39

EXECUTIVE SUMMARY

NJ MANIFEST: A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 7 NJ MANIFEST sites within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON EPA Id: NYP004880668	101-55 100TH ST	WNW 0 - 1/8 (0.026 mi.)	A10	10
CON EDISON EPA Id: NYP004800934	101-36 98TH ST	WSW 0 - 1/8 (0.113 mi.)	L44	18
CON EDISON EPA Id: NYP004788071	101-08 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M73	25
CON EDISON EPA Id: NYP004788063	101-08 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M75	25
MTA NYCT - 104TH STR EPA Id: NYR000206979	104TH ST & LIBERTY A	SE 1/8 - 1/4 (0.241 mi.)	AE144	41
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYCDEP EPA Id: NYP003664042	103-53 101ST ST	SSE 1/8 - 1/4 (0.148 mi.)	Q64	23
CON EDISON EPA Id: NYP004834285	103-04 LIBERTY AVE	SE 1/8 - 1/4 (0.243 mi.)	AF150	43

NY VAPOR REOPENED: A review of the NY VAPOR REOPENED list, as provided by EDR, and dated 01/01/2022 has revealed that there is 1 NY VAPOR REOPENED site within approximately 1 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OZONE INDUSTRIES Facility Status: Underway Site Code: 241033	100TH ST. BETWEEN 10	SW 0 - 1/8 (0.004 mi.)	A2	8

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 4 EDR Hist Cleaner sites within approximately 1 miles of the target property.

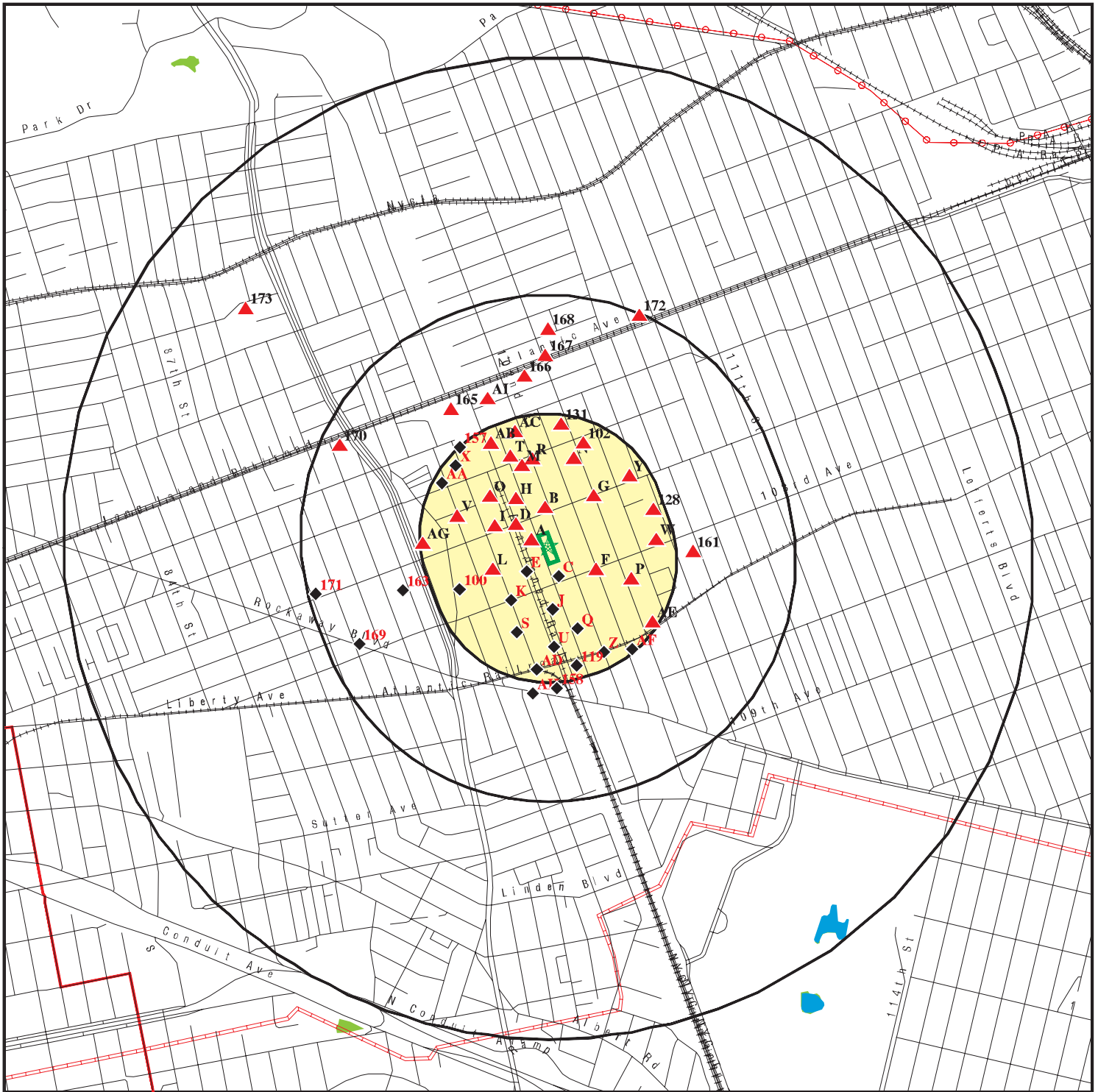
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SUNFLOWER CLEANERS	10120 101ST ST	WNW 0 - 1/8 (0.016 mi.)	A6	9
METROPOLITAN GARMENT	10120 101ST AVE	N 0 - 1/8 (0.029 mi.)	B11	10
CINDYS DRY CLEANERS	9817 101ST AVE	WNW 0 - 1/8 (0.086 mi.)	H32	15
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEOUL MACHINERY INC	10325 100TH ST	S 0 - 1/8 (0.096 mi.)	J37	16

Count: 13 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
JAMAICA	S108467908	CITY REDIMIX	104-17 18TH STREET		NY LTANKS
JAMAICA	1003863862	AIRCRAFT TURBINE SERVICE	129-15 92ND ST	11421	SEMS-ARCHIVE
JAMAICA	S108147064	AIRCRAFT TURBINE SERVICES	129-15 92ND AVE.	11421	NY HSWDS
JAMAICA	S128782150	CROSS BAY CLEANERS	96-05 LIBERTY AVE	11417	NY DRYCLEANERS
OZONE PARK	S128909739	FORMER ADAMS BRUSH MANUFACTURING	94 - 02 104TH STREET	11416	NY VCP
OZONE PARK	S128909736	ADAMS BRUSH, TAX BLOCK 9381; LAND	94 - 02 104TH STREET	11416	NY VCP
OZONE PARK	S110610549	FORMER ADAMS BRUSH MANUFACTURING	94 - 02 104TH STREET	11416	NY SHWS, NY ENG CONTROLS, NY INST CONTROL
OZONE PARK	S100560315	97-10 63RD STREET.	97-10 63RD STREET.		NY LTANKS
QUEENS	S106122264	CEDAR MANOR A08 (LIRR)	158TH STREET AND TRACKS	11418	NY SHWS, NY VCP
QUEENS	1024363955	SPRING CREEK PARK SITE	ATLANTIC OCEAN - SHORE OF JAMA	11414	SEMS, DOCKET HWC
SOUTH OZONE PARK	S129129245	AQUEDUCT RACE TRACK	1100 ROCKAWAY BLVD		NY LTANKS
SOUTH RICHMOND HILL	S128782145	SILVER BRITE CLEANERS	126-01 LIBERTY AVE	11419	NY DRYCLEANERS
SOUTH RICHMOND HILL	S128782138	BRITE CLEANERS	114-05 LIBERTY AVE	11419	NY DRYCLEANERS

OVERVIEW MAP - 7351608.2S



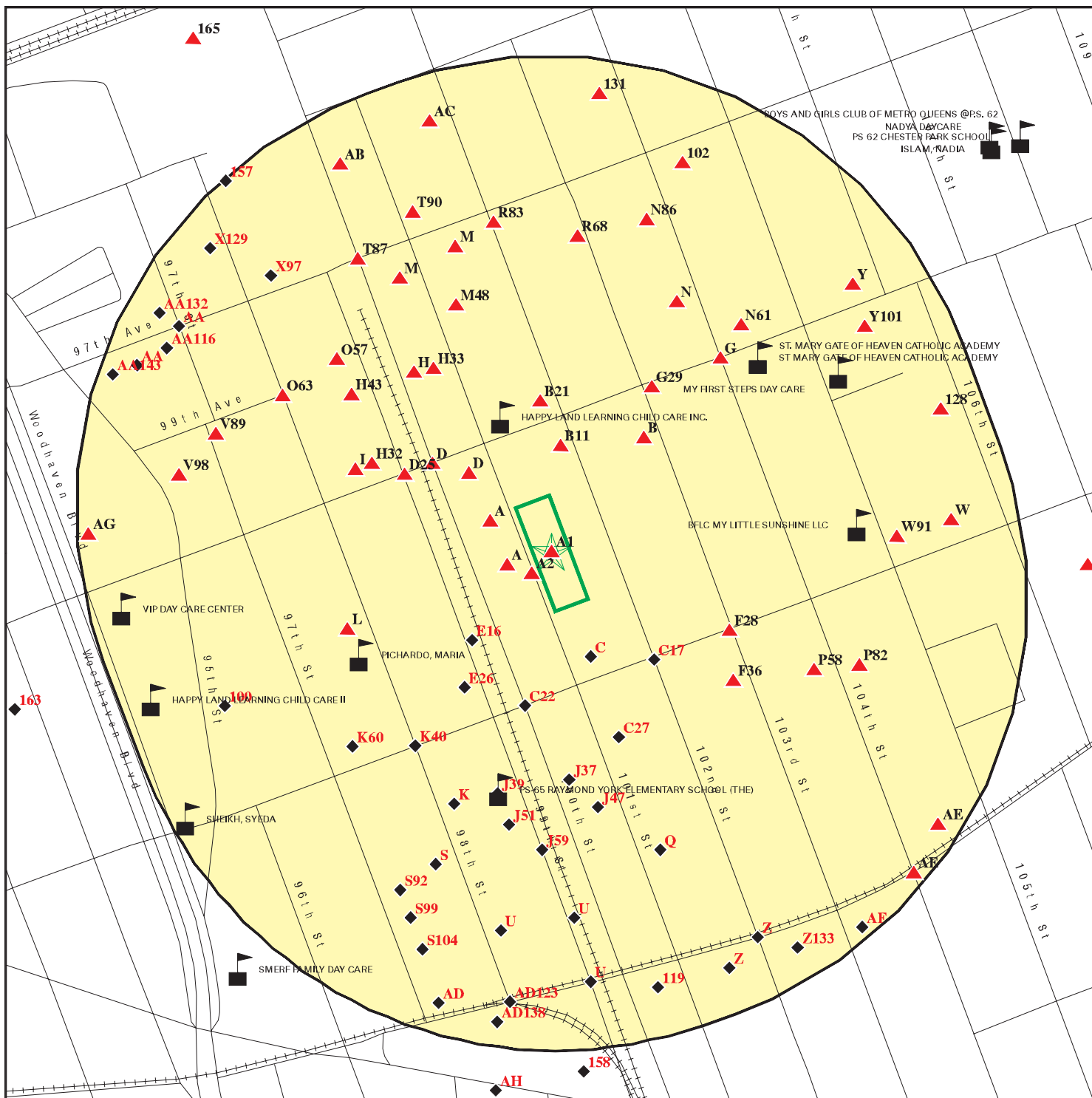
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- National Wetland Inventory
- State Wetlands








This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 10121 101st Street
 ADDRESS: 10121 101 Street
 Ozone Park NY 11416
 LAT/LONG: 40.684634 / 73.84089

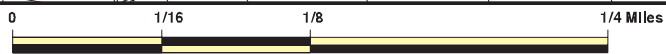
CLIENT: Touchstone Environmental Geology, Corp
 CONTACT: Rachel M Ataman
 INQUIRY #: 7351608.2s
 DATE: May 31, 2023 8:56 pm

DETAIL MAP - 7351608.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

 Indian Reservations BIA



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 10121 101st Street
 ADDRESS: 10121 101 Street
 Ozone Park NY 11416
 LAT/LONG: 40.684634 / 73.84089

CLIENT: Touchstone Environmental Geology, Corp
 CONTACT: Rachel M Ataman
 INQUIRY #: 7351608.2s
 DATE: May 31, 2023 8:57 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-VSQG	0.250		0	3	NR	NR	NR	3
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
NY SHWS	1.000		1	0	1	1	NR	3
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
NY SWF/LF	0.500		0	0	1	NR	NR	1
<i>Lists of state and tribal leaking storage tanks</i>								
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY LTANKS	0.500		5	2	11	NR	NR	18
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		4	5	NR	NR	NR	9
NY CBS UST	0.250		1	0	NR	NR	NR	1
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		1	0	NR	NR	NR	1
NY AST	0.250		4	14	NR	NR	NR	18
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	0	NR	NR	0
NY INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
NY BROWNFIELDS	0.500		0	0	0	NR	NR	0
NY ERP	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	1	0	NR	NR	1
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
NY HIST UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		11	NR	NR	NR	NR	11
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		14	42	NR	NR	NR	56
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
NY PFAS	0.250		0	0	NR	NR	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		1	0	NR	NR	NR	1
NY E DESIGNATION	0.125		1	NR	NR	NR	NR	1
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	1	NR	NR	1
NY LEAD	TP		NR	NR	NR	NR	NR	0
NY MANIFEST	0.250	1	12	54	NR	NR	NR	67
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NJ MANIFEST	0.250		2	5	NR	NR	NR	7
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		1	0	0	NR	NR	1
NY UIC	TP		NR	NR	NR	NR	NR	0
NY COOLING TOWERS	TP		NR	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		4	NR	NR	NR	NR	4
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		1	63	129	15	1	0	209

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

A1	CON EDISON	NY MANIFEST	S118090271
Target	101-21 101ST ST		N/A
Property	QUEENS, NY 11419		

Actual:
39 ft.

[Click here for full text details](#)

NY MANIFEST
EPA ID NYP004778899

A2	OZONE INDUSTRIES	NY SHWS	S105586302
SW	100TH ST. BETWEEN 101ST AND 103RD AVENUES	NY VAPOR REOPENED	N/A
< 1/8	OZONE PARK, NY 11417		
0.004 mi.			
23 ft.			

[Click here for full text details](#)

Relative:
Higher

NY SHWS
Site Code 58595
Class Code Significant threat to the public health or environment - action required.

NY VAPOR REOPENED
Site Code 241033
Facility Status Underway

A3	OZONE INDUSTRIES	NY CBS UST	1000311571
WSW	101-32 101ST ST	NY CBS	NYD044689818
< 1/8	OZONE PARK, NY 11416	NY AST	
0.016 mi.		NY Spills	
83 ft.		RCRA NonGen / NLR	
		US AIRS	
		NY MANIFEST	

[Click here for full text details](#)

Relative:
Higher

NY CBS UST
Id/Status: 2-000073 / NO LONGER A MAJOR FACILITY
Tank Status 2
Facility Status 3

NY CBS
Facility Status Unregulated/Closed
CBS Number 2-000073

NY AST
Facility Id 2-000073

NY Spills
Spill Number/Closed Date 9809441 / 2000-03-21
Site ID 137558
Spill Date 1998-04-18

RCRA NonGen / NLR
EPA Id NYD044689818

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OZONE INDUSTRIES (Continued)

1000311571

US AIRS

EPA plant ID: 110004355590

NY MANIFEST

EPA ID NYD044689818

A4
WSW
< 1/8
0.016 mi.
83 ft.

OZONE INDUSTRIES_INC
101-32 101ST STREET
OZONE PARK, NY 11416

NY UST U001839632
N/A

[Click here for full text details](#)

Relative:
Higher

A5
WNW
< 1/8
0.016 mi.
84 ft.

METROPOLITAN GARMENT CLEANING
101-20 101ST STREET
OZONE PARK, NY 11416

NY DRYCLEANERS S106436532
N/A

[Click here for full text details](#)

Relative:
Higher

NY DRYCLEANERS
Facility Id 2-6307-01164

A6
WNW
< 1/8
0.016 mi.
84 ft.

SUNFLOWER CLEANERS
10120 101ST ST
OZONE PARK, NY 11416

EDR Hist Cleaner 1018587369
N/A

[Click here for full text details](#)

Relative:
Higher

A7
WNW
< 1/8
0.016 mi.
84 ft.

METROPOLITAN GARMENT CLEANING
101-20 101ST STREET
OZONE PARK, NY 11416

RCRA-SQG 1001233306
ICIS NYR000064907
US AIRS
NY MANIFEST

[Click here for full text details](#)

Relative:
Higher

RCRA-SQG
EPA Id NYR000064907

ICIS

FRS ID: 110008105898

US AIRS

EPA plant ID: 110002363718

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METROPOLITAN GARMENT CLEANING (Continued)

1001233306

NY MANIFEST

EPA ID NYR000064907

A8
WSW
< 1/8
0.020 mi.
105 ft.

101-32 101ST ST./OZONE IN
101-32 101ST ST.
NEW YORK CITY, NY

NY LTANKS S100167429
N/A

[Click here for full text details](#)

Relative:
Higher

NY LTANKS

Spill Number/Closed Date 8704844 / 1993-11-04
Spill Number/Closed Date 8704883 / 1992-10-07
Site ID 273946
Site ID 273947
Spill Date 1987-09-10
Spill Date 1987-09-11

A9
WNW
< 1/8
0.026 mi.
135 ft.

CON EDISON
101-55 100TH ST
OZONE PARK, NY 11416

RCRA NonGen / NLR 1019909067
NYP004880668

[Click here for full text details](#)

Relative:
Higher

RCRA NonGen / NLR
EPA Id NYP004880668

A10
WNW
< 1/8
0.026 mi.
135 ft.

CON EDISON
101-55 100TH ST
QUEENS, NY 11416

NJ MANIFEST S120678241
N/A

[Click here for full text details](#)

Relative:
Higher

NJ MANIFEST
EPA Id NYP004880668

B11
North
< 1/8
0.029 mi.
155 ft.

METROPOLITAN GARMENT
10120 101ST AVE
JAMAICA, NY 11416

EDR Hist Cleaner 1018616579
N/A

[Click here for full text details](#)

Relative:
Higher

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
C12 SSE < 1/8 0.031 mi. 164 ft.	CONSTRUCTION SITE 101-09 103RD AVE OZONE PARK, NY Click here for full text details	NY LTANKS	S106868908 N/A
Relative: Lower	NY LTANKS Spill Number/Closed Date 0413103 / 2005-06-07 Site ID 338946 Spill Date 2005-03-16		
C13 SSE < 1/8 0.031 mi. 164 ft.	SAFEGUARD SELF STORAGE 101-09 103RD AVENUE OZONE PARK, NY 11416 Click here for full text details	NY UST	U004048207 N/A
Relative: Lower			
D14 NW < 1/8 0.033 mi. 176 ft.	CON EDISON SERVICE BOX: 26595 100-08 101ST AVE OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR FINDS	1017774325 NYP004521332
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004521332 FINDS Registry ID: 110063770575		
D15 NW < 1/8 0.033 mi. 176 ft.	CON EDISON 100-08 101ST AVE OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S117059929 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004521332		
E16 SW < 1/8 0.050 mi. 262 ft.	OZONE INDUSTRIES FORMER 101-35 99TH ST OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR FINDS ECHO NY MANIFEST	1016451758 NYR000203505
Relative: Lower	RCRA NonGen / NLR EPA Id NYR000203505 FINDS		

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

OZONE INDUSTRIES FORMER (Continued)

1016451758

Registry ID: 110056331125

ECHO

Registry ID 110056331125

NY MANIFEST

EPA ID NYR000203505

C17
SE
< 1/8
0.051 mi.
268 ft.

CON EDISON
31-10 103RD ST & 102ND AVE
EAST ELMHURST, NY 11369

RCRA NonGen / NLR
FINDS
ECHO

1018278277
NYP004730404

[Click here for full text details](#)

Relative:
Lower

RCRA NonGen / NLR
EPA Id NYP004730404

FINDS

Registry ID: 110067703293

ECHO

Registry ID 110067703293

D18
NW
< 1/8
0.053 mi.
278 ft.

GARAGE
100TH ST & 101ST AVE
QUEENS, NY

NY Spills

S105235714
N/A

[Click here for full text details](#)

Relative:
Higher

NY Spills
Spill Number/Closed Date 0107664 / 2003-10-10
Site ID 331447
Spill Date 2001-10-26

D19
NW
< 1/8
0.053 mi.
282 ft.

MANHOLE 24851
101 AV & 100 ST
QUEENS, NY

NY Spills

S104193028
N/A

[Click here for full text details](#)

Relative:
Higher

NY Spills
Spill Number/Closed Date 9904717 / 1999-07-26
Site ID 63122
Spill Date 1999-07-20

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Elevation	Site	Database(s)	EPA ID Number

D20 NW < 1/8 0.054 mi. 284 ft.	NYCDEP 100TH ST & 101ST AVE OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1014395488 NYP003663879
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Relative:
Higher

RCRA NonGen / NLR
EPA Id NYP003663879

NY MANIFEST
EPA ID NYP003663879

B21 North < 1/8 0.054 mi. 287 ft.	LOT 25,TAXBLOCK 9403 101-17 101 AVENUE QUEENS, NY 11416 Click here for full text details	NY E DESIGNATION	S114559844 N/A
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Relative:
Higher

C22 South < 1/8 0.056 mi. 297 ft.	SPILL NUMBER 0205794 100TH ST & 103RD AVE QUEENS, NY Click here for full text details	NY Spills	S106007144 N/A
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Relative:
Lower

NY Spills
 Spill Number/Closed Date 0205794 / 2003-04-22
 Site ID 86190
 Spill Date 2002-09-04

B23 NE < 1/8 0.063 mi. 332 ft.	CON EDISON SERVICE BOX: 23904 101-04 103RD ST OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR FINDS	1017772472 NYP004494308
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Relative:
Higher

RCRA NonGen / NLR
EPA Id NYP004494308

FINDS
Registry ID: 110063780519

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B24 NE < 1/8 0.063 mi. 332 ft.	CON EDISON 101-04 103RD ST OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S118087025 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004494308		
D25 WNW < 1/8 0.066 mi. 348 ft.	NYCDEP 99TH ST BTW 97TH AVE & 101ST OZONE PARK, NY Click here for full text details	NY MANIFEST	1009235705 N/A
Relative: Higher	NY MANIFEST EPA ID NYP003661832		
E26 SSW < 1/8 0.067 mi. 354 ft.	101-70 99TH STREET 101-70 99TH STREET OZONE PARK, NY Click here for full text details	NY Spills	S102147429 N/A
Relative: Lower	NY Spills Spill Number/Closed Date 9311105 / 1994-04-25 Site ID 125477 Spill Date 1993-12-14		
C27 SSE < 1/8 0.080 mi. 420 ft.	M&M REALTY 103-15 101 ST OZONE PARK, NY 11417 Click here for full text details	NY UST	U004224044 N/A
Relative: Lower			
F28 ESE < 1/8 0.082 mi. 435 ft.	103RD ST & 103RD AVE/QUNS 103RD ST & 103RD AVE NEW YORK CITY, NY Click here for full text details	NY LTANKS	1002984276 N/A
Relative: Higher	NY LTANKS Spill Number/Closed Date 8910300 / 1992-12-08 Site ID 288689 Spill Date 1990-01-26		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
G29 NNE < 1/8 0.085 mi. 449 ft.	103-12 101ST AVE./ST. MAR 103-12 101ST. AVE. NEW YORK CITY, NY Click here for full text details	NY LTANKS	S100559977 N/A
Relative: Higher	NY LTANKS Spill Number/Closed Date 8706124 / 1993-03-17 Spill Number/Closed Date 8803832 / 1993-03-17 Site ID 297730 Site ID 172122 Spill Date 1987-10-20 Spill Date 1988-08-01		
H30 NW < 1/8 0.086 mi. 452 ft.	CON EDISON 97-41 100TH ST OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S118087024 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004494290		
H31 NW < 1/8 0.086 mi. 452 ft.	CON EDISON SERVICE BOX: 50687 97-41 100TH ST OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR FINDS	1017772471 NYP004494290
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004494290 FINDS Registry ID: 110063780500		
H32 WNW < 1/8 0.086 mi. 453 ft.	CINDYS DRY CLEANERS 9817 101ST AVE JAMAICA, NY 11416 Click here for full text details	EDR Hist Cleaner	1019954581 N/A
Relative: Higher			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
H33 NNW < 1/8 0.092 mi. 487 ft. Relative: Higher	DRUM RUN 97-38 101ST STREET QUEENS, NY Click here for full text details NY Spills Spill Number/Closed Date 1112041 / 2012-02-02 Site ID 459965 Spill Date 2012-01-15	NY Spills	S111457709 N/A
I34 WNW < 1/8 0.094 mi. 495 ft. Relative: Higher	CON EDISON SERVICE BOX: 11064 98-11 101ST AVE OZONE PARK, NY 11416 Click here for full text details RCRA NonGen / NLR EPA Id NYP004486924	RCRA NonGen / NLR	1017771747 NYP004486924
I35 WNW < 1/8 0.094 mi. 495 ft. Relative: Higher	CON ED 98-11 101ST AVE OZONE PARK, NY 11416 Click here for full text details NY MANIFEST EPA ID NYP004486924	NY MANIFEST	S116297110 N/A
F36 SE < 1/8 0.095 mi. 499 ft. Relative: Higher	103-10 103RD ST 103-10 103RD ST OZONE PARK, NY Click here for full text details NY LTANKS Spill Number/Closed Date 9412058 / 2003-02-28 Site ID 246336 Spill Date 1994-12-07	NY LTANKS	S101341231 N/A
J37 South < 1/8 0.096 mi. 507 ft. Relative: Lower	SEOUL MACHINERY INC 10325 100TH ST OZONE PARK, NY 11417 Click here for full text details	EDR Hist Cleaner	1018848224 N/A

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
H38 NW < 1/8 0.097 mi. 510 ft.	(GARAGE) O. Z. QUIC OIL CHANGE & LUBE 97-33 100TH STREET OZONE PARK, NY 11416 Click here for full text details	NY AST	U003065913 N/A
Relative: Higher	NY AST Facility Id 2-602623		
J39 SSW < 1/8 0.108 mi. 572 ft.	PUBLIC SCHOOL #65 103-22 99TH ST OZONE PARK, NY Click here for full text details	NY Spills	S102663560 N/A
Relative: Lower	NY Spills Spill Number/Closed Date 9706565 / 2003-02-13 Site ID 157519 Spill Date 1997-09-02		
K40 SW < 1/8 0.110 mi. 582 ft.	VS9227 98TH ST. AND 103RD AVE QUEENS, NY Click here for full text details	NY Spills	S106698638 N/A
Relative: Lower	NY Spills Spill Number/Closed Date 0405736 / 2004-08-26 Site ID 268807 Spill Date 2004-08-25		
L41 WSW < 1/8 0.113 mi. 599 ft.	CON EDISON 101-42 98TH ST OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S118087676 N/A
Relative: Lower	NY MANIFEST EPA ID NYP004550372		
L42 WSW < 1/8 0.113 mi. 599 ft.	CON EDISON SERVICE BOX: 19585 101-42 98TH ST OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR	1017777150 NYP004550372
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004550372		

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

H43 NW < 1/8 0.113 mi. 599 ft.	99TH STREET 97-36 99TH STREET QUEENS, NY Click here for full text details Relative: Higher NY Spills Spill Number/Closed Date 0600484 / 2006-05-01 Site ID 362481 Spill Date 2006-04-12	NY Spills	S107787298 N/A
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L44 WSW < 1/8 0.113 mi. 599 ft.	CON EDISON 101-36 98TH ST OZONE PARK, NY 11416 Click here for full text details Relative: Higher NJ MANIFEST EPA Id NYP004800934	NJ MANIFEST	S120673358 N/A
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L45 WSW < 1/8 0.113 mi. 599 ft.	CON EDISON 101-36 98TH ST OZONE PARK, NY 11416 Click here for full text details Relative: Higher RCRA NonGen / NLR EPA Id NYP004800934 FINDS Registry ID: 110069647555 ECHO Registry ID 110069647555	RCRA NonGen / NLR FINDS ECHO	1019904680 NYP004800934
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L46 WSW < 1/8 0.113 mi. 599 ft.	CON EDISON 101-36 98TH ST OZONE PARK, NY 11416 Click here for full text details Relative: Higher NY MANIFEST EPA ID NYP004800934	NY MANIFEST	S119076197 N/A
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MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
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J47 South < 1/8 0.114 mi. 601 ft.	MAIN LINE AUTO COLLISION INC 103-32 101ST ST OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR FINDS ECHO	1000552699 NYD986951044
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Relative:
Lower
 RCRA NonGen / NLR
 EPA Id NYD986951044

FINDS
 Registry ID: 110004465999

ECHO
 Registry ID 110004465999

M48 NNW < 1/8 0.120 mi. 634 ft.	SAL & SON INC 97-21 101ST ST OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR FINDS ECHO NY MANIFEST	1000108176 NYD982727356
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Relative:
Higher
 RCRA NonGen / NLR
 EPA Id NYD982727356

FINDS
 Registry ID: 110004428511

ECHO
 Registry ID 110004428511

NY MANIFEST
 EPA ID NYD982727356

K49 SSW < 1/8 0.123 mi. 652 ft.	THE VOGES MFG. COMPANY INC. 103-11 98TH STREET OZONE PARK, NY 11417 Click here for full text details	NY UST	U003065808 N/A
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Relative:
Lower

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
K50 SSW < 1/8 0.123 mi. 652 ft.	VOGUES MFG CO INC 103-11 98TH ST OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR FINDS ECHO	1000424657 NYD001213826
Relative: Lower	RCRA NonGen / NLR EPA Id NYD001213826		
	FINDS Registry ID: 110004332598		
	ECHO Registry ID 110004332598		
J51 South < 1/8 0.124 mi. 655 ft.	CAR HAVEN 99 CORP 103-24 99TH ST OZONE PARK, NY 11417 Click here for full text details	NY AST	A100293473 N/A
Relative: Lower	NY AST Facility Id 2-608040		
K52 SSW < 1/8 0.125 mi. 658 ft.	ENGINE 285 / LADDER 142 103-17 98TH STREET OZONE PARK, NY 11417 Click here for full text details	NY AST	U003394383 N/A
Relative: Lower	NY AST Facility Id 2-358215		
G53 NE < 1/8 0.125 mi. 659 ft.	TM 5792 104TH ST & 101ST AVE QUEENS, NY Click here for full text details	NY Spills	S104285114 N/A
Relative: Higher	NY Spills Spill Number/Closed Date 9911386 / 2002-03-28 Site ID 97993 Spill Date 1999-12-29		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
G54 NE < 1/8 0.125 mi. 659 ft.	212041; 104 ST AND 101 AVE 104 ST AND 101 AVE NEW YORK, NY Click here for full text details	NY Spills	S110306343 N/A
Relative: Higher	NY Spills Spill Number/Closed Date 0814236 / 2008-07-10 Site ID 432440 Spill Date 2008-06-20		
N55 NNE 1/8-1/4 0.132 mi. 697 ft.	CON EDISON SERVICE BOX: 13506 97-44 104TH ST FRONT OF OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR FINDS	1017772469 NYP004494274
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004494274 FINDS Registry ID: 110063780485		
N56 NNE 1/8-1/4 0.132 mi. 697 ft.	CON EDISON 97-44 104TH ST FRONT OF OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S118087022 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004494274		
O57 NW 1/8-1/4 0.132 mi. 699 ft.	JACMOR TRANSPORATION INC 97-26 99TH STREET OZONE PARK, NY 11420 Click here for full text details	NY UST NY AST	U003074322 N/A
Relative: Higher	NY AST Facility Id 2-083275		
P58 ESE 1/8-1/4 0.134 mi. 710 ft.	CON ED 103-16 104 ST QUEENS, NY 11417 Click here for full text details	NY MANIFEST	S117737717 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004674156		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
J59 South 1/8-1/4 0.136 mi. 717 ft.	103-154 99TH STREET 103-154 99TH STREET QUEENS, NY 11368	US BROWNFIELDS	1018119723 N/A
Relative: Lower	Click here for full text details US BROWNFIELDS ACRES property ID 151022		
K60 SW 1/8-1/4 0.138 mi. 730 ft.	97-05 103 AVE 97-05 103 AVE OZONE PARK, NY 11416	NY AST	U000401825 N/A
Relative: Lower	Click here for full text details NY AST Facility Id 2-081108		
N61 NE 1/8-1/4 0.146 mi. 771 ft.	CON EDISON 104-05 101 AVE QUEENS, NY 11432	NY MANIFEST	S116551488 N/A
Relative: Higher	Click here for full text details NY MANIFEST EPA ID NYP004499786		
M62 NNW 1/8-1/4 0.147 mi. 774 ft.	C + C AUTO WORKS, INC. 97-08 101ST STREET OZONE PARK, NY 11416	NY AST	A100293428 N/A
Relative: Higher	Click here for full text details NY AST Facility Id 2-610147		
O63 WNW 1/8-1/4 0.147 mi. 777 ft.	CON EDISON SERVICE BOX: 13517 98TH ST & 99TH AVE OZONE PARK, NY 11416	RCRA NonGen / NLR NY MANIFEST	1016970617 NYP004443339
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004443339 NY MANIFEST EPA ID NYP004443339		

MAP FINDINGS

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
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Q64	NYCDEP				RCRA NonGen / NLR	1014395506	
SSE	103-53 101ST ST				NY MANIFEST	NYP003664042	
1/8-1/4	OZONE PARK, NY 11417				NJ MANIFEST		
0.148 mi.							
780 ft.							

[Click here for full text details](#)

Relative:
Lower
RCRA NonGen / NLR
EPA Id NYP003664042

NY MANIFEST
EPA ID NYP003664042

NJ MANIFEST
EPA Id NYP003664042

M65	SUPERSTAR AUTO COLLISION & REPAIR				RCRA NonGen / NLR	1000552679	
NNW	97-07 100TH ST				FINDS	NYD986950830	
1/8-1/4	OZONE PARK, NY 11416				ECHO		
0.148 mi.					NY MANIFEST		
783 ft.							

[Click here for full text details](#)

Relative:
Higher
RCRA NonGen / NLR
EPA Id NYD986950830

FINDS
Registry ID: 110004465882

ECHO
Registry ID 110004465882

NY MANIFEST
EPA ID NYD986950830

M66	CON EDISON SERVICE BOX: 13695				RCRA NonGen / NLR	1017772470	
NNW	97-07 100TH ST				FINDS	NYP004494282	
1/8-1/4	OZONE PARK, NY 11416						
0.148 mi.							
783 ft.							

[Click here for full text details](#)

Relative:
Higher
RCRA NonGen / NLR
EPA Id NYP004494282

FINDS
Registry ID: 110063780494

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
M67 NNW 1/8-1/4 0.148 mi. 783 ft.	CON EDISON 97-07 100TH ST OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S118087023 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004494282		
R68 North 1/8-1/4 0.149 mi. 785 ft.	97-10 103TH ST 97-10 103TH ST OZONE PARK, NY Click here for full text details	NY LTANKS	S101341295 N/A
Relative: Higher	NY LTANKS Spill Number/Closed Date 9315573 / 1993-05-24 Site ID 133869 Spill Date 1993-05-23		
Q69 SSE 1/8-1/4 0.150 mi. 794 ft.	106 PRECINCT NYPD -DDC 103-55 101ST STREET OZONE PARK, NY Click here for full text details	NY LTANKS NY Spills	S104951008 N/A
Relative: Lower	NY LTANKS Spill Number/Closed Date 0012662 / 2016-03-22 Site ID 111958 Spill Date 2001-02-27 NY Spills Spill Number/Closed Date 9805028 / 2008-06-12 Spill Number/Closed Date 0308327 / 2006-01-31 Site ID 111960 Site ID 111959 Spill Date 1998-07-22 Spill Date 2003-11-06		
Q70 SSE 1/8-1/4 0.150 mi. 794 ft.	106TH PCT 103-55 101ST STREET OZONE PARK, NY 11417 Click here for full text details	NY AST	U003074605 N/A
Relative: Lower	NY AST Facility Id 2-217557		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
Q71 SSE 1/8-1/4 0.150 mi. 794 ft.	106TH PCT 103-55 101ST STREET OZONE PARK, NY 11417 Click here for full text details	NY UST	U004081715 N/A
Relative: Lower			
M72 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON 101-08 97TH AVE SB13528 OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S119075573 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004788063		
M73 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON 101-08 97TH AVE SB13529 OZONE PARK, NY 11416 Click here for full text details	NJ MANIFEST	S120672245 N/A
Relative: Higher	NJ MANIFEST EPA Id NYP004788071		
M74 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON 101-08 97TH AVE SB13529 OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S119075574 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004788071		
M75 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON 101-08 97TH AVE SB13528 OZONE PARK, NY 11416 Click here for full text details	NJ MANIFEST	S120672244 N/A
Relative: Higher	NJ MANIFEST EPA Id NYP004788063		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
M76 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON 101-08 97TH AVE SB13529 OZONE PARK, NY 11416	RCRA NonGen / NLR FINDS ECHO	1019903634 NYP004788063
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004788063 FINDS Registry ID: 110069670056 ECHO Registry ID 110069670056		
M77 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON 101-08 97TH AVE SB13529 OZONE PARK, NY 11416	RCRA NonGen / NLR	1019903635 NYP004788071
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004788071		
M78 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON 101-04 97TH AVE SB13529 OZONE PARK, NY 11416	NY MANIFEST	S118087686 N/A
Relative: Higher	Click here for full text details NY MANIFEST EPA ID NYP004552055		
M79 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON SERVICE BOX: 13528 101-04 97TH AVE SB13528 OZONE PARK, NY 11416	RCRA NonGen / NLR	1017777314 NYP004552063
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004552063		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
M80 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON 101-04 97TH AVE SB13528 OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S118087687 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004552063		
M81 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON SERVICE BOX: 13529 101-04 97TH AVE SB13529 OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR FINDS	1017777313 NYP004552055
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004552055		
	FINDS Registry ID: 110063818944		
P82 ESE 1/8-1/4 0.159 mi. 838 ft.	REMEDY REMOVAL INC 103-21 104TH ST OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR FINDS ECHO	1000201684 NYD982725210
Relative: Higher	RCRA NonGen / NLR EPA Id NYD982725210		
	FINDS Registry ID: 110004427745		
	ECHO Registry ID 110004427745		
R83 North 1/8-1/4 0.159 mi. 839 ft.	RELIABLE A & G FUELS 101-10-08 97TH AVE OZONE PARK, NY 11416 Click here for full text details	NY UST	U003200551 N/A
Relative: Higher			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
S84 SSW 1/8-1/4 0.159 mi. 839 ft.	CON EDISON SERVICE BOX: 19595 103-32 98TH ST FRONT OF OZONE PARK, NY 11417	RCRA NonGen / NLR NY MANIFEST	1016968615 NYP004422390
Relative: Lower	Click here for full text details RCRA NonGen / NLR EPA Id NYP004422390 NY MANIFEST EPA ID NYP004422390		
S85 SSW 1/8-1/4 0.162 mi. 855 ft.	CON EDISON 103-36 98 ST FRNT OZONE PARK, NY 11417	NY MANIFEST	S117736866 N/A
Relative: Lower	Click here for full text details NY MANIFEST EPA ID NYP004581310		
N86 NNE 1/8-1/4 0.166 mi. 879 ft.	CON EDISON SERVICE BOX: S13500 97-16 104TH ST OZONE PARK, NY 11416	RCRA NonGen / NLR NY MANIFEST	1016971798 NYP004455481
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004455481 NY MANIFEST EPA ID NYP004455481		
T87 NNW 1/8-1/4 0.168 mi. 886 ft.	NYCDEP 97TH AVE & 100 ST OZONE PARK, NY 11416	RCRA NonGen / NLR NY MANIFEST	1014395429 NYP003663234
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP003663234 NY MANIFEST EPA ID NYP003663234		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
U88 South 1/8-1/4 0.175 mi. 922 ft.	CON EDISON 103-45 99 ST FRNT OZONE PARK, NY 11417 Click here for full text details	NY MANIFEST	S117737872 N/A
Relative: Lower	NY MANIFEST EPA ID NYP004685848		
V89 WNW 1/8-1/4 0.176 mi. 927 ft.	KAM THERMAL EQUIPLMENT LTD 98-21 97TH ST OZONE PARK, NY 11416 Click here for full text details	NY UST	U000399363 N/A
Relative: Higher			
T90 NNW 1/8-1/4 0.178 mi. 941 ft.	CON EDISON SERVICE BOX: 13528 101-03 97TH AVE FRONT OF OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1016967709 NYP004413076
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004413076 NY MANIFEST EPA ID NYP004413076		
W91 East 1/8-1/4 0.179 mi. 947 ft.	CON EDISON 105-01 103 AVE FRNT OZONE PARK, NY 11417 Click here for full text details	NY MANIFEST	S117736370 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004502324		
S92 SSW 1/8-1/4 0.181 mi. 957 ft.	103-35 97 STREET 103-35 97 STREET OZONE PARK, NY 11417 Click here for full text details	NY AST	U003391700 N/A
Relative: Lower	NY AST Facility Id 2-361402		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
U93 South 1/8-1/4 0.184 mi. 969 ft.	J & SONS AUTO REPAIR INC. 103-55 99TH STREET OZONE PARK, NY 11417 Click here for full text details	NY AST	A100521416 N/A
Relative: Lower	NY AST Facility Id 2-611199		
U94 South 1/8-1/4 0.184 mi. 969 ft.	JOHNNYS AUTO REPAIRS 103-55 99TH STREET SOUTH OZONE PARK, NY 11417 Click here for full text details	NY AST	A100521376 N/A
Relative: Lower	NY AST Facility Id 2-610612		
U95 South 1/8-1/4 0.184 mi. 972 ft.	QUEENS FARMS DAIRY 103-45 98TH ST OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR FINDS ECHO NY MANIFEST	1001029003 NYR000012351
Relative: Lower	RCRA NonGen / NLR EPA Id NYR000012351 FINDS Registry ID: 110004517979 ECHO Registry ID 110004517979 NY MANIFEST EPA ID NYR000012351		
U96 South 1/8-1/4 0.184 mi. 972 ft.	QUEENS FARMS DAIRY INC 103-45 98TH ST OZONE PARK, NY 11417 Click here for full text details	NY UST	U003644405 N/A
Relative: Lower			

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
X97 NW 1/8-1/4 0.192 mi. 1012 ft.	CON EDISON SERVICE BOX: 58197 98-07 97TH AVE OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1016971292 NYP004450284
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004450284 NY MANIFEST EPA ID NYP004450284		
V98 WNW 1/8-1/4 0.192 mi. 1016 ft.	99-09 95TH STREET 99-09 95TH STREET OZONE PARK, NY 11416 Click here for full text details	NY AST	A100394245 N/A
Relative: Higher	NY AST Facility Id 2-612264		
S99 SSW 1/8-1/4 0.192 mi. 1016 ft.	103-45-97 STREET 103-45 97 STREET OZONE PARK, NY 11417 Click here for full text details	NY AST	U003391699 N/A
Relative: Lower	NY AST Facility Id 2-361399		
100 WSW 1/8-1/4 0.194 mi. 1026 ft.	DOM CORP C/O ZBIGNIEW, KUCHARSKI 101-43 95TH STREET OZONE PARK, NY 11416 Click here for full text details	NY AST	U003388858 N/A
Relative: Lower	NY AST Facility Id 2-282049		
Y101 NE 1/8-1/4 0.203 mi. 1074 ft.	CON EDISON SERVICE BOX: 26604 105-12 101ST AVE OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1016972470 NYP004462453
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004462453 NY MANIFEST		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	CON EDISON SERVICE BOX: 26604 (Continued) EPA ID NYP004462453		1016972470
102 NNE 1/8-1/4 0.204 mi. 1077 ft.	CON EDISON SERVICE BOX: 20075 104-06 97TH AVE OZONE PARK, NY 11416 Click here for full text details Relative: Higher	RCRA NonGen / NLR NY MANIFEST	1016971551 NYP004452942
	NY MANIFEST EPA ID NYP004452942		
W103 East 1/8-1/4 0.206 mi. 1088 ft.	CON EDISON 105-15 103RD AVE FRONT OF SOUTH RICHMOND HILL, NY 11419 Click here for full text details Relative: Higher	NY MANIFEST	S117060935 N/A
	NY MANIFEST EPA ID NYP004531950		
S104 SSW 1/8-1/4 0.206 mi. 1089 ft.	103-55 97TH STREET 103-55 97TH STREET OZONE PARK, NY 11417 Click here for full text details Relative: Lower	NY AST	U003392399 N/A
	NY AST Facility Id 2-365564		
W105 East 1/8-1/4 0.208 mi. 1098 ft.	CON EDISON 105-15 103 AVE QUEENS, NY 11417 Click here for full text details Relative: Higher	NY MANIFEST	S117067504 N/A
	NY MANIFEST EPA ID NYP004604260		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
Y106 NE 1/8-1/4 0.210 mi. 1109 ft.	PROVVISIERO BROS CORP 10517 101ST AVE JAMAICA, NY 11416	RCRA NonGen / NLR FINDS ECHO	1000434676 NYD982726796
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYD982726796 FINDS Registry ID: 110004428227 ECHO Registry ID 110004428227		
Y107 NE 1/8-1/4 0.210 mi. 1109 ft.	PROVVISIERO BROTHERS, INC. 105-17 101ST AVENUE OZONE PARK, NY 11416	NY AST	A100491315 N/A
Relative: Higher	Click here for full text details NY AST Facility Id 2-613136		
Y108 NE 1/8-1/4 0.210 mi. 1109 ft.	PROVVISIERO BROTHERS INC 10517 101ST AVE JAMAICA, NY 11416	NY MANIFEST	S117562658 N/A
Relative: Higher	Click here for full text details NY MANIFEST EPA ID NYD982726796		
W109 East 1/8-1/4 0.211 mi. 1116 ft.	CON EDISON 105-17 103 AVE QUEENS, NY 11432	NY MANIFEST	S116551000 N/A
Relative: Higher	Click here for full text details NY MANIFEST EPA ID NYP004494321		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
U110 South 1/8-1/4 0.212 mi. 1117 ft.	CON EDISON LIBERTY AVE & 99TH ST OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1014397303 NYP004196218
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004196218 NY MANIFEST EPA ID NYP004196218		
W111 East 1/8-1/4 0.212 mi. 1119 ft.	CON EDISON SERVICE BOX: 63397 105-17 103RD AVE FRONT OF OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR	1017772474 NYP004494324
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004494324		
Z112 SSE 1/8-1/4 0.215 mi. 1134 ft.	CON EDISON LIBERTY AVE & 102ND ST OZONE PARK, NY 11417 Click here for full text details	NY MANIFEST	S118087105 N/A
Relative: Lower	NY MANIFEST EPA ID NYP004507869		
Z113 SSE 1/8-1/4 0.215 mi. 1134 ft.	CON EDISON SERVICE BOX: 63115 LIBERTY AVE & 102ND ST OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR	1017773008 NYP004507869
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004507869		
AA114 WNW 1/8-1/4 0.217 mi. 1148 ft.	NYCDEP 97TH AVE & 97TH ST QUEENS, NY 11416 Click here for full text details	NY MANIFEST	1009399866 N/A
Relative: Lower	NY MANIFEST EPA ID NYP003662624		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AA115 WNW 1/8-1/4 0.217 mi. 1148 ft.	NYCDEP 97TH AVE & 97TH ST OZONE PARK, NY 11416	RCRA NonGen / NLR	1027532954 NYP003662624
Relative: Lower	Click here for full text details RCRA NonGen / NLR EPA Id NYP003662624		
AA116 WNW 1/8-1/4 0.218 mi. 1151 ft.	CON EDISON SERVICE BOX: 30221 95-36 97TH AVE OZONE PARK, NY 11416	RCRA NonGen / NLR NY MANIFEST	1016970038 NYP004437356
Relative: Lower	Click here for full text details RCRA NonGen / NLR EPA Id NYP004437356 NY MANIFEST EPA ID NYP004437356		
AB117 NNW 1/8-1/4 0.220 mi. 1160 ft.	CON EDISON SERVICE BOX: 31753 95-14 100TH ST FRONT OF OZONE PARK, NY 11416	RCRA NonGen / NLR NY MANIFEST	1016971114 NYP004448486
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004448486 NY MANIFEST EPA ID NYP004448486		
AB118 NNW 1/8-1/4 0.220 mi. 1160 ft.	CON EDISON SERVICE BOX: 31756 95-16 100TH ST FRONT OF OZONE PARK, NY 11416	RCRA NonGen / NLR NY MANIFEST	1016971110 NYP004448445
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004448445 NY MANIFEST EPA ID NYP004448445		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
119 SSE 1/8-1/4 0.221 mi. 1169 ft.	AMIGO COLLISION & MECHANIC CORP. 100-10 LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	NY AST	A100293028 N/A
Relative: Lower	NY AST Facility Id 2-607276		
U120 South 1/8-1/4 0.222 mi. 1170 ft.	99TH ST. QUICK LUBE INC 104-23 99TH STREET OZONE PARK, NY 11417 Click here for full text details	NY AST	A100358186 N/A
Relative: Lower	NY AST Facility Id 2-611618		
AB121 NNW 1/8-1/4 0.222 mi. 1173 ft.	WORKSMAN TRADING CORP 95-15 100TH ST OZONE PARK, NY 11416 Click here for full text details	RCRA-VSQG NY MANIFEST	1004761181 NYR000079020
Relative: Lower	RCRA-VSQG EPA Id NYR000079020 NY MANIFEST EPA ID NYR000079020		
AC122 NNW 1/8-1/4 0.223 mi. 1176 ft.	CON EDISON 95-14 102 ST QUEENS, NY 11432 Click here for full text details	NY MANIFEST	S117063836 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004562861		
AD123 South 1/8-1/4 0.223 mi. 1179 ft.	CON EDISON - TM 5884 98TH ST & LIBERTY OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1008195545 NYP004108312
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004108312 NY MANIFEST		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	CON EDISON - TM 5884 (Continued) EPA ID NYP004108312		1008195545
AC124 NNW 1/8-1/4 0.224 mi. 1182 ft.	CON EDISON SERVICE BOX: 31674 95-14 102ND ST OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR FINDS	1017777315 NYP004552071
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004552071		
	FINDS Registry ID: 110063818962		
Z125 SSE 1/8-1/4 0.224 mi. 1184 ft.	CON EDISON 101-12 LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	NY MANIFEST	S118087106 N/A
Relative: Lower	NY MANIFEST EPA ID NYP004507919		
Z126 SSE 1/8-1/4 0.224 mi. 1184 ft.	CON EDISON SERVICE BOX: 21377 101-12 LIBERTY AVE FRONT OF OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1016968616 NYP004422408
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004422408		
	NY MANIFEST EPA ID NYP004422408		
Z127 SSE 1/8-1/4 0.224 mi. 1184 ft.	CON EDISON SERVICE BOX: 21377 101-12 LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR	1017773013 NYP004507919
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004507919		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
128 ENE 1/8-1/4 0.226 mi. 1191 ft.	CON EDISON 101-36 106 ST OZONE PARK, NY 11416 Click here for full text details	NY MANIFEST	S116551309 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004497616		
X129 NW 1/8-1/4 0.228 mi. 1203 ft.	SON OF SUPERSTAR INC DBA SOS AUTO BODY 95-20 98TH ST OZONE PARK, NY 11416 Click here for full text details	RCRA-VSQG US AIRS NY MANIFEST	1000125396 NYD982727323
Relative: Lower	RCRA-VSQG EPA Id NYD982727323 US AIRS EPA plant ID: 110004428487 NY MANIFEST EPA ID NYD982727323		
AA130 WNW 1/8-1/4 0.230 mi. 1214 ft.	CON EDISON SERVICE BOX: 36409 95-18 97TH AVE OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1016970035 NYP004437315
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004437315 NY MANIFEST EPA ID NYP004437315		
131 North 1/8-1/4 0.231 mi. 1218 ft.	CON EDISON SERVICE BOX: 13493 95-22 104TH ST OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR	1016971552 NYP004452959
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004452959		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AA132 WNW 1/8-1/4 0.231 mi. 1218 ft.	CON EDISON SERVICE BOX: 36410 95-39 97TH AVE FRONT OF WOODHAVEN, NY 11421	RCRA NonGen / NLR NY MANIFEST	1016972458 NYP004462339
Relative: Lower	Click here for full text details RCRA NonGen / NLR EPA Id NYP004462339 NY MANIFEST EPA ID NYP004462339		
Z133 SSE 1/8-1/4 0.231 mi. 1220 ft.	CON EDISON SERVICE BOX: 21380 102-08 LIBERTY AVE FRONT OF OZONE PARK, NY 11417	RCRA NonGen / NLR NY MANIFEST	1016968556 NYP004421806
Relative: Lower	Click here for full text details RCRA NonGen / NLR EPA Id NYP004421806 NY MANIFEST EPA ID NYP004421806		
AD134 SSW 1/8-1/4 0.232 mi. 1226 ft.	CVS PHARMACY #2719 97-01 LIBERTY AVE OZONE PARK, NY 11417	NY MANIFEST	S119079162 N/A
Relative: Lower	Click here for full text details NY MANIFEST EPA ID NYR000197244		
AD135 SSW 1/8-1/4 0.232 mi. 1226 ft.	CVS # 02719 9701 LIBERTY AVE OZONE PARK, NY 11417	PA MANIFEST	S118889283 N/A
Relative: Lower	Click here for full text details PA MANIFEST Generator EPA Id NYR000197244		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AD136 SSW 1/8-1/4 0.232 mi. 1226 ft.	CVS PHARMACY #2719 97-01 LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	RCRA-VSQG	1015747253 NYR000197244
Relative: Lower	RCRA-VSQG EPA Id NYR000197244		
AA137 WNW 1/8-1/4 0.236 mi. 1244 ft.	CON EDISON SERVICE BOX: 36408 95-16 97TH AVE OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1016970036 NYP004437323
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004437323 NY MANIFEST EPA ID NYP004437323		
AD138 South 1/8-1/4 0.236 mi. 1245 ft.	MTA NYCT - LIBERTY AVE 98TH ST SUBSTATION 97-24 LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	RCRA-SQG	1023968691 NYR000233452
Relative: Lower	RCRA-SQG EPA Id NYR000233452		
AE139 SE 1/8-1/4 0.236 mi. 1248 ft.	CON EDISON 104-09 LIBERTY AVE QUEENS, NY 11420 Click here for full text details	NY MANIFEST	S116550838 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004492599		
AE140 SE 1/8-1/4 0.238 mi. 1255 ft.	ROMA CLEANERS CORP 104-07 LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR FINDS ECHO	1000141868 NYD986890283
Relative: Higher	RCRA NonGen / NLR EPA Id NYD986890283 FINDS		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	ROMA CLEANERS CORP (Continued) Registry ID: 110004442210		1000141868
	ECHO Registry ID 110004442210		
AE141 SE 1/8-1/4 0.239 mi. 1262 ft.	CON EDISON 104-09 LIBERTY AVE FRONT OF OZONE PARK, NY 11417 Click here for full text details	NY MANIFEST	S116550834 N/A
Relative: Higher	NY MANIFEST EPA ID NYP004492559		
AE142 SE 1/8-1/4 0.239 mi. 1262 ft.	CON EDISON SERVICE BOX: 22478 104-09 LIBERTY AVE FRONT OF OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR	1017772299 NYP004492559
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004492559		
AA143 WNW 1/8-1/4 0.241 mi. 1274 ft.	CON EDISON SERVICE BOX: 36407 95-12 97TH AVE OZONE PARK, NY 11416 Click here for full text details	RCRA NonGen / NLR NY MANIFEST	1016970037 NYP004437331
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004437331		
	NY MANIFEST EPA ID NYP004437331		
AE144 SE 1/8-1/4 0.241 mi. 1275 ft.	MTA NYCT - 104TH STREET STATION - A LINE 104TH ST & LIBERTY AVE QUEENS, NY 11417 Click here for full text details	NJ MANIFEST	S120678996 N/A
Relative: Higher	NJ MANIFEST EPA Id NYR000206979		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AE145 SE 1/8-1/4 0.241 mi. 1275 ft.	CON EDISON - MANHOLE 360 104TH AVE & LIBERTY AVE QUEENS, NY 11417 Click here for full text details	NY MANIFEST	S120959217 N/A
Relative: Higher	NY MANIFEST EPA ID NYP005002829		
AE146 SE 1/8-1/4 0.241 mi. 1275 ft.	MTA NYCT - 104TH STREET STATION - A LINE 104TH ST & LIBERTY AVE QUEENS, NY 11417 Click here for full text details	FINDS ECHO NY MANIFEST	1016455594 N/A
Relative: Higher	FINDS Registry ID: 110057070360 ECHO Registry ID 110057070360 NY MANIFEST EPA ID NYR000206979		
AE147 SE 1/8-1/4 0.241 mi. 1275 ft.	MTA NYCT 104TH STREET STATION A LINE 104TH ST & LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	RCRA-SQG	1027533025 NYR000206979
Relative: Higher	RCRA-SQG EPA Id NYR000206979		
AF148 SE 1/8-1/4 0.243 mi. 1282 ft.	CON EDISON 103-04 LIBERTY AVE FRONT OF OZONE PARK, NY 11417 Click here for full text details	NY Spills NY MANIFEST	S108465883 N/A
Relative: Lower	NY Spills Spill Number/Closed Date 0612280 / 2007-02-08 Site ID 377096 Spill Date 2007-02-08 NY MANIFEST EPA ID NYP004495834		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AF149 SE 1/8-1/4 0.243 mi. 1282 ft.	CON ED 103-04 LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	NY MANIFEST	S119077584 N/A
Relative: Lower	NY MANIFEST EPA ID NYP004834285		
AF150 SE 1/8-1/4 0.243 mi. 1282 ft.	CON EDISON 103-04 LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	NJ MANIFEST	S120676319 N/A
Relative: Lower	NJ MANIFEST EPA Id NYP004834285		
AF151 SE 1/8-1/4 0.243 mi. 1282 ft.	CON EDISON SERVICE BOX: 12278 103-04 LIBERTY AVE FRONT OF OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR FINDS	1017772623 NYP004495834
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004495834 FINDS Registry ID: 110063787228		
AF152 SE 1/8-1/4 0.243 mi. 1282 ft.	CON EDISON 103-04 LIBERTY AVE OZONE PARK, NY 11417 Click here for full text details	RCRA NonGen / NLR FINDS ECHO	1019907449 NYP004834285
Relative: Lower	RCRA NonGen / NLR EPA Id NYP004834285 FINDS Registry ID: 110069694003 ECHO Registry ID 110069694003		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AG153 West 1/8-1/4 0.243 mi. 1284 ft.	CON EDISON SERVICE BOX: 44296 97-45 WOODHAVEN BLVD OZONE PARK, NY 11416	RCRA NonGen / NLR	1017776610 NYP004544730
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004544730		
AG154 West 1/8-1/4 0.243 mi. 1284 ft.	CON EDISON 97-45 WOODHAVEN BLVD FRONT OF OZONE PARK, NY 11416	NY MANIFEST	S117062060 N/A
Relative: Higher	Click here for full text details NY MANIFEST EPA ID NYP004543898		
AG155 West 1/8-1/4 0.243 mi. 1284 ft.	CON EDISON SERVICE BOX: 44296 97-45 WOODHAVEN BLVD FRONT OF OZONE PARK, NY 11416	RCRA NonGen / NLR	1017776529 NYP004543898
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004543898		
AG156 West 1/8-1/4 0.243 mi. 1284 ft.	CON EDISON 97-45 WOODHAVEN BLVD OZONE PARK, NY 11416	NY MANIFEST	S117062141 N/A
Relative: Higher	Click here for full text details NY MANIFEST EPA ID NYP004544730		
157 NW 1/8-1/4 0.248 mi. 1312 ft.	VITA FORE PRODUCTS CO INC 95-07 98TH ST OZONE PARK, NY 11416	NY MANIFEST	1009233815 N/A
Relative: Lower	Click here for full text details NY MANIFEST EPA ID NYP000921247		

MAP FINDINGS

Map ID	Direction	Distance	Elevation	Site	Database(s)	EDR ID Number	EPA ID Number
158	South	1/4-1/2	0.262 mi. 1383 ft.	CLOSED-LACKOF RECENT INFO 98-21 ROCKAWAY BLVD NEW YORK CITY, NY	NY LTANKS	S100146052	N/A
<p>Click here for full text details</p> <p>Relative: Lower</p> <p>NY LTANKS Spill Number/Closed Date 9002397 / 2003-03-04 Site ID 182100 Spill Date 1990-05-31</p>							
AH159	South	1/4-1/2	0.274 mi. 1448 ft.	AMOCO GAS STATION 97-09 ROCKAWAY BLVD QUEENS, NY	NY LTANKS	S105999301	N/A
<p>Click here for full text details</p> <p>Relative: Lower</p> <p>NY LTANKS Spill Number/Closed Date 0303304 / 2003-06-30 Site ID 137469 Spill Date 2003-06-28</p>							
AH160	South	1/4-1/2	0.274 mi. 1448 ft.	AMOCO STATION 97-02 ROCKAWAY BLVD QUEENS, NY	NY LTANKS	S103558225	N/A
<p>Click here for full text details</p> <p>Relative: Lower</p> <p>NY LTANKS Spill Number/Closed Date 9809619 / 1998-11-06 Site ID 224197 Spill Date 1998-10-30</p>							
161	East	1/4-1/2	0.285 mi. 1504 ft.	103-16 107TH ST 103-16 107TH ST OZONE PARK, NY	NY LTANKS	S102672992	N/A
<p>Click here for full text details</p> <p>Relative: Higher</p> <p>NY LTANKS Spill Number/Closed Date 9507137 / 1995-09-12 Site ID 181365 Spill Date 1995-09-12</p>							

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AI162 NNW 1/4-1/2 0.300 mi. 1584 ft.	LIBERTY HEAT TREATING CO., INC 100-15 94TH AVE. OZONE PARK, NY 11416 Click here for full text details	NY HSWDS	S108147101 N/A
Relative: Higher			
163 WSW 1/4-1/2 0.307 mi. 1620 ft.	HARIEAT HOME 101 -22 94TH STREET OZONE PARK, NY Click here for full text details	NY LTANKS	S107658658 N/A
Relative: Lower	NY LTANKS Spill Number/Closed Date 0513664 / 2006-03-07 Site ID 360166 Spill Date 2006-02-27		
AI164 NNW 1/4-1/2 0.309 mi. 1629 ft.	LIBERTY HEAT TREATING CO INC 100-15 94TH AVE OZONE PARK, NY 11416 Click here for full text details	SEMS-ARCHIVE RCRA NonGen / NLR	1000219803 NYD053169694
Relative: Higher	SEMS-ARCHIVE Site ID 0203098 EPA Id NYD053169694 RCRA NonGen / NLR EPA Id NYD053169694		
165 NW 1/4-1/2 0.324 mi. 1711 ft.	PREVETE BROS INC 97-30 ATLANTIC AVE OZONE PARK, NY 11416 Click here for full text details	NY SWF/LF RCRA NonGen / NLR FINDS ECHO NY MANIFEST NY SPDES	1000791008 NYD987025046
Relative: Higher	RCRA NonGen / NLR EPA Id NYD987025046 FINDS Registry ID: 110004499347 Registry ID: 110055166234 ECHO Registry ID 110055166234 Registry ID 110004499347 NY MANIFEST		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	PREVETE BROS INC (Continued) EPA ID NYD987025046		1000791008
	NY SPDES Permit Number NYR00F281 Limit Set Status Flag A		
166 North 1/4-1/2 0.333 mi. 1759 ft.	JOHN'S CLEANERS 10220 ATLANTIC AVENUE QUEENS, NY 11416 Click here for full text details	NY SHWS	S113916705 N/A
Relative: Higher	NY SHWS Site Code 384283		
167 North 1/4-1/2 0.373 mi. 1970 ft.	104-09 ATLANTIC AVE/QUEEN 104009 ATLANTIC AVE NEW YORK CITY, NY Click here for full text details	NY LTANKS	S100144942 N/A
Relative: Higher	NY LTANKS Spill Number/Closed Date 8708559 / 2003-03-18 Site ID 281820 Spill Date 1988-01-06		
168 North 1/4-1/2 0.428 mi. 2262 ft.	104-13 93RD AVENUE 104013 93RD AVENUE RICHMOND HILL, NY Click here for full text details	NY LTANKS	S102672781 N/A
Relative: Higher	NY LTANKS Spill Number/Closed Date 9413451 / 2003-02-18 Site ID 188255 Spill Date 1995-01-09		
169 WSW 1/4-1/2 0.432 mi. 2280 ft.	91-21 ROCKAWAY 91-21 ROCKAWAY BLVD OZONE PARK, NY Click here for full text details	NY LTANKS	S102659884 N/A
Relative: Lower	NY LTANKS Spill Number/Closed Date 9208482 / 1992-11-16 Site ID 312231 Spill Date 1992-10-22		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
170 WNW 1/4-1/2 0.459 mi. 2425 ft.	93-02 ATLANTIC AVE/SHELL 93-02 ATLANTIC AVE OZONE PARK, NY Click here for full text details	NY LTANKS NY Spills	S100143909 N/A
Relative: Higher	<p>NY LTANKS</p> <p>Spill Number/Closed Date 8707719 / 1987-12-08 Spill Number/Closed Date 9103223 / 1992-06-26 Site ID 144624 Site ID 140827 Spill Date 1987-12-08 Spill Date 1991-06-20</p> <p>NY Spills</p> <p>Spill Number/Closed Date 9804623 / 2006-02-10 Spill Number/Closed Date 0713596 / 2018-10-11 Site ID 161455 Site ID 395371 Spill Date 1998-07-13 Spill Date 2008-03-25</p>		
171 WSW 1/4-1/2 0.483 mi. 2550 ft.	SAINT SANTISLAUS CHURCH 90-01 101ST AVE. OZONE PARK, NY Click here for full text details	NY LTANKS	S106702778 N/A
Relative: Lower	<p>NY LTANKS</p> <p>Spill Number/Closed Date 0406589 / 2006-07-17 Site ID 212266 Spill Date 2004-09-14</p>		
172 NNE 1/4-1/2 0.497 mi. 2623 ft.	108-01 ATLANTIC AV/QUEENS 108-01 ATLANTIC AVE RICHMOND HILL, NY Click here for full text details	NY LTANKS NY Spills	S102663388 N/A
Relative: Higher	<p>NY LTANKS</p> <p>Spill Number/Closed Date 8708713 / 1992-09-25 Site ID 80198 Spill Date 1988-01-12</p> <p>NY Spills</p> <p>Spill Number/Closed Date 0411343 / 2006-02-02 Spill Number/Closed Date 9705122 / 2002-07-11 Site ID 336519 Site ID 80199 Spill Date 2005-01-19 Spill Date 1996-10-08</p>		

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

173 PUBLIC SCHOOL 60/62Q ANNEX
NW 91-02 88 AVENUE
1/2-1 WOODHAVEN, NY 11421
0.779 mi.
4115 ft.

NY SHWS S113916592
N/A

Relative:
Higher

[Click here for full text details](#)

NY SHWS
Site Code 338776

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
NY	AIRS	Air Emissions Data	Department of Environmental Conservation	02/14/2023	02/15/2023	05/09/2023
NY	AST	Petroleum Bulk Storage	Department of Environmental Conservation	12/19/2022	12/19/2022	03/13/2023
NY	BROWNFIELDS	Brownfields Site List	Department of Environmental Conservation	02/06/2023	02/07/2023	04/24/2023
NY	CBS	Chemical Bulk Storage Site Listing	Department of Environmental Conservation	12/19/2022	12/19/2022	03/13/2023
NY	CBS AST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	CBS UST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	COAL ASH	Coal Ash Disposal Site Listing	Department of Environmental Conservation	12/06/2022	12/20/2022	03/13/2023
NY	COOLING TOWERS	Registered Cooling Towers	Department of Health	01/03/2023	01/11/2023	03/24/2023
NY	DEL SHWS	Delisted Registry Sites	Department of Environmental Conservation	02/06/2023	02/07/2023	04/24/2023
NY	DRYCLEANERS	Registered Drycleaners	Department of Environmental Conservation	03/06/2023	03/08/2023	05/25/2023
NY	E DESIGNATION	E DESIGNATION SITE LISTING	New York City Department of City Planning	10/27/2022	12/12/2022	03/07/2023
NY	ENG CONTROLS	Registry of Engineering Controls	Department of Environmental Conservation	02/06/2023	02/07/2023	04/24/2023
NY	ENV RES DECL	Environmental Restrictive Declarations	New York City Department of City Planning	06/22/2022	09/21/2022	12/01/2022
NY	ERP	Environmental Restoration Program Listing	Department of Environmental Conservation	02/06/2023	02/07/2023	04/24/2023
NY	Financial Assurance 1	Financial Assurance Information Listing	Department of Environmental Conservation	12/21/2022	12/21/2022	03/13/2023
NY	Financial Assurance 2	Financial Assurance Information Listing	Department of Environmental Conservation	07/31/2021	01/05/2023	03/24/2023
NY	HIST AST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006
NY	HIST LTANKS	Listing of Leaking Storage Tanks	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005
NY	HIST SPILLS	SPILLS Database	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005
NY	HIST UST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006
NY	HSWDS	Hazardous Substance Waste Disposal Site Inventory	Department of Environmental Conservation	01/01/2003	10/20/2006	11/30/2006
NY	INST CONTROL	Registry of Institutional Controls	Department of Environmental Conservation	02/06/2023	02/07/2023	04/24/2023
NY	LIENS	Spill Liens Information	Office of the State Comptroller	02/01/2023	02/02/2023	04/25/2023
NY	LTANKS	Spills Information Database	Department of Environmental Conservation	02/06/2023	02/07/2023	02/09/2023
NY	MOSF	Major Oil Storage Facility Site Listing	Department of Environmental Conservation	12/19/2022	12/19/2022	03/13/2023
NY	MOSF AST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	MOSF UST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	10/29/2021	01/19/2022
NY	NYC LEAD	Lead-based Paint Testing Results	New York City Department of Education	12/31/2022	02/01/2023	04/25/2023
NY	NYC LEAD 2	Recent Lead Paint Violations	New York City Department of Housing Preservat	01/30/2023	02/01/2023	04/25/2023
NY	PFAS	PFAS Contamination Site Location Listing	Department of Environmental Conservation	01/16/2019	05/08/2019	06/24/2019
NY	PFAS 2	New York State Inactive Landfill Initiative	Department of Environmental Conservation	11/14/2022	01/12/2023	01/23/2023
NY	PFAS 3	PFAS Environmental Site Remediation List	Department of Environmental Conservation	02/06/2023	02/07/2023	04/25/2023
NY	RES DECL	Restrictive Declarations Listing	NYC Department of City Planning	09/27/2022	12/12/2022	03/06/2023
NY	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Conservation		07/01/2013	12/30/2013
NY	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Conservation		07/01/2013	01/10/2014
NY	SHWS	Inactive Hazardous Waste Disposal Sites in New York State	Department of Environmental Conservation	02/06/2023	02/07/2023	04/24/2023
NY	SPDES	State Pollutant Discharge Elimination System	Department of Environmental Conservation	10/20/2022	11/09/2022	01/30/2023
NY	SPILLS	Spills Information Database	Department of Environmental Conservation	02/06/2023	02/07/2023	02/09/2023
NY	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	11/02/2010	01/03/2013	03/07/2013
NY	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	12/14/2012	01/03/2013	02/12/2013
NY	SWF/LF	Facility Register	Department of Environmental Conservation	12/21/2022	12/22/2022	12/30/2022
NY	SWRCY	Registered Recycling Facility List	Department of Environmental Conservation	12/21/2022	12/22/2022	12/30/2022
NY	SWTIRE	Registered Waste Tire Storage & Facility List	Department of Environmental Conservation	02/27/2018	04/06/2018	06/08/2018
NY	TANKS	Storage Tank Faciliy Listing	Department of Environmental Conservation	12/19/2022	12/19/2022	03/13/2023
NY	UIC	Underground Injection Control Wells	Department of Environmental Conservation	02/26/2023	03/01/2023	05/19/2023
NY	UST	Petroleum Bulk Storage (PBS) Database	Department of Environmental Conservation	12/19/2022	12/19/2022	03/13/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
NY	VAPOR REOPENED	Vapor Intrusion Legacy Site List	Department of Environmental Conservation	01/01/2022	02/08/2022	05/06/2022
NY	VCP	Voluntary Cleanup Agreements	Department of Environmental Conservation	02/06/2023	02/07/2023	04/24/2023
NY	VCP NYC	Voluntary Cleanup Program Listing NYC	New York City Office of Environmental Protect	03/06/2023	03/08/2023	05/25/2023
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/17/2023	03/17/2023	05/30/2023
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	04/27/2023	04/27/2023	05/02/2023
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2020	11/30/2021	02/22/2022
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2022	01/12/2023	04/07/2023
US	CORRACTS	Corrective Action Report	EPA	03/06/2023	03/09/2023	03/20/2023
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	04/26/2023	05/02/2023	05/17/2023
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/01/2023	01/04/2023	04/03/2023
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/20/2023	03/21/2023	05/30/2023
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	03/26/2023	03/28/2023	05/30/2023
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	03/08/2023	03/09/2023	05/30/2023
US	FINDS	Facility Index System/Facility Registry System	EPA	02/02/2023	02/28/2023	03/24/2023
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	02/01/2023	02/14/2023	05/02/2023
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/13/2023	02/14/2023	04/19/2023
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	07/26/2021	07/27/2021	10/22/2021
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/19/2023	03/21/2023	05/30/2023
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/19/2022	12/06/2022	03/03/2023
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	11/23/2022	12/06/2022	04/19/2023
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	11/26/2022	12/06/2022	03/03/2023
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/14/2022	12/06/2022	03/03/2023
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	11/23/2022	12/06/2022	03/03/2023
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/14/2022	12/06/2022	03/03/2023
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	11/23/2022	12/06/2022	03/03/2023
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	11/23/2022	12/06/2022	03/03/2023
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/19/2022	12/06/2022	03/03/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	11/23/2022	12/06/2022	04/19/2023
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/14/2022	12/06/2022	03/03/2023
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/14/2022	12/06/2022	03/03/2023
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	11/23/2022	12/06/2022	03/03/2023
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	11/23/2022	12/06/2022	03/03/2023
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	04/26/2023	05/02/2023	05/17/2023
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	04/26/2023	05/02/2023	05/17/2023
US	LUCIS	Land Use Control Information System	Department of the Navy	02/08/2023	02/09/2023	05/02/2023
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	02/27/2023	03/01/2023	03/24/2023
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	03/15/2023	03/21/2023	05/30/2023
US	NPL	National Priority List	EPA	04/26/2023	05/02/2023	05/17/2023
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	11/03/2022	01/04/2023	04/03/2023
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	07/14/2011	08/05/2011	09/29/2011
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS ECHO FIRE TRAINING	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	03/30/2023	03/30/2023	04/07/2023
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	03/30/2023	03/30/2023	04/07/2023
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	02/23/2022	07/08/2022	11/08/2022
US	PFAS PART 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	03/30/2023	03/30/2023	04/03/2023
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	03/30/2023	03/30/2023	05/02/2023
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	03/07/2023	03/07/2023	03/24/2023
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	01/03/2022	03/31/2022	11/08/2022
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	03/30/2023	03/30/2023	05/02/2023
US	PRP	Potentially Responsible Parties	EPA	04/26/2023	05/02/2023	05/17/2023
US	Proposed NPL	Proposed National Priority List Sites	EPA	04/26/2023	05/02/2023	05/17/2023
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	03/06/2023	03/09/2023	03/20/2023
US	RMP	Risk Management Plans	Environmental Protection Agency	04/27/2022	05/04/2022	05/10/2022
US	ROD	Records Of Decision	EPA	04/26/2023	05/02/2023	05/17/2023
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	SEMS	Superfund Enterprise Management System	EPA	04/26/2023	05/02/2023	05/17/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	04/26/2023	05/02/2023	05/17/2023
US	SSTS	Section 7 Tracking Systems	EPA	01/17/2023	01/18/2023	04/19/2023
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2021	02/16/2023	05/02/2023
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	04/06/2023	04/13/2023	04/19/2023
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	01/06/2023	02/02/2023	02/10/2023
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	02/20/2023	02/21/2023	05/02/2023
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/13/2023	03/21/2023	05/30/2023
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	01/06/2023	02/02/2023	02/10/2023
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	02/20/2023	02/21/2023	05/02/2023
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/02/2023	02/22/2023	05/17/2023
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	01/07/2022	02/24/2023	05/17/2023
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	11/09/2021	10/20/2022	01/10/2023
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	11/16/2022	11/16/2022	02/06/2023
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	10/28/2019	10/29/2019	01/09/2020
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
NY	Daycare Centers	Sensitive Receptor: Day Care Providers	Department of Health			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
NY	State Wetlands	Freshwater Wetlands	Department of Environmental Conservation			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St Acronym Full Name Government Agency Gov Date Arvl. Date Active Date

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

10121 101ST STREET
10121 101 STREET
OZONE PARK, NY 11416

TARGET PROPERTY COORDINATES

Latitude (North):	40.684634 - 40° 41' 4.68"
Longitude (West):	73.84089 - 73° 50' 27.20"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	597949.7
UTM Y (Meters):	4504184.0
Elevation:	39 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14105978 JAMAICA, NY
Version Date:	2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

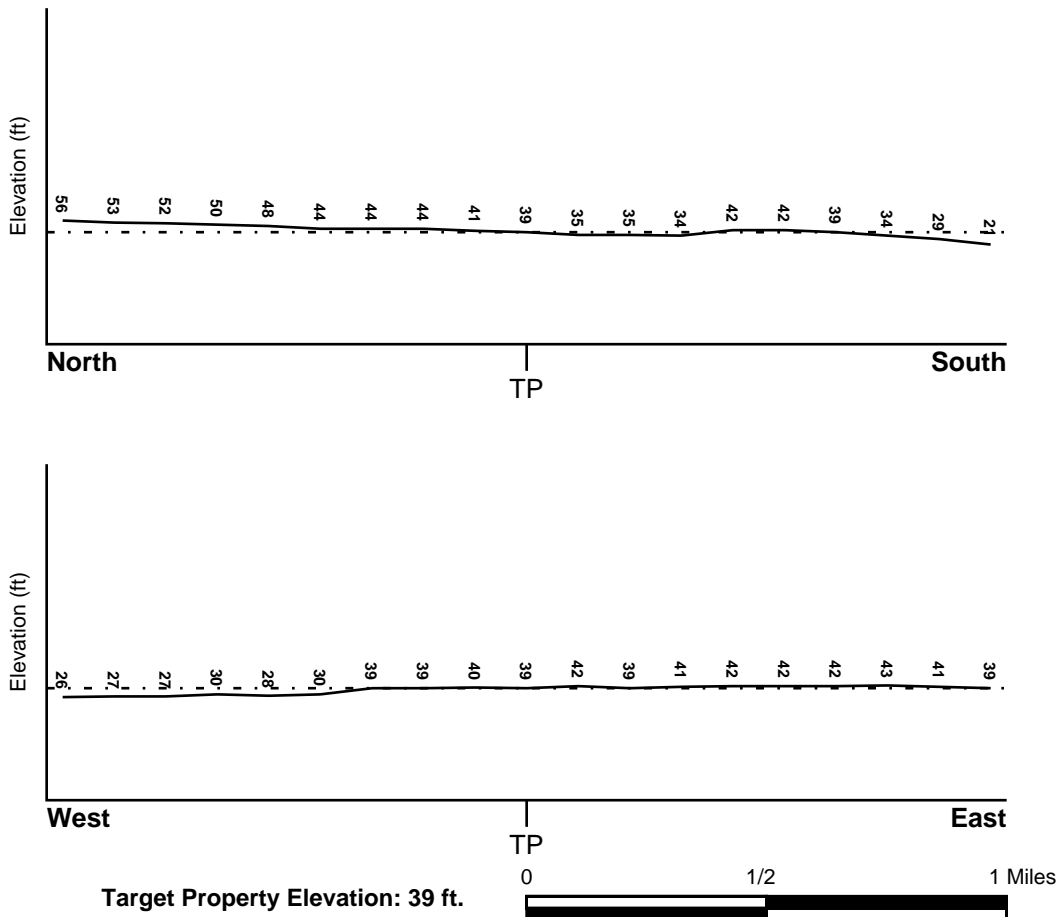
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
3604970237F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
3604970229F	FEMA FIRM Flood data
3604970058B	FEMA Q3 Flood data
3604970066B	FEMA Q3 Flood data
3604970236F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
JAMAICA	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile NNW
Site Name:	Liberty Heat Treating Co. Inc.
Site EPA ID Number:	NYD053169694
Groundwater Flow Direction:	NOT AVAILABLE.
Inferred Depth to Water:	approximately 60 feet.
Hydraulic Connection:	permeable deposits are located above the surficial aquifer and the surficial aquifer is hydraulically connected to underlying aquifers.
Sole Source Aquifer:	A sole source aquifer is present at or near the site
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Pleistocene
Code: Qp (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000828852	0 - 1/8 Mile NW
2	USGS40000828420	1/4 - 1/2 Mile SSE
A3	USGS40000828580	1/4 - 1/2 Mile ENE
A4	USGS40000828581	1/4 - 1/2 Mile ENE
A5	USGS40000828573	1/4 - 1/2 Mile ENE
6	USGS40000828636	1/4 - 1/2 Mile North
7	USGS40000828389	1/4 - 1/2 Mile SSW
B8	USGS40000828496	1/4 - 1/2 Mile West
9	USGS40000828592	1/4 - 1/2 Mile WNW
B10	USGS40000828500	1/2 - 1 Mile West
11	USGS40000828530	1/2 - 1 Mile East
12	USGS40000828582	1/2 - 1 Mile WNW
13	USGS40000828337	1/2 - 1 Mile SE
C14	USGS40000828624	1/2 - 1 Mile WNW
15	USGS40000828776	1/2 - 1 Mile NNW
C16	USGS40000828625	1/2 - 1 Mile WNW
17	USGS40000828449	1/2 - 1 Mile WSW
18	USGS40000828516	1/2 - 1 Mile West
19	USGS40000828769	1/2 - 1 Mile NW
21	USGS40000828116	1/2 - 1 Mile SSE
D22	USGS40000828646	1/2 - 1 Mile ENE
23	USGS40000828123	1/2 - 1 Mile SSE
D24	USGS40000828658	1/2 - 1 Mile ENE
25	USGS40000828851	1/2 - 1 Mile NNW
26	USGS40000828098	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

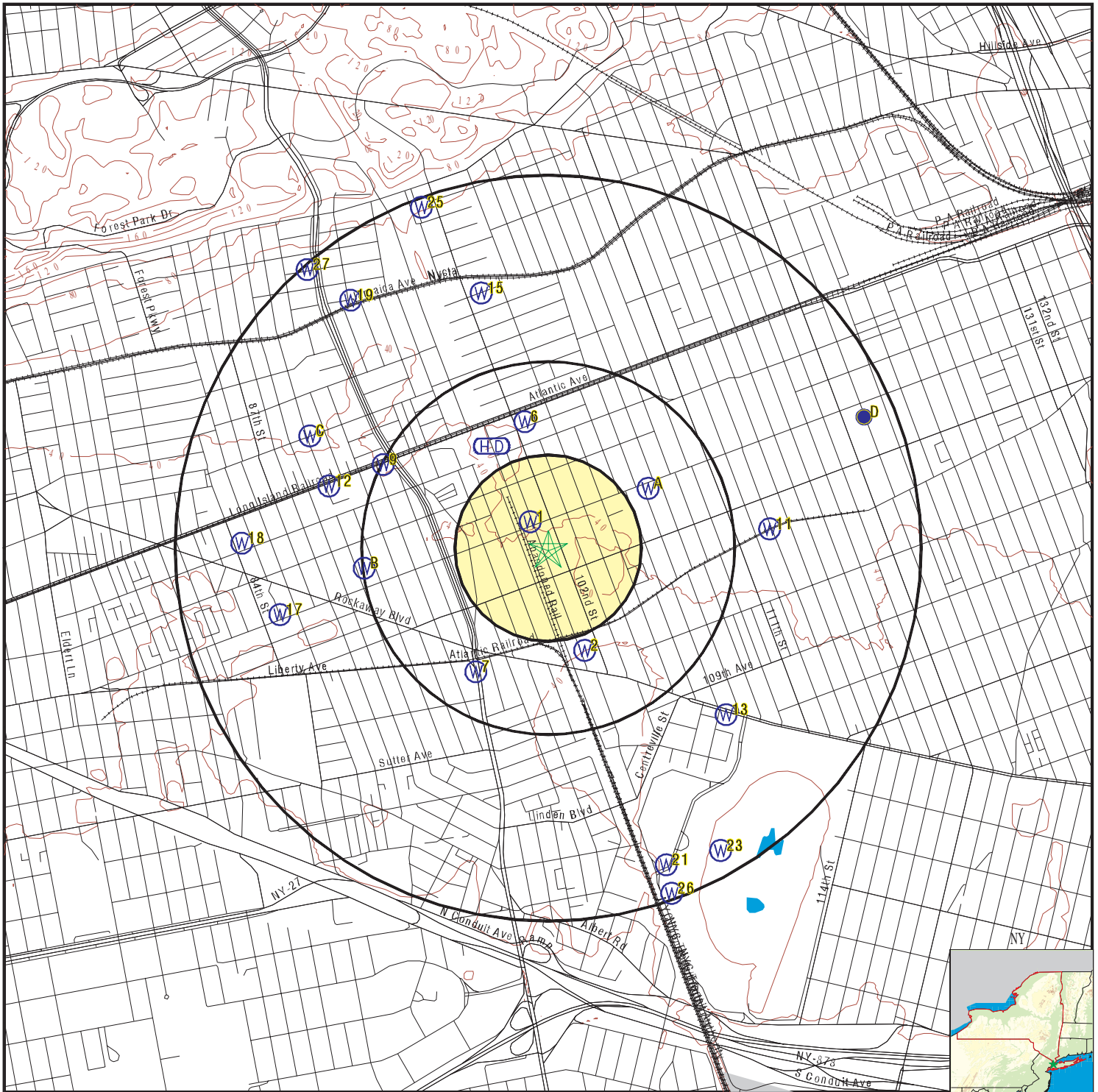
MAP ID	WELL ID	LOCATION FROM TP
D20	NY0011735	1/2 - 1 Mile ENE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
27	NYREG1000009718	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 7351608.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 10121 101st Street
 ADDRESS: 10121 101 Street
 Ozone Park NY 11416
 LAT/LONG: 40.684634 / 73.84089

CLIENT: Touchstone Environmental Geology, Corp
 CONTACT: Rachel M Ataman
 INQUIRY #: 7351608.2s
 DATE: May 31, 2023 8:57 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Direction	Distance	Elevation	Database	EDR ID Number
1	NW	0 - 1/8 Mile	Higher	FED USGS	USGS40000828852
		Click here for full text details			
2	SSE	1/4 - 1/2 Mile	Higher	FED USGS	USGS40000828420
		Click here for full text details			
A3	ENE	1/4 - 1/2 Mile	Higher	FED USGS	USGS40000828580
		Click here for full text details			
A4	ENE	1/4 - 1/2 Mile	Higher	FED USGS	USGS40000828581
		Click here for full text details			
A5	ENE	1/4 - 1/2 Mile	Higher	FED USGS	USGS40000828573
		Click here for full text details			
6	North	1/4 - 1/2 Mile	Higher	FED USGS	USGS40000828636
		Click here for full text details			
7	SSW	1/4 - 1/2 Mile	Lower	FED USGS	USGS40000828389
		Click here for full text details			
B8	West	1/4 - 1/2 Mile	Lower	FED USGS	USGS40000828496
		Click here for full text details			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
9 WNW 1/4 - 1/2 Mile Higher	Click here for full text details	FED USGS	USGS40000828592
B10 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000828500
11 East 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000828530
12 WNW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000828582
13 SE 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000828337
C14 WNW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000828624
15 NNW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000828776
C16 WNW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000828625
17 WSW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000828449

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
18 West 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000828516
19 NW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000828769
D20 ENE 1/2 - 1 Mile Higher	Click here for full text details	FRDS PWS	NY0011735
21 SSE 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000828116
D22 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000828646
23 SSE 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000828123
D24 ENE 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000828658
25 NNW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40000828851
26 SSE 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40000828098

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database

EDR ID Number

27
NW
1/2 - 1 Mile
Higher

[Click here for full text details](#)

NY WELLS

NYREG1000009718

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for QUEENS County: 3

- Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area	0.620 pCi/L	97%	0%	3%
Basement	0.970 pCi/L	93%	6%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Department of Environmental Conservation

Telephone: 518-402-8072

These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

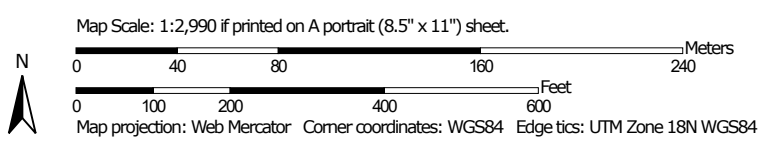
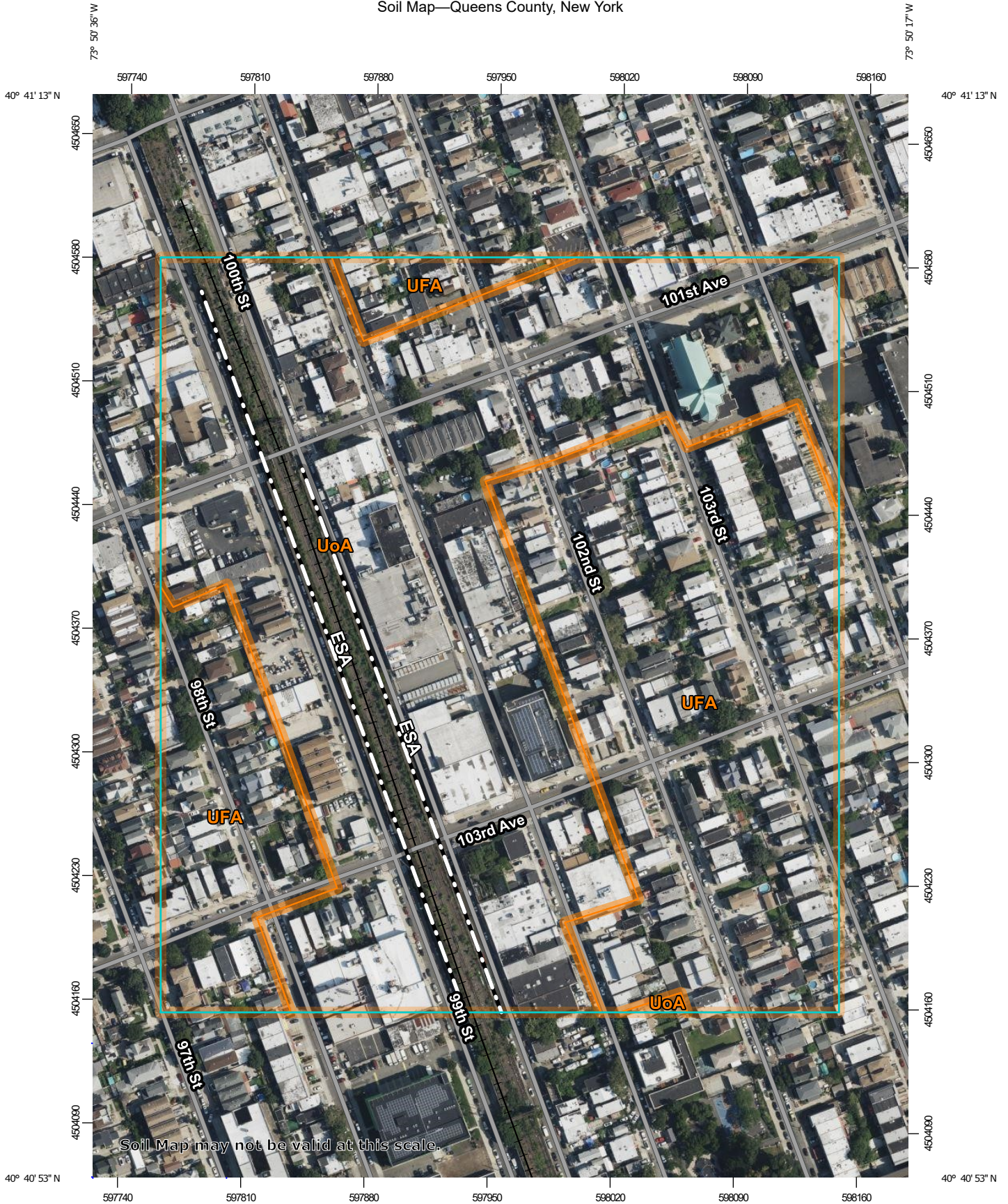
PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix B
Regulatory Agency Documents

Soil Map—Queens County, New York




MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Queens County, New York

Survey Area Data: Version 13, Sep 10, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 13, 2021—Sep 14, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
UFA	Urban land-Flatbush complex, 0 to 3 percent slopes	17.4	42.7%
UoA	Urban land, outwash substratum, 0 to 3 percent slopes	23.4	57.3%
Totals for Area of Interest		40.9	100.0%



U.S. Fish and Wildlife Service





National Wetlands Inventory

101-21 101st Street, Queens, NY



August 4, 2023

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

101-21 101st Street - Digital Tax Map - New York City Dept. of Finance (8/7/2023)



Copyright 2023 The City of New York

- Borough Boundary
- Tax Block Boundary
- 50** Tax Block Number
- Tax Lot Boundary
- 50** Tax Lot Number
- Condo FKA Tax Lot Number
- 50.5** Tax Lot Dimension
- +/-5.5** Approximate Tax Lot Dimension
- 1500 - 1550** Condo Units Range Label
- Building Footprint
- C50** Condo Flag/Condo Number
- A50** Air Right Flag/Lot Number
- S50** Subterranean Right Flag/Lot Number
- R** REUC Flag
- Under Water Tax Lot Boundary
- Other Boundary
- Possession Hook
- Misc** Miscellaneous Text
- Small Tax Lot Dimension
- Surface Water

QUEENS Block: 9419 Lot: 49

- Additional Tax Lot Information

Tax Lot

ACRIS	Effective Tax Year
View	N/A

- Building & Property Information

Borough: QUEENS **Block:** 9419 **Lot:** 49
Police Precinct: 102
Owner: MRA LLC

Address: 101-21 101 STREET 11416
Lot Area: 32400 sf
Lot Frontage: 325.31' **Lot Depth:** 99.1
Year Built: 1947 N/A
Number of Buildings: 1
Number of Floors: 2
Gross Floor Area: 35,600 sf (estimated)
Residential Units: 0 **Total # of Units:** 1
Land Use: Industrial and Manufacturing
Zoning: M1-2

Commercial Overlay:

Zoning Map #: [18A](#)

[Dept. of City Planning, PLUTO 19v1 © 2019](#) and other city agency sources

Links to More Information

[Address Translator](#)

[Building Profile](#)

[Building Registration/Violation](#)

[DCP Zoning Map 18A](#)

[DOF Digital Tax Map](#)

[DOHMH Rat Information Portal](#)

[Tax and Property Records](#)



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NYC Department of Buildings
Property Browse by Boro/Block/Lot

Page: 1 of 1

Browsing QUEENS Block 9419 Lot 49

TAX LOT	ADDRESS	HOUSE NUM RANGE	LANDMARK	OBSOLETE	BIN
49	101-17 101 STREET	101-17 - 101-37			4198339
49	101-47 101 STREET	101-47 - 101-47			4809629

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



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NYC Department of Buildings

Property Profile Overview

101-17 101 STREET
101 STREET

101-17 - 101-37

QUEENS 11416

Health Area : 3100
Census Tract : 112
Community Board : 409
Buildings on Lot : 1

BIN# 4198339

Tax Block : 9419
Tax Lot : 49
Condo : NO
Vacant : NO

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

Cross Street(s): 101 AVENUE, 103 AVENUE
DOB Special Place Name:
DOB Building Remarks: AKA 101-21 101 STREET
Landmark Status: Special Status: N/A
Local Law: NO Loft Law: NO
SRO Restricted: NO TA Restricted: NO
UB Restricted: NO
Environmental Restrictions: N/A Grandfathered Sign: NO
Legal Adult Use: NO City Owned: NO
Additional BINs for Building: NONE
HPD Multiple Dwelling: No

Special District: UNKNOWN

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

Department of Finance Building Classification: F1-FACTORY/INDSTRAL

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

	Total	Open	Elevator Records
Complaints	5	0	Electrical Applications
Violations-DOB	26	0	Permits In-Process / Issued
Violations-OATH/ECB	0	0	Illuminated Signs Annual Permits
Jobs/Filings	7		Plumbing Inspections
ARA / LAA Jobs	3		Open Plumbing Jobs / Work Types
Total Jobs	10		Facades
Actions	84		Marquee Annual Permits
OR Enter Action Type: <input type="text"/>			Boiler Records
OR Select from List: <input type="text" value="Select..."/>			DEP Boiler Information
AND <input type="button" value="Show Actions"/>			Crane Information
			After Hours Variance Permits

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



[CLICK HERE TO SIGN UP FOR BUILDINGS NEWS](#)

NYC Department of Buildings

Property Profile Overview

101-47 101 STREET
101 STREET

101-47 - 101-47

QUEENS 11416

Health Area : 3100
Census Tract : 112
Community Board : 409

BIN# 4809629

Tax Block : 9419
Tax Lot : 49

[View DCP Addresses...](#) [Browse Block](#)

[View Zoning Documents](#) [View Challenge Results](#) [Pre - BIS PA](#) [View Certificates of Occupancy](#)

Cross Street(s): 101 AVENUE, 103 AVENUE

DOB Special Place Name:

DOB Building Remarks:

Landmark Status:

Special Status: N/A

Local Law: NO

Loft Law: NO

SRO Restricted: NO

TA Restricted: NO

UB Restricted: NO

Environmental Restrictions: N/A

Grandfathered Sign: NO

Legal Adult Use: NO

City Owned: NO

Additional BINs for Building: NONE

HPD Multiple Dwelling: No

Special District: UNKNOWN

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

Department of Finance Building Classification: F1-FACTORY/INDSTRIAL

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

	Total	Open	Elevator Records
Complaints	0	0	Electrical Applications
Violations-DOB	0	0	Permits In-Process / Issued
Violations-OATH/ECB	0	0	Illuminated Signs Annual Permits
Jobs/Filings	0		Plumbing Inspections
ARA / LAA Jobs	0		Open Plumbing Jobs / Work Types
Total Jobs	0		Facades
Actions	8		Marquee Annual Permits
OR Enter Action Type: <input type="text"/>			Boiler Records
OR Select from List: <input type="text" value="Select..."/>			DEP Boiler Information
AND <input type="button" value="Show Actions"/>			Crane Information
			After Hours Variance Permits

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

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF QUEENS, CITY OF NEW YORK

No. **Q 18390**

Date **3/16/56**

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C.26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building—premises located at
101-19 101st. Street, FS 225.21' S/o 101st. Ave. Block **9+19** Lot **52**

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

~~Alt. No.~~ Alt. No.— **Alt. 1501/55** Construction classification— **Frame**
 Occupancy classification— **Res.** . Height **2** stories, **31** feet
 Date of completion— **2/29/56** . Located in **Unrest.** Use District
 Area **1** . Height Zone at time of issuance of permit

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

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
Cellar	On gr.				Boiler room & Storage
1	40			Two	Dwelling
2	40			Four	Dwelling

NO MORE THAN TWO
 PERSONS PER ROOM
 EXCEPT AS PROVIDED
 IN THE BUILDING CODE

[Signature]
 Borough Superintendent

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

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

DEPARTMENT OF BUILDINGS

BOROUGH OF QUEENS, THE CITY OF NEW YORK

Date 6/2/64

No. Q 200302

CERTIFICATE OF OCCUPANCY

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

This certificate supersedes C. O. No. Q 149851

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building—premises located at Block 9429 Lot 49

101-21 101st. St. That the zoning lot and premises above referred to are situated, bounded and described as follows:

BEGINNING at a point on the East side of 101st. St. distant 175.16' feet South from the corner formed by the intersection of 101st. Ave. and 101st. St. running thence S. 245.23' feet; thence E. 100' feet; thence N. 245.23' feet; thence W. 100' feet; running thence ... feet; thence ... feet;

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

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

Alt. No.— Alt. 433/61 Construction classification— Non-fire
 Occupancy classification— Comm. Height 2 stories, 33 feet.
 Date of completion— 5/12/64 Located in R-5 Zoning District.
 at time of issuance of permit.

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

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces
 Off-Street Loading Berths

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
1	On gr.	20	Factory, loading & unloading
2	120	35	Office & Factory
			Parking space for employees
			Fire Dept. Certification 2/11/63.

W. J. ...
 Borough Superintendent

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF

QUEENS

CITY OF NEW YORK

No. **83114**

Date **7/30/52**

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C.26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the new ~~altered~~ ~~existing~~ building premises located at

101-19 101 Street, ES 225' S. 101 Ave. Block **019** Lot **52**

, conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and

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

N.B.S. Alt. No. **NB 371/50**

Construction classification—

Occupancy classification—

Res.

Height

1

stories,

Non-fire feet.

Date of completion—

7/24/52

Located in

Unres.

11 Use District.

D

Area

1

Height Zone at time of issuance of permit

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

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
1	On Gr.				Two Car Garage, Accessory Use.

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

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Housing and Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.

DEPARTMENT OF BUILDINGS

BOROUGH OF QUEENS, THE CITY OF NEW YORK

Date 7/12/68

No. 2 173230

CERTIFICATE OF OCCUPANCY

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

This certificate supersedes C. O. No.

THIS CERTIFIES that the ~~new~~ altered ~~existing~~ building—premises located at

181-21 181 Street

Block 9419 Lot 49

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

BEGINNING at a point on the East side of 181st Street
 starting 175.16 feet South from the corner formed by the intersection of
 181st Avenue and 181st Street
 running thence S. 325.31 feet; thence E. 99.10 feet;
 thence N. 175.16 feet; thence E. 1.0 feet; thence N. 150.17 feet; thence W. 100.10 feet;
 running thence _____ feet; thence _____ feet;

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

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

Permit or Alt. No.— Alt. 483/67

Construction classification— Non-fire

Occupancy classification— Comm.

Height 2 stories, 33 feet.

Date of completion— 6/12/68

Located in M1-2 Zoning District.

Date of issuance of permit.

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

PERMISSIBLE USE AND OCCUPANCY

Off-Street Parking Spaces _____

Off-Street Loading Berths _____

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED	USE
Cellar	0.G.		Equip. Rm.
1st	0.G.	47	Factory loading & unloading
2nd	120	113	Office & Factory Accessory parking for 35 cars. Performance standards applicable to M1 districts will be complied with. Fire Dept. Cert. 7/12/68 Floor Slab on Fill, affidavit on file.

THIS CERTIFICATE OF OCCUPANCY IS VALID ONLY AS LONG AS THE BUILDING IS IN COMPLIANCE WITH ALL APPLICABLE ZONING REGULATIONS AND ALL OTHER LAWS AND ORDINANCES.

U. Louis Silver
 Borough Superintendent

DEPARTMENT OF BUILDINGS
BOROUGH OF QUEENS, THE CITY OF NEW YORK

No. **9 132104**
 Date **11/20/59**

20 000

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C.26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

THIS CERTIFIES that the new ~~inserted~~ ~~existing~~ building premises located at
101-21 101st. St., B3. 175' B/O 101st. Ave.

Block **19** Lot **55, 56, 52**

conforms substantially to the approved plans and specifications, and to the requirements of the building code and all other laws and ordinances, and of the rules and regulations of the Board of Standards and Appeals, applicable to a building of its class and kind at the time the permit was issued; and CERTIFIES FURTHER that, any provisions of Section 646F of the New York Charter have been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent.

N.B. ~~Permit~~ No. **M.B. 4017/58**

Occupancy classification— **Comm.**

Construction classification— **Fireproof**

Date of completion— **11/4/59**

Height **1** stories, **16** feet.

Area **1**

Located in **Unrestricted** Use District.

Height Zone at time of issuance of permit

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

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED			USE
		MALE	FEMALE	TOTAL	
1	On gr.	20	-	20	Factory, Loading & Unloading

J. J. Kelly
 Borough Superintendent

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

Unless an approval for the same has been obtained from the Borough Superintendent, no change or rearrangement in the structural parts of the building, or affecting the light and ventilation of any part thereof, or in the exit facilities, shall be made; no enlargement, whether by extending on any side or by increasing in height shall be made; nor shall the building be moved from one location or position to another; nor shall there be any reduction or diminution of the area of the lot or plot on which the building is located.

The building or any part thereof shall not be used for any purpose other than that for which it is certified.

The superimposed, uniformly distributed loads, or concentrated loads producing the same stresses in the construction in any story shall not exceed the live loads specified on reverse side; the number of persons of either sex in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons in any story exceed the specified total; and the use to which any story may be put shall be restricted to that fixed by this certificate except as specifically stated.

This certificate does not in any way relieve the owner or owners or any other person or persons in possession or control of the building, or any part thereof from obtaining such other permits, licenses or approvals as may be prescribed by law for the uses or purposes for which the building is designed or intended; nor from obtaining the special certificates required for the use and operation of elevators; nor from the installation of fire alarm systems where required by law; nor from complying with any lawful order for additional fire extinguishing appliances under the discretionary powers of the fire commissioner; nor from complying with any lawful order issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to remove encroachments into a public highway or other public place, whether attached to or part of the building or not.

If this certificate is marked "Temporary", it is applicable only to those parts of the building indicated on its face, and certifies to the legal use and occupancy of only such parts of the building; it is subject to all the provisions and conditions applying to a final or permanent certificate; it is not applicable to any building under the jurisdiction of the Housing Division unless it is also approved and endorsed by them, and it must be replaced by a full certificate at the date of expiration.

If this certificate is for an existing building, erected prior to March 14, 1916, it has been duly inspected and it has been found to have been occupied or arranged to be occupied prior to March 14, 1916, as noted on the reverse side, and that on information and belief, since that date there has been no alteration or conversion to a use that changed its classification as defined in the Building Code, or that would necessitate compliance with some special requirement or with the State Labor Law or any other law or ordinance; that there are no notices of violations or orders pending in the Department of Buildings at this time; that Section 646F of the New York City Charter has been complied with as certified by a report of the Fire Commissioner to the Borough Superintendent, and that, so long as the building is not altered, except by permission of the Borough Superintendent, the existing use and occupancy may be continued.

"§ 646 F. No certificate of occupancy shall be issued for any building, structure, enclosure, place or premises wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fire alarm systems or fire extinguishing equipment are required by law to be or are installed, until the fire commissioner has tested and inspected and has certified his approval in writing of the installation of such containers, systems or equipment to the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

Additional copies of this certificate will be furnished to persons having an interest in the building or premises, upon payment of a fee of fifty cents per copy.



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NYC Department of Buildings
Mechanical Data Query

It takes 24 hours for updated information to appear on this page. Additional information may be available in the [DOB NOW Public Portal](#).

Premises: 101-17 101 STREET QUEENS

Filed At: 101-29 101 ST

BIN: [4198339](#) Block: 9419 Lot: 49

Device Number: 4F827

Device Type: FREIGHT ELEVATOR

Record: 70402

Device Status: ACTIVE

Status Date: 09/27/1988

Stat Comm:

Approval:

Alteration:

Floor From:

Travel Distance:

Car Entrances:

Floor To:

Speed - F.P.M.:

Capacity - Lbs.:

HOIST ROPES CAR CNTWT ROPES MACHN CNTWT ROPES BACKDRUM ROPES GOVERNOR ROPES

Quantity

Size

Kind

Governor Type:

Safety Type:

Machine Type: OIL HYDRAULIC

Mode Operation:

Car Buffer Type:

Fireman's Service: No

Working Pressure:

Manufacturer:

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

Application ID **BBL** Address

Borough


Queens ▼

Block


9419

Lot

49

 Search

Search Result for Borough: Queens Block: 9419 Lot: 49

 Export

Application ID ↑↓	House ↑↓	Street ↑↓	Borough ↑↓	Premise ↑↓	Owner ↑↓	Expiration Date ↑↓	Ap Typ
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No permits found.

« < > » 10 ▼



Gabrielle Castro <gabriellecastro@touchstoneenvironmental.com>

[OpenRecords] Request FOIL-2023-826-03495 Closed

1 message

donotreply@records.nyc.gov <donotreply@records.nyc.gov>

Wed, Aug 9, 2023 at 11:11 AM

Reply-To: foil@dep.nyc.gov

To: gabriellecastro@touchstoneenvironmental.com

The Department of Environmental Protection (DEP) has **closed** your FOIL request [FOIL-2023-826-03495](#) for the following reasons:

- A diligent search for records responsive to your request did not locate any such records. Accordingly, your request is denied.

You may appeal the decision to deny access to material that was redacted in part or withheld in entirety by contacting the agency's FOIL Appeals Officer: foilappeals@dep.nyc.gov within 30 days.



Gabrielle Castro <gabriellecastro@touchstoneenvironmental.com>

Freedom of Information Law Request :: W119482-080723

1 message

New York DEC FOIL Center <newyorkdec@govqa.us>

Wed, Aug 9, 2023 at 12:14 PM

To: "gabriellecastro@touchstoneenvironmental.com" <gabriellecastro@touchstoneenvironmental.com>

--- Please respond above this line ---



Region 2 - Long Island City

P: (718) 482-4912 | F:

www.dec.ny.gov

RE: PUBLIC RECORDS REQUEST of 8/7/2023, Reference # W119482-080723

Date: 08/09/2023

Dear Gabrielle Castro,

In response to your Freedom of Information Law (FOIL) request seeking:

Records/information regarding the generation, transportation, storage, treatment, disposal, and/or spills or releases of hazardous substances or petroleum products at 10121 101st Street, Ozone Park, Queens, NY 11416 (Block 9419, Lot 49) including information related to the Ozone Industries SHWS Site (Site Code 241033). The property is additionally identified as 101-17, 101-19, 101-23, 101-25, 101-27, 101-29, 101-31, 101-33, 101-35, 101-37, 101-39, 101-41, 101-43, 101-45, and 101-47 101st Street.

Please be advised that a diligent search of the files maintained by DEC produced no responsive records.

If you believe you have been unlawfully denied access to responsive records, you have the right to appeal. Any such appeal must be submitted in writing and within thirty (30) days of the date of this email. Appeals must be directed to:

FOIL Appeals Officer
Office of General Counsel
New York State Department of Environmental Conservation
625 Broadway, 14th Floor
Albany, NY 12233-1500

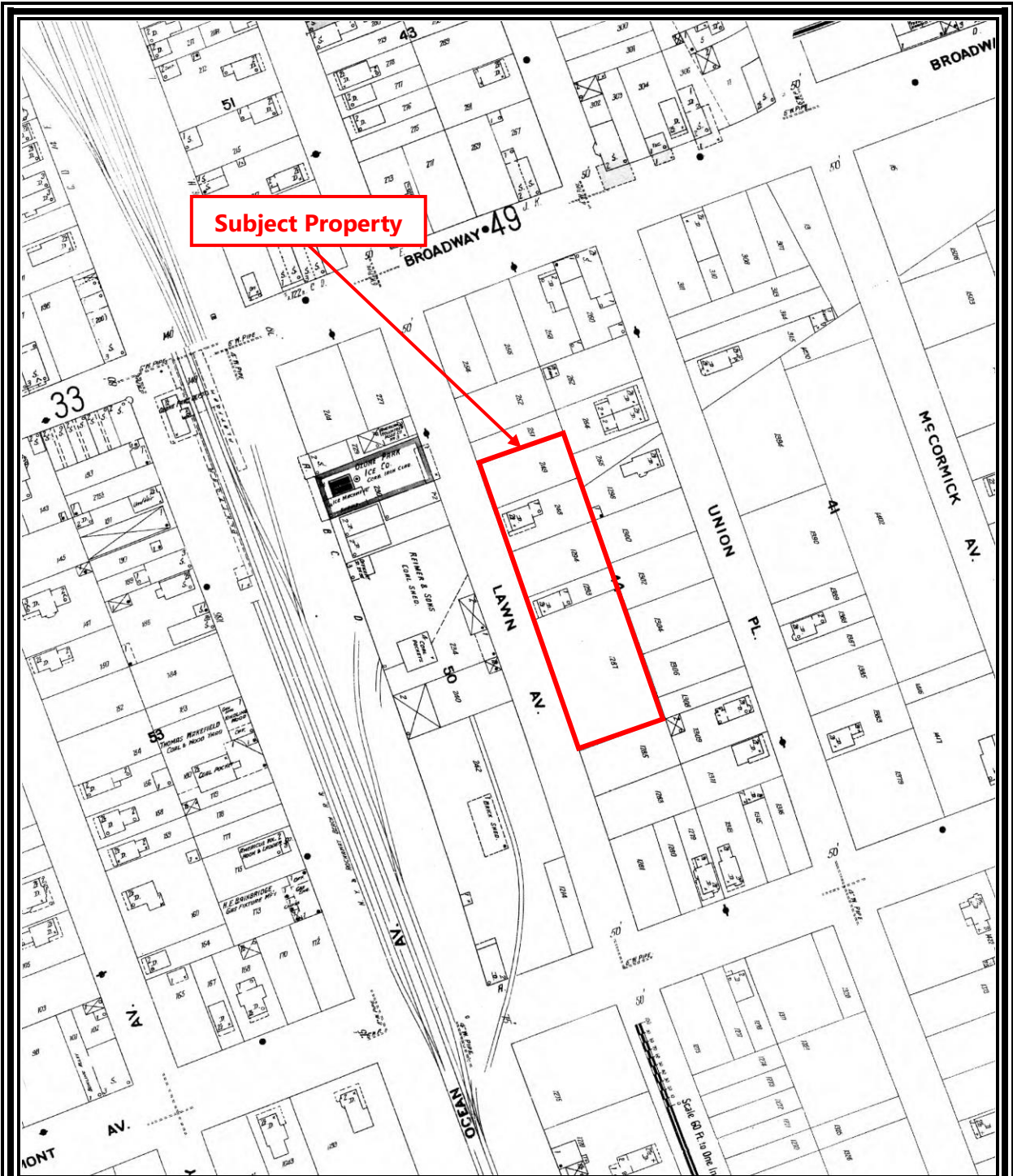
Your FOIL request is now closed. For further assistance, please call (718) 482-4912 and reference FOIL #W119482-080723, or simply reply to this email. Thank you.

Sincerely,

Region 2 FOIL Coordinator

Appendix C
Historical Documentation

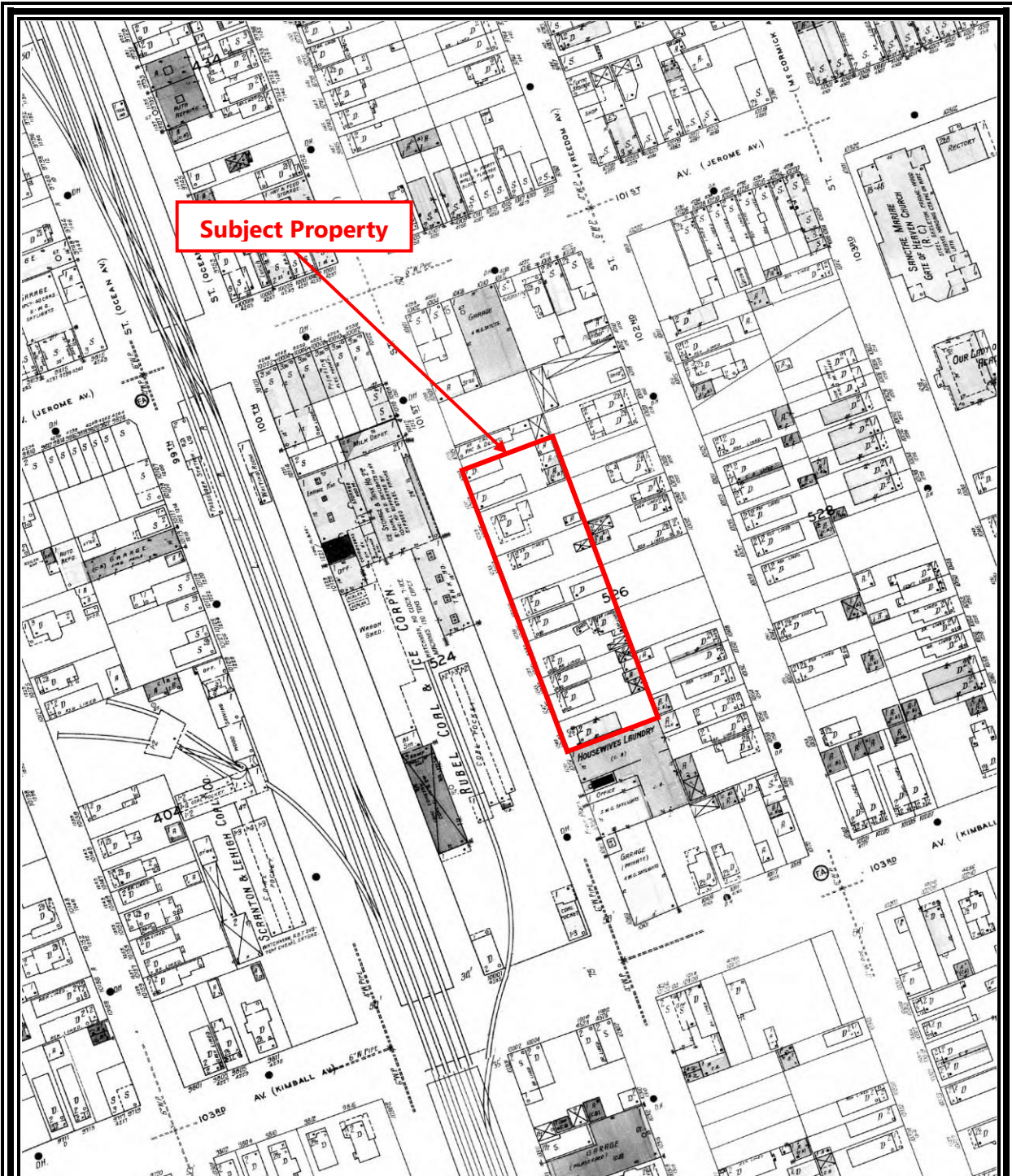
HISTORICAL SANBORN MAPS



1901 Historic Sanborn Map

101-21 101st Street
Queens, New York 11416



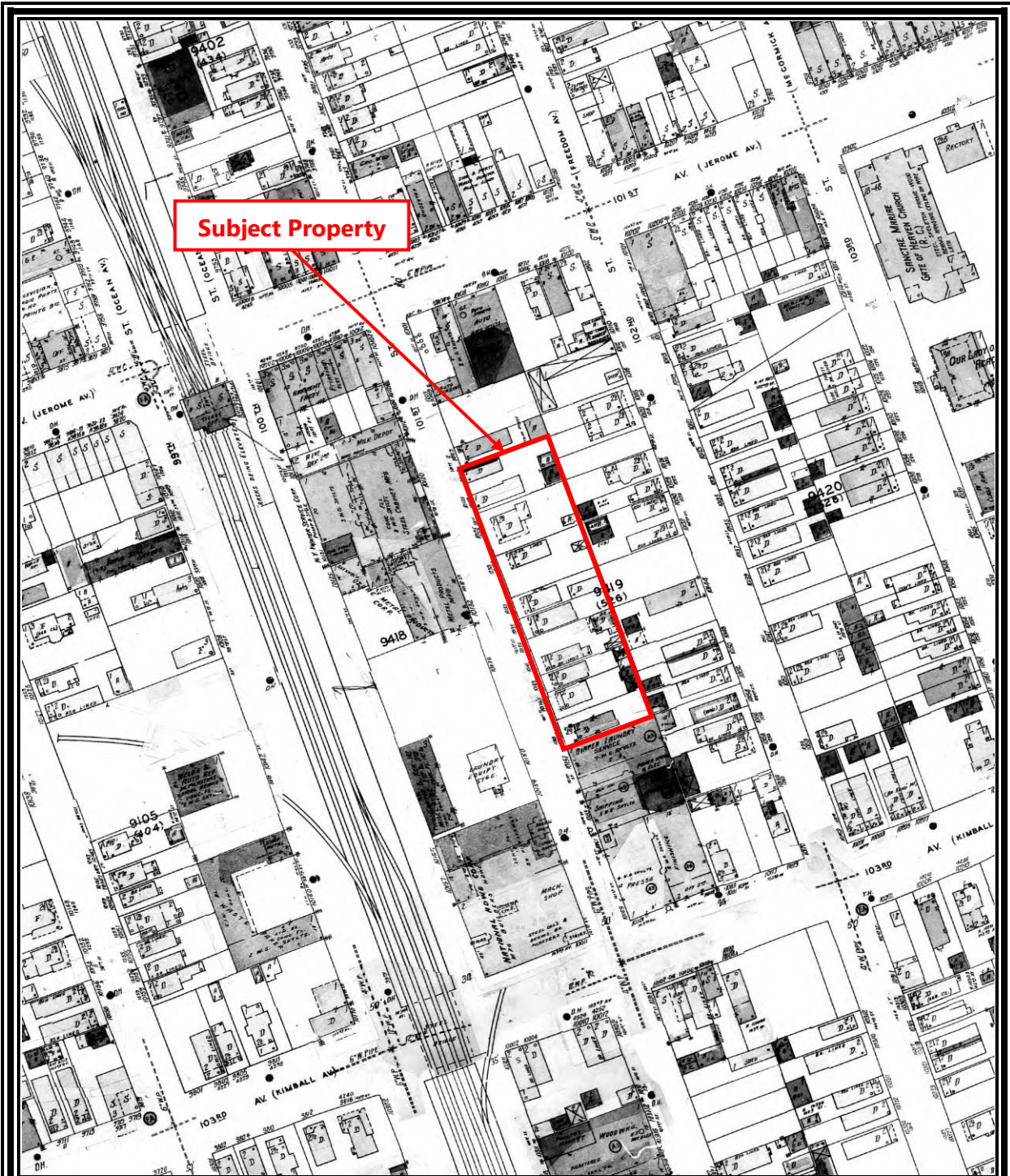


1927 Historic Sanborn Map

101-21 101st Street
Queens, New York 11416

TOUCHSTONE
ENVIRONMENTAL GEOLOGY P.C.

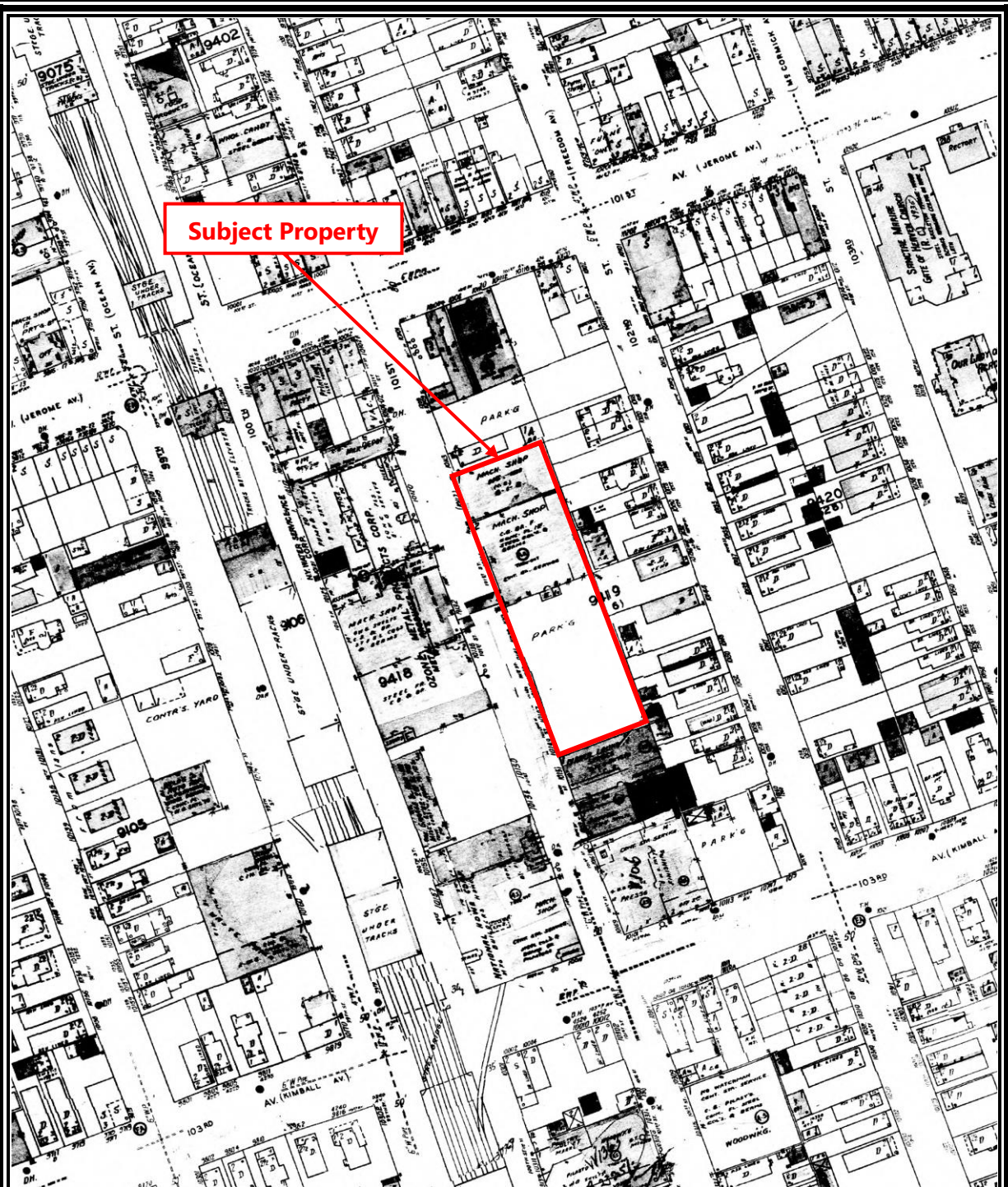




1950 Historic Sanborn Map

101-21 101st Street
Queens, New York 11416





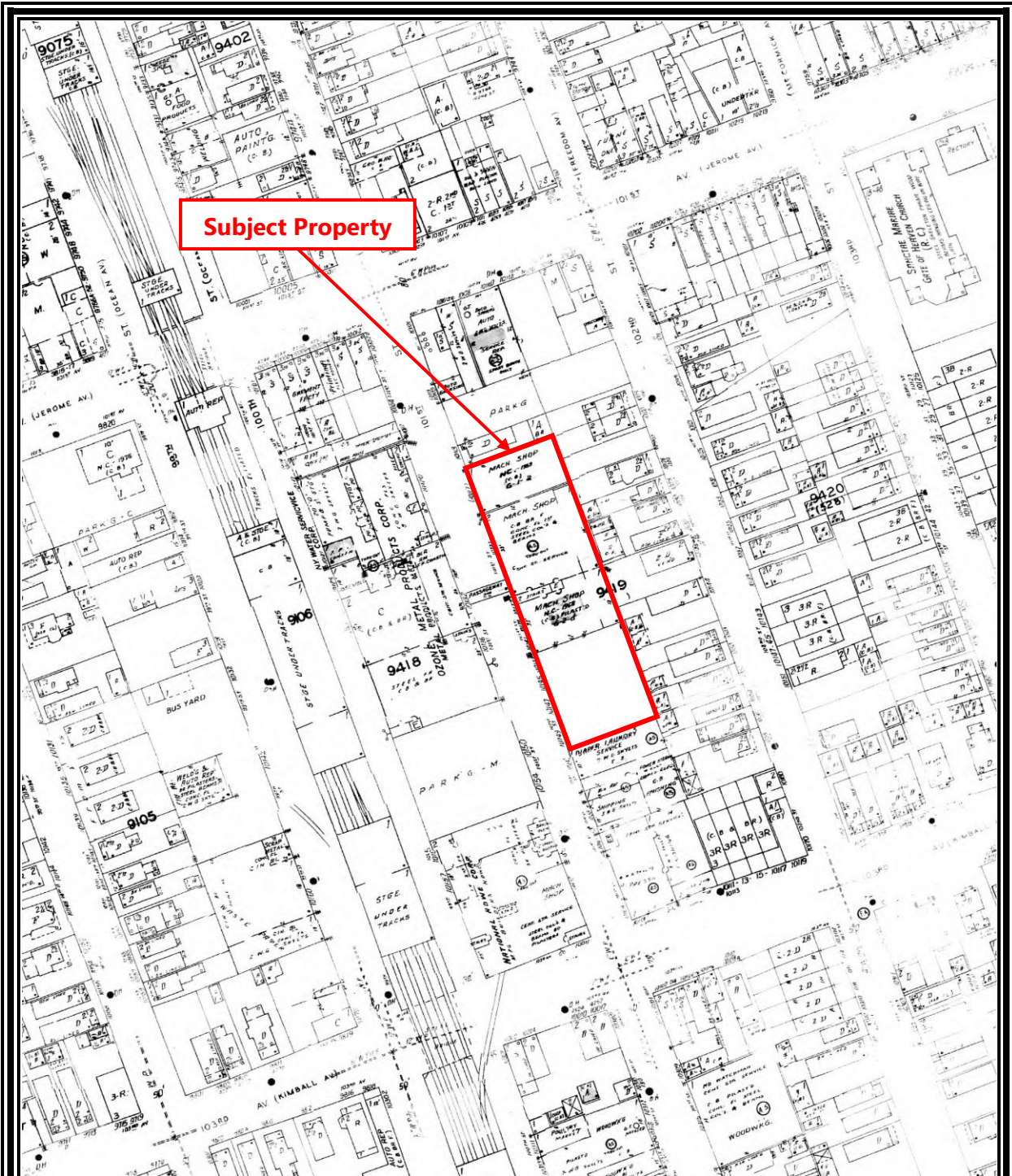
Subject Property

1966 Historic Sanborn Map

101-21 101st Street
Queens, New York 11416

TOUCHSTONE
ENVIRONMENTAL GEOLOGY P.C.



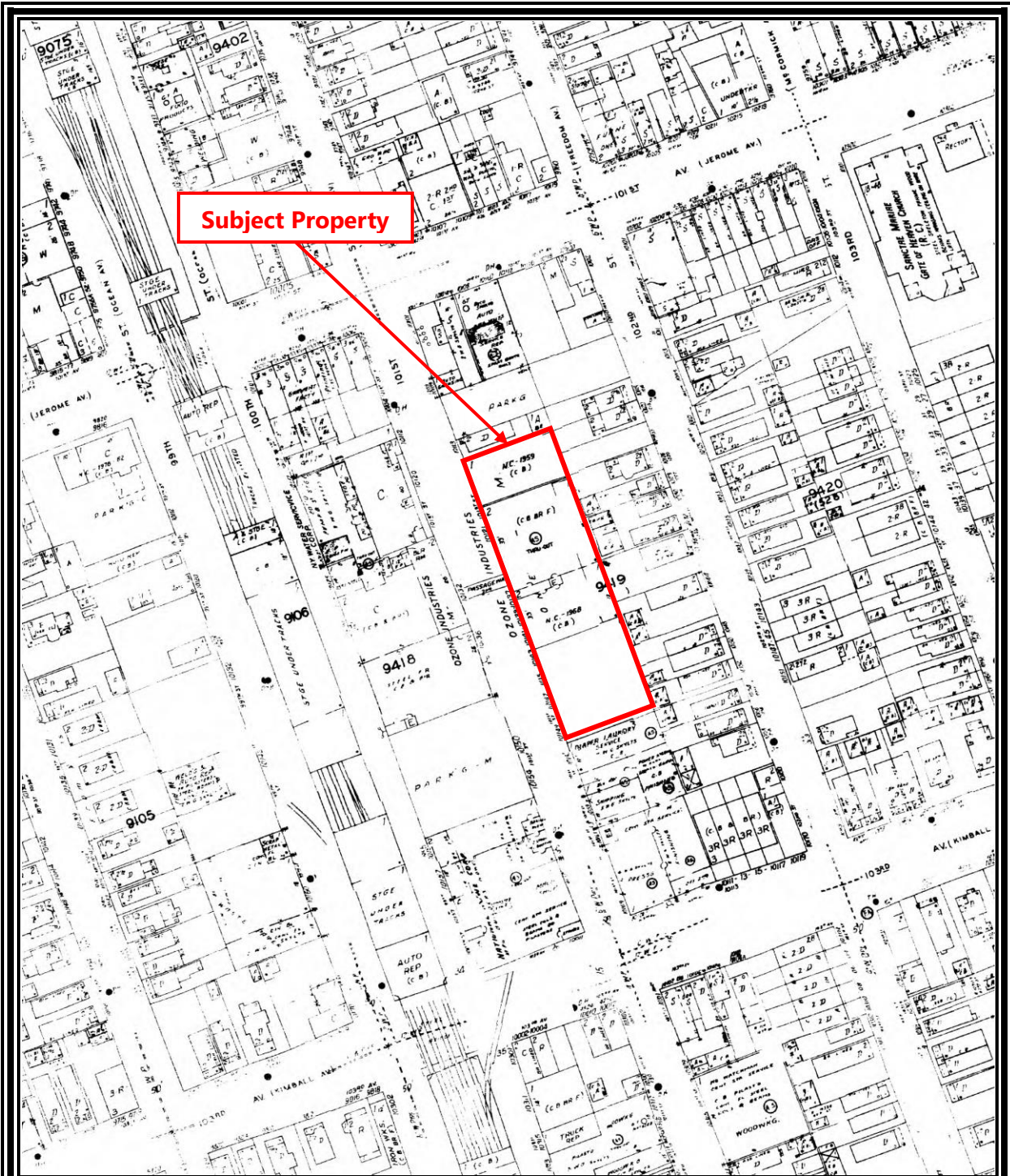


1980 Historic Sanborn Map

101-21 101st Street
Queens, New York 11416

TOUCHSTONE
ENVIRONMENTAL GEOLOGY P.C.



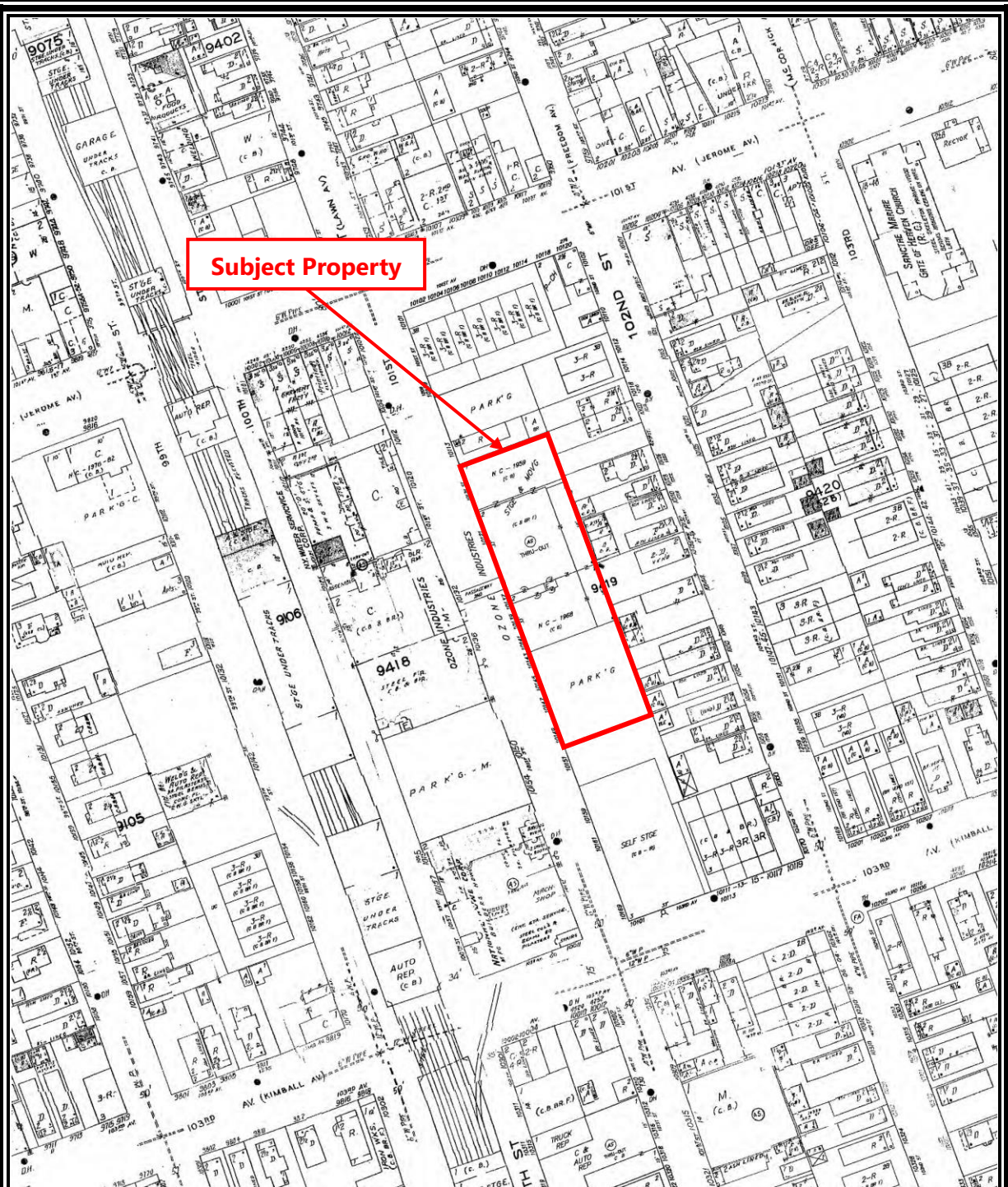


1988 Historic Sanborn Map

101-21 101st Street
Queens, New York 11416

TOUCHSTONE
ENVIRONMENTAL GEOLOGY P.C.





2006 Historic Sanborn Map

101-21 101st Street
Queens, New York 11416

TOUCHSTONE
ENVIRONMENTAL GEOLOGY P.C.



Appendix D
City Directory Search

10121 101st Street

10121 101 Street

Ozone Park, NY 11416

Inquiry Number: 7351608.5

May 31, 2023

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately 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 current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

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.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2020	EDR Digital Archive	X	X	X	-
2017	Cole Information	X	X	X	-
2014	Cole Information	X	X	X	-
2010	Cole Information	X	X	X	-
2005	Cole Information	X	X	X	-
	Hill-Donnelly Information Services	X	X	X	-
2000	Cole Information	-	X	X	-
1996	NYNEX	-	-	-	-
1995	Cole Information	-	X	X	-
1992	Cole Information	-	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	X	-
1962	New York Telephone Directory	X	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1950	New York Telephone	-	-	-	-
1945	New York Telephone	-	X	X	-
1939	New York Telephone Company	-	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1922	H.C. Morris	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

10121 101 Street
Ozone Park, NY 11416

FINDINGS DETAIL

Target Property research detail.

101ST ST

10121 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	ALEXANDRA DEBONO	EDR Digital Archive
	MOVING RIGHT ALONG	EDR Digital Archive
2017	A MOVING RIGHT ALONG SELFSTORAGE RO	Cole Information
	MOVING RIGHT ALONG MOVERS	Cole Information
2014	A MOVING RIGHT ALONG CLEANOUTS MOVER	Cole Information
	A MOVING RIGHT ALONG SELFSTORAGE RO	Cole Information
2010	A MOVING RIGHT ALONG MOVERS	Cole Information
	MRA EXPRESS	Cole Information
	OCCUPANT UNKNOWN	Cole Information
2005	AMSTER NOVELTY CO	Cole Information
	DEBONO BROTHERS BUILDERS DEVELOPERS	Cole Information
	MOVING RIGHT ALONG	Cole Information
	OCCUPANT UNKNOWN	Cole Information
	A Moving Right Along aeanouts	Hill-Donnelly Information Services
	A Moving Right Along Self	Hill-Donnelly Information Services
	Debono Bros Genl Contrctng Inc	Hill-Donnelly Information Services
	HDebono L F O	Hill-Donnelly Information Services
	Mra Express	Hill-Donnelly Information Services
1967	Elan Mach Co	New York Telephone
1962	Elan Mach Co	New York Telephone Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

100TH

10146 100TH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Monachino Philip Mary mach opr	R. L. Polk & Co.

100TH 44TH AV CORONA

10249 100TH 44TH AV CORONA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Coppola Salvatore fcty w kr	R. L. Polk & Co.

100TH 93RD

10147 100TH 93RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Martin Jennie wid Thos F h	R. L. Polk & Co.

100TH AVE

10236 100TH AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1939	Heins H	New York Telephone Company

100TH ST

10111 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	TAVELLA PLUMBING & HEATING CORP	Cole Information
	VJ KEARNEY INC	Cole Information
2014	VJ KEARNEY INCORPORATED	Cole Information
	TAVELLA PLUMBING & HEATING CORP	Cole Information
2010	TAVELLA PLUMBING & HTG CORP	Cole Information
2005	TAVELLA PLUMBING & HEATING CORP	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	R & MAwnings Inc	Cole Information
	Sparacos Plbg & Htg	Cole Information
	SPARACOS PLUMBING & HEATING	Cole Information
	R & MAWNINGS INCORPORATED	Cole Information
1995	QUEENS RESTAURANT EQUIPMENT CORP	Cole Information
	SPARACO'S PLMBNG & HTNG	Cole Information
	MENCO ALUMINUM PRODS INC	Cole Information
1992	QUEENS RESTAURANT EQUIPMENT CORP	Cole Information
	SPARACO'S PLMBNG & HTNG	Cole Information
	MENCO ALUMINUM PRODS INC	Cole Information
1991	MENCO ALUMINUM PRODS INC	NYNEX Information Resource Company
	Startemp Systems Inc	NYNEX Information Resource Company
1976	CALDWELL FARMS INC	New York Telephone
1970	CALDWELL FARMS INC	New York Telephone
1967	Honesdale Dairies Inc	New York Telephone
1962	Home Tow n Dairies Inc	New York Telephone Directory
1945	Beers Fred Inc rimilk crmi	New York Telephone

10115 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	NY WATER SVCE CORP	Cole Information
2014	NY WATER SERVICE CORPORATION	Cole Information
2010	NEW YORK WATER SVC CORP	Cole Information
2005	N Y Water Svc Corp	Hill-Donnelly Information Services
2000	New York Water Svce Corp	Cole Information
	NY WATER SVCE CORPORATION	Cole Information
1995	NY WATER SVCE CORP	Cole Information
1992	NY WATER SVCE CORP	Cole Information
1991	N Y Water Svce Corp	NYNEX Information Resource Company
1983	NY Water Svce Corp	New York Telephone

10154 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Antignani Vincenzo	NYNEX Information Resource Company

FINDINGS

10156 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	R C FORKLIFT CO	EDR Digital Archive
2014	RC FORKLIFT COMPANY	Cole Information

10157 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	CENTRE INTERIORS WOODWORKING	Cole Information
	KIMBERLAND CORP	Cole Information
2014	CENTRE INTERIORS WOODWORKING	Cole Information
	KIMBERLAND CORPORATION	Cole Information
2010	KIMBERLAND CORP	Cole Information
	CENTRE INTERIORS WOODWORKING	Cole Information
2005	CENTRE INTERIORS WOODWORKING	Cole Information
	Centre Interiors Woodw orking	Hill-Donnelly Information Services
	Kimberland Corp	Hill-Donnelly Information Services
2000	Cantr e Intariors	Cole Information
	CENTRE INTERIORS WOODWORKING	Cole Information
1970	Natl Hrdw r Co Inc	New York Telephone
1967	Natl Hrdw r Co Inc	New York Telephone
1962	Natl Hrdw r Co	New York Telephone Directory
1945	Beadle I V	New York Telephone

10158 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	QUEENZ FINEST AUTO REPAIR	Cole Information

10169 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	T ACCARDI	Cole Information
2010	T ACCARDI	Cole Information
2005	T ACCARDI	Cole Information
	h Accardi T	Hill-Donnelly Information Services
2000	T Accardi	Cole Information
	How ard Beach	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	T ACCARDI	Cole Information
1992	ACCARDI, T	Cole Information
1991	Accardi T	NYNEX Information Resource Company

10218 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Cianciulli Guido F	New York Telephone
	Villella Peter	New York Telephone
	Hussey Jas T	New York Telephone
	JOATC Head Start	New York Telephone
	Lynch Gertrude A	New York Telephone
	Velger Irving	New York Telephone
	Watson Adele	New York Telephone
	Clear Plastic & Upholsterers Inc	New York Telephone
	Eagle Albert G	New York Telephone
	Wearever Plastic Covers	New York Telephone
1967	Cianciulli Guido F	New York Telephone
	Villella Peter	New York Telephone
	Douglass Leo J	New York Telephone
	Hussey Jas T	New York Telephone
	King Lummie Mrs	New York Telephone
	Lynch Gertrude A	New York Telephone
	Mc Knuckles Christine Mrs	New York Telephone
	Natkin Henry	New York Telephone
	Velger Irving	New York Telephone
	Watson Adele	New York Telephone
	Baker Anna M	New York Telephone
	CLEAR PLASTIC & UPHOLSTERERS INC	New York Telephone
	Wearever Plastic Covers	New York Telephone
	Wetherell Robt E	New York Telephone
1945	Amer Labor Party	New York Telephone
	Eichler Franz J butchr	New York Telephone
	Guido Dominick Rev	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Hees Walter	New York Telephone
	Hees Walter	New York Telephone
	Levine Jacob	New York Telephone
	Neary J F	New York Telephone
	Sharp Helen M Mrs	New York Telephone
	La France Uphlstrg Co	New York Telephone

10219 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Barth Stephen M	New York Telephone
	Carle August	New York Telephone
	Castinis Nicholas	New York Telephone
	Martin Eduardo	New York Telephone
	Strickland C E	New York Telephone
	Anderson Jennie	New York Telephone
	Dial Overall Inc	New York Telephone
1967	Barth Stephen M	New York Telephone
	Carle August	New York Telephone
	LeDuigou Yvonne Mrs	New York Telephone
	Martin Eduardo	New York Telephone
	Strickland C E	New York Telephone
	Woodard Moses C	New York Telephone
	Anderson Jennie	New York Telephone
1945	Carl Jos	New York Telephone
	Falco Josephine	New York Telephone
	Gouffine Louis pub acctnt	New York Telephone
	Hertzoff Sol	New York Telephone
	Jordan Harry	New York Telephone
	Strickland C E	New York Telephone

10220 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Adler Markus furier	New York Telephone
	Costello Eugene F	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Frudden Meinert dlctsn	New York Telephone
	Leaf Frances Dr	New York Telephone
	Lombardi R Mrs	New York Telephone
	Maldonado Juan	New York Telephone
	Residence	New York Telephone
	Schuh Calvin	New York Telephone
	Vaughn Annie L Mrs	New York Telephone
	Caniano Angelina Mrs	New York Telephone
	Martello Bernice Mrs	New York Telephone
	Pirrello Rose	New York Telephone
	Markow ski Wladimir	New York Telephone
1967	Barton Wm J	New York Telephone
	Costello Eugene F	New York Telephone
	Dober Mary Mrs	New York Telephone
	Frudden Meinert dlctsn	New York Telephone
	Jennings Geo W	New York Telephone
	Maldonado Juan	New York Telephone
	Residence	New York Telephone
	Schuh Calvin	New York Telephone
	Vaughn Annie L Mrs	New York Telephone
	Caniano Angelina Mrs	New York Telephone
	Olson Ruth E	New York Telephone
1945	Pirrello Rose	New York Telephone
	Markow sky Wladimir	New York Telephone
	Andersen N	New York Telephone
	Gritz Bernhard	New York Telephone
	Malone Thos	New York Telephone
Ruckes Jos J Jr	New York Telephone	
Smith Jubal L	New York Telephone	

10221 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Pieper Edw L rl est & ins	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Rivera Augustin	New York Telephone
	Rodriguez Pedro	New York Telephone
	Schulze Robert J	New York Telephone
	Caldas N	New York Telephone
	Forst His	New York Telephone
	Emanuel Marie	New York Telephone
	Ramen Fred C	New York Telephone
	Rinaldi Margaret	New York Telephone
	Tartarilla Wm	New York Telephone
1967	Pieper Edw L rl est & ins	New York Telephone
	Schulze Lillian K Mrs	New York Telephone
	Warren Edw	New York Telephone
	Forst His	New York Telephone
	Barrett Arthur K	New York Telephone
	Calogero John	New York Telephone
	DErasmo Frank A	New York Telephone
	Emanuel Marie	New York Telephone
	Janover Sam	New York Telephone
	Kraus Morris	New York Telephone
	Lifschutz Saul	New York Telephone
	Nussenbaum Martin	New York Telephone
	Ramen Fred C	New York Telephone
	Rinaldi Margaret	New York Telephone
	Tarakov Mannie	New York Telephone
Tartarilla Wm	New York Telephone	
1945	Arneman Frank	New York Telephone
	M & M Restrnt	New York Telephone
	Natvig Thos	New York Telephone
	Rammenstein Fred C	New York Telephone

10222 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Sadow ski Anthony	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DeBiase Vincent	New York Telephone
	Scelsa Peter J	New York Telephone
	Kustner August	New York Telephone
	Bonomi Lino	New York Telephone
	Carty Phillip A	New York Telephone
	Karagosian Geo	New York Telephone
	Lundgren Mae Mrs	New York Telephone
	Masucci A	New York Telephone
1967	Sadow ski Anthony	New York Telephone
	DeBiase Vincent	New York Telephone
	Scelsa Peter J	New York Telephone
	Kustner August	New York Telephone
	Bonomi Lino	New York Telephone
	Carty Phillip A	New York Telephone
	Darlington Leonard I	New York Telephone
	Karagosian Geo	New York Telephone
	Kaufmann Wm A	New York Telephone
	Masucci A	New York Telephone
	Smith Raymond J	New York Telephone
	Thompson Arthur	New York Telephone
Weis Dorothea	New York Telephone	
1945	Coan John J	New York Telephone
	Fusco Felix F	New York Telephone
	Guarini A Mrs	New York Telephone
	Masucci A	New York Telephone
	Orden S	New York Telephone
	Schw alb C F	New York Telephone
	Skinner Harold P	New York Telephone
	Marcus Dress Shop	New York Telephone

10223 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Iannetta Ido	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Milazzo Josephine M	New York Telephone
	Paduano Anthony J	New York Telephone
	Antonlato Peter C	New York Telephone
	Granville Saml O	New York Telephone
	Kleinoder Berta Mrs	New York Telephone
	Rose Reuben	New York Telephone
1967	Iannetta Ido	New York Telephone
	Milazzo Josephine M	New York Telephone
	Paduano Anthony J	New York Telephone
	Antonlato Peter C	New York Telephone
	Butler Mamie L	New York Telephone
	Callanan Jack	New York Telephone
	Granville Saml O	New York Telephone
	Kleinoder Berta Mrs	New York Telephone
	McKenzie Madiel	New York Telephone
	Monroe Carole D	New York Telephone
	Pellerito Marie Mrs	New York Telephone
	Rose Reuben	New York Telephone
1945	Anderson John W	New York Telephone
	Del Giorno A	New York Telephone
	Eckhardt Fredk J	New York Telephone
	Hiland Jas R	New York Telephone
	McGinn Vincent E	New York Telephone
	Wagner Louis C F	New York Telephone

10224 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DiMarco Domenick	New York Telephone
	Parmigiani Rose	New York Telephone
	Torch Fasteners Inc	New York Telephone
	DeKams S V	New York Telephone
	Haley Ursula Mrs	New York Telephone
	Kenney Robt N	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Laube Bertha	New York Telephone
	Ludeman Chas A	New York Telephone
	Murphy Chas J	New York Telephone
	Pyle How ard F	New York Telephone
1967	Villa Grande Pizzeria	New York Telephone
	Blank Andrew	New York Telephone
	Di Marco Domenick	New York Telephone
	Romano Dominic	New York Telephone
	Torch Fasteners Co	New York Telephone
	Haley Ursula Mrs	New York Telephone
	Kenney Robt	New York Telephone
	Kenney Robt M	New York Telephone
	Ludeman Chas A	New York Telephone
	Murphy Chas J	New York Telephone
Pyle How ard F	New York Telephone	
1945	Elnor Irving	New York Telephone
	Tilley Madeline Mrs	New York Telephone

10225 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Fells Leon J	New York Telephone
	Barbagallo Michl	New York Telephone
	Magro Frank M	New York Telephone
	Delano Albert J	New York Telephone
	Grehan Farrell J	New York Telephone
	Jones Theresa M	New York Telephone
	Leab Leo	New York Telephone
	Mattison Edw S	New York Telephone
1967	Fells Leon J	New York Telephone
	Barbagallo Michl	New York Telephone
	Magro Frank M	New York Telephone
	Chioffe Richd	New York Telephone
	Delano Albert J	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Dietz Rose	New York Telephone
	Dolan Helen P	New York Telephone
	Dryer Arthur	New York Telephone
	Gazzale Louis	New York Telephone
	Goldstein Mary	New York Telephone
	Grehan Farrell J	New York Telephone
	Jones Theresa M	New York Telephone
	Kohler Jas P	New York Telephone
1945	Giordano Giuseppe	New York Telephone
	Ferraro Salvador	New York Telephone
	Grehan Farrell J	New York Telephone
	Sullivan Madeline R Mrs	New York Telephone
	Zeidman Irving	New York Telephone

10226 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Fratello Louis	New York Telephone
	Wolf Richd W	New York Telephone
	Boeckle Geo	New York Telephone
	Davis Willie M	New York Telephone
	DeVittos Fish Mkt	New York Telephone
1967	Grimaldi Bakery	New York Telephone
	Fratello Louis	New York Telephone
	Wolf Richd W	New York Telephone
	Aquilino N P	New York Telephone
	Boeckle Geo	New York Telephone
	Davis Willie M	New York Telephone
	DeVittos Fish Mkt	New York Telephone
	Friedman Martha	New York Telephone
	Gehrke Eric	New York Telephone
	Hasselgren Geo Jr	New York Telephone
	Riese Geo J	New York Telephone
Thomson John G	New York Telephone	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Sunshine Italian & French Bakery Main store	New York Telephone
	Beckerle O A	New York Telephone
	Kraay C P Indscp contr	New York Telephone
	Loiacono John Jr	New York Telephone
	Pascal Frank	New York Telephone

10227 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Barber Wm H	New York Telephone
	Chittick Judith	New York Telephone
	Giunta Marion	New York Telephone
	Rassmann Margarethe F	New York Telephone
	Smith Raymond Mrs	New York Telephone
	DeFranco Chas	New York Telephone
	Franz Nicholas	New York Telephone
1967	Barber Wm H	New York Telephone
	Chiarello Peter	New York Telephone
	Chittick Judith	New York Telephone
	Giunta Marion	New York Telephone
	Rassmann Margarethe F	New York Telephone
	Romano Frank	New York Telephone
	Simenson Jas R	New York Telephone
	Smith Raymond Mrs	New York Telephone
	DeFranco Chas	New York Telephone
	Franz Nicholas	New York Telephone
1945	Ace Hand Lndry	New York Telephone
	Campbell Constance Mrs	New York Telephone
	Greene Fred C	New York Telephone
	Hornicek Emma Mrs	New York Telephone
	Schubert Fred	New York Telephone
	Sundahl Knut S	New York Telephone

FINDINGS

10228 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Whelan Chas H	New York Telephone
	Bell Malcolm D	New York Telephone
	Borrero John E	New York Telephone
	Codrington Dorothy C	New York Telephone
	Font Miguel A	New York Telephone
	Hardiman Patk L	New York Telephone
	Luhmann Fred	New York Telephone
1967	Franks Svce Sta	New York Telephone
	Whelan Chas H	New York Telephone
	Bell Malcolm D	New York Telephone
	Borrero John E	New York Telephone
	Codrington Dorothy C	New York Telephone
	Cook Frank Mrs	New York Telephone
	Glancy Clyde	New York Telephone
	McMiller Sophia	New York Telephone
	Sterling Ethel	New York Telephone
	Valcan Chas	New York Telephone
1945	Nankervis How ard E	New York Telephone
	Slicklen M Arthur	New York Telephone
	Smith Thos H	New York Telephone
	Viola Martha Mrs	New York Telephone

10229 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Tucci Michl	New York Telephone
	Barbara O A	New York Telephone
	Gantt Anton	New York Telephone
	Gantt Richd E	New York Telephone
	Reno Chas A carptr	New York Telephone
	Tormey Jas	New York Telephone
1967	Berardo Carmine T	New York Telephone
	Tucci Rose	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Adams Alice C Mrs	New York Telephone
	Fazio Annette M	New York Telephone
	Jones Leanna Mrs	New York Telephone
	Reno Chas A carpnr	New York Telephone
	Tormey Jas	New York Telephone
	Waterman Una P	New York Telephone
1945	Garder Mkt	New York Telephone
	Pontecorvo J fruit	New York Telephone
	Knoop Herman	New York Telephone

10230 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Amer Roofing & Metal Supt Corp	New York Telephone
	Brault J	New York Telephone
	Motz Wm	New York Telephone
	Rigano Ritsuko	New York Telephone
	Joes Svce Sta	New York Telephone
	Applebaum Arlene L	New York Telephone
	Applebaum Saml	New York Telephone
	Balamut L	New York Telephone
	Cohen Alan Bruce	New York Telephone
	Friedman Ida Mrs	New York Telephone
	Gombar Chas	New York Telephone
	Hoffmann John	New York Telephone
	Kruzik Vincent J	New York Telephone
	Lehrman Moe	New York Telephone
1967	Amer Roofing & Metal Supl Cow p	New York Telephone
	Brault J	New York Telephone
	Motz Wm	New York Telephone
	Joes Svce Sta	New York Telephone
	Blaskiew icz Stephen H	New York Telephone
	DeSmith Lester	New York Telephone
	Diehl Marcella G	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Duffner Agnes Mrs	New York Telephone
	Gibson Edgar R	New York Telephone
	Hashimoto Tadamasa	New York Telephone
	Henry Chas O	New York Telephone
	Lee John	New York Telephone
	Watson Mary A	New York Telephone
1945	Palmer Alice M	New York Telephone
	Stanley Edw in	New York Telephone
	Webster Frank	New York Telephone

10231 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Daly Bar & Grill	New York Telephone
	Butler Oliver L	New York Telephone
	Collymore Edw in F	New York Telephone
	Schlesinger Jeane Mrs	New York Telephone
1967	Daly Bar & Grill	New York Telephone
	Miliauskas Peter	New York Telephone
	Butler Oliver L	New York Telephone
	Collymore Edw in F	New York Telephone
	Conklin Ronald	New York Telephone
	Grandpre Albert J	New York Telephone
	Ramirez Telmo	New York Telephone
1945	McArdle H E A restrnt	New York Telephone
	Lang Henry C	New York Telephone
	Pattenheiner Jacob Jr	New York Telephone
	Thompson Dorothy	New York Telephone

10232 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Amoisky Yetta	New York Telephone
	DAmbrosio Mel	New York Telephone
	Doyle Catherine Mrs	New York Telephone
	Fishman S M	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Lynch Jas D	New York Telephone
1967	Doyle Catherine Mrs	New York Telephone
	Hankinson Jas Jr	New York Telephone
	Kolman Carl	New York Telephone
	Lynch Jas D	New York Telephone
	Mercado Jeannette A	New York Telephone
	Wheatley Walter E	New York Telephone
	1945	Denton J
	Deppert Harry A	New York Telephone
	Doyle E Jr Mrs	New York Telephone
	Hoffmann Eugene A	New York Telephone
	Kendrick Vincent	New York Telephone

10233 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Nigrelli F	New York Telephone
	Salanitro B Mrs	New York Telephone
	Lucas Jos	New York Telephone
	Shoy Ruth Mrs	New York Telephone
1967	Salanitri B Mrs	New York Telephone
	Dean Lizzie	New York Telephone
	Gazzani Damiano	New York Telephone
	Hartigan Wm J	New York Telephone
	Lucas Jos	New York Telephone
	Shoy Ruth Mrs	New York Telephone
	Avery John	New York Telephone
1945	Beggs A M Miss	New York Telephone
	McKnight Benj Av	New York Telephone
	Meier Ernest	New York Telephone
	Metz Wm fish	New York Telephone

10234 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Dimmerling H	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Gantt Geneva Mrs	New York Telephone
1967	Bell Wm L	New York Telephone
	McCabe Thos P	New York Telephone
	Mecke Regina Mrs	New York Telephone
	Tarbox Robt L	New York Telephone
1945	Enderson Chas E	New York Telephone
	Trimarco Geo	New York Telephone

10235 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Snel Henry Sr	New York Telephone
	Magler Michl F	New York Telephone
1967	Baxter Helen M	New York Telephone
	Gotterup Ann Mrs	New York Telephone
	Abramson Gary M	New York Telephone
	Bush Roy L	New York Telephone
	Johnson Marilyn	New York Telephone
	Magler Michl F	New York Telephone
	Matthew s Ernest	New York Telephone
1945	Storch Abraham meat & pltry	New York Telephone
	Kaw aler F	New York Telephone
	McAtavie E Mrs nrs	New York Telephone

10236 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Cardenas Ada	New York Telephone
	Conant T H	New York Telephone
	Dance Edw J	New York Telephone
	Gambino Karl K	New York Telephone
	How ard Kealie	New York Telephone
	Doria Uphlstry Co Inc	New York Telephone
1967	Dance Edw J	New York Telephone
	Gambino Karl K	New York Telephone
	How ard Kealie	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Tarulli Jos	New York Telephone
	Doria Uphlstry Co Inc	New York Telephone
1945	Geiger Max	New York Telephone
	OReilly Wm Mrs	New York Telephone

10237 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Brow n Gerald	New York Telephone
	Edw ards Lew is H	New York Telephone
	Faust John H	New York Telephone
	Kraulos Peter	New York Telephone
	Rogers Colee	New York Telephone
	Kaplan Michael Co infnts w r	New York Telephone
1967	Brow n Gerald	New York Telephone
	Edw ards Lew is H	New York Telephone
	Faust John H	New York Telephone
	Hamilton Ann	New York Telephone
	Rogers Colee	New York Telephone
	Kaplan Michael Co infnts w r	New York Telephone
1945	De Martino A uphlstry	New York Telephone
	Marro J	New York Telephone
	Parker Leo	New York Telephone
	Seaman Roy	New York Telephone
	Goodman S dairy	New York Telephone
	Goodmans Dairy	New York Telephone

10238 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Star Home Improvement Co	New York Telephone
	Foster Cornelius	New York Telephone
	Gruber Fred W	New York Telephone
	Robinson Rosia Lee Mrs	New York Telephone
1967	Star Home Improvement Co	New York Telephone
	Foster Cornelius	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Gruber Fred W	New York Telephone
	Handelman Abraham	New York Telephone
	Robinson Rosia Lee Mrs	New York Telephone
1945	Hansen A	New York Telephone
	Hurley Warren	New York Telephone
	Kavelow A	New York Telephone
	Mitchell Tillie Mrs	New York Telephone
	Reinhold Edw D	New York Telephone
	Steer A C cgrs	New York Telephone

10239 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Hudson Jas C	New York Telephone
	Cedzich Wm J auctnr	New York Telephone
1967	Brown Woodrow	New York Telephone
	Gayzur Vincent J	New York Telephone
	Hudson Jas C	New York Telephone
	Tillotson Wesley W	New York Telephone
	Cedzich Wm J auctnr	New York Telephone
	Galligan Ann Mrs	New York Telephone
1945	Tillotson Wesley W	New York Telephone

10240 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Cugno Salvatore	New York Telephone
	Baratelli Almo	New York Telephone
	Bishop Olive	New York Telephone
	Orloff M	New York Telephone
	Sarris Nicholas	New York Telephone
	Schiesel & Burstein plmbng & heating contrs	New York Telephone
1967	Bishop Olive	New York Telephone
	Blake Dana P	New York Telephone
	Dabney Catherine S Mrs	New York Telephone
	Judson Arthur	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Menton Maurice	New York Telephone
	Schiesel & Burstein plmbng & heating contrs	New York Telephone
	Erickson A auto accesrs	New York Telephone
	GRAND CENTRL AUTO ACCESSORIES STORE	New York Telephone
1945	McEachern Fay	New York Telephone
	Erickson A auto accesrs	New York Telephone
	Grand Centrl Auto Accessories Store	New York Telephone

10241 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DiCamillo @Jamaica@	New York Telephone
	Pelta David	New York Telephone
	Williams Rosa M	New York Telephone
	Winfield Vincent Mrs	New York Telephone
1967	Dunn Frank B	New York Telephone
	Sanchez Harry	New York Telephone
	Winfield Vincent Mrs	New York Telephone

10242 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	McElligott John P grocr	New York Telephone
	Bills Bar & Grill	New York Telephone
	Markisello Frank Jr	New York Telephone
1967	Davis Louise	New York Telephone
	McElligott John P grocr	New York Telephone
	Bills Bar & Grill	New York Telephone
1945	Law rence Jennie Mrs	New York Telephone
	Salmi Wm	New York Telephone
	Schneider P E	New York Telephone
	Wagner Aug	New York Telephone

10243 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Banker B	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Bellon Andrew	New York Telephone
	Benedetto John A	New York Telephone
	Cassese Richd	New York Telephone
	Copeland Walter J	New York Telephone
	Goldman Jack	New York Telephone
	Kopp Geo	New York Telephone
	Kupillas Anthony C	New York Telephone
	Levy Marie Mrs	New York Telephone
	Perciaccante Louis	New York Telephone
	Potter John J	New York Telephone
	Saggese Jessica	New York Telephone
	August Geo	New York Telephone
	Vision Optical Co	New York Telephone
	Forst His	New York Telephone
	Dryden Alexndr Mrs	New York Telephone
Jones Geo	New York Telephone	
Sutherland How ard J	New York Telephone	
1967	Banker B	New York Telephone
	Barcavage Veronica L	New York Telephone
	Benedetto John A	New York Telephone
	Cassese Richd	New York Telephone
	Copeland Walter J	New York Telephone
	Dempsey Geo J	New York Telephone
	Goldman Jack	New York Telephone
	Kopp Geo	New York Telephone
	Kupillas Anthony C	New York Telephone
	Lagana Alice Mrs	New York Telephone
	Levy Marie Mrs	New York Telephone
	Otto Jos E	New York Telephone
	Potter John J	New York Telephone
	Saggese Jessica	New York Telephone
	Malone Margaret	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Vision Optical Co	New York Telephone
	Forst His	New York Telephone
	Dryden Alexndr Mrs	New York Telephone
	Spivey Maggie A Mrs	New York Telephone
1945	Just Rite Beauty Shoppe	New York Telephone
	Just Rite Beauty Shoppe	New York Telephone
	Natl Friendly Cleaners	New York Telephone
	Augone Patsy	New York Telephone
	Carson Thos F	New York Telephone

10244 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	How ard Bertha L Mrs	New York Telephone
	Robinson Frances S	New York Telephone
	Baxter Helen M	New York Telephone
	Kessel Henrietta Mrs	New York Telephone
1967	Cerra Jos B	New York Telephone
	Fox Harry MD	New York Telephone
	How ard Bertha L Mrs	New York Telephone
	Robinson Frances S	New York Telephone
	Walters Jas A	New York Telephone
	Blanc S A uphlstr	New York Telephone
	Epstein Israel	New York Telephone
	SA Blanc unhlstr	New York Telephone
1945	Res	New York Telephone
	Fox Harry MD	New York Telephone
	Haberstroh Fredk	New York Telephone
	Niven Robt	New York Telephone
	Norris Gloria B	New York Telephone
	Norris Thos F	New York Telephone
	Yezzi Frank	New York Telephone
Epstein Israel ladies tir & fur	New York Telephone	

FINDINGS

10245 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Appel R	New York Telephone
	Bennett Mary	New York Telephone
	Cordaro Vincent J	New York Telephone
	Maher Geo	New York Telephone
	Otto A Mrs	New York Telephone
	Rossi Alexndr	New York Telephone
	Vertucci Anthony	New York Telephone
	Bilgrei Elec Corp	New York Telephone
	Marle Decratrs	New York Telephone
	Burgess F S	New York Telephone
	Cooper Mary Mrs	New York Telephone
	Porter Erving	New York Telephone
	1967	Appel Rose
Bennett Mary		New York Telephone
Byron Elsie Mrs		New York Telephone
Cordaro Vincent J		New York Telephone
Flynn John W		New York Telephone
Gallagher Danl R		New York Telephone
Greene Alex		New York Telephone
Maher Geo		New York Telephone
Redmond Helene		New York Telephone
Rossi Alexndr		New York Telephone
Stapelton Jos F		New York Telephone
Tamke Grace Mrs		New York Telephone
Urso Jos		New York Telephone
Weber Mildred R		New York Telephone
Bilgrei Elec Corp		New York Telephone
Marle Decratrs		New York Telephone
Cooper Mary Mrs		New York Telephone
Deutsch Alex		New York Telephone
Porter Erving		New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Allen Warren W heating contr	New York Telephone
	Willard Plumbing & Heating Co	New York Telephone
	Fox Saml	New York Telephone
	Holzman G	New York Telephone

10246 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Grant Oliver	New York Telephone
	Lemke H J plmbng	New York Telephone
	Benthin Fred W	New York Telephone
	Johnson Johnny	New York Telephone
1967	Grant Oliver	New York Telephone
	Lemke H J plmbng	New York Telephone
	Barnes Fred W	New York Telephone
	Benthin Fred W	New York Telephone
	Brow n Chas D	New York Telephone
	Payne Wm	New York Telephone
1945	Palmer Chas V	New York Telephone

10247 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Bradshaw William	New York Telephone
	Harnett Lyn E Mrs	New York Telephone
1967	Bradshaw Wm	New York Telephone
	Byrd Theodise	New York Telephone
	Harnett Lyn E Mrs	New York Telephone
1945	Selfridge Willard C	New York Telephone
	Wulff Henry D	New York Telephone

10248 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Arenstein Alexndr drugs	New York Telephone
	Arensteins Pharmacy	New York Telephone
	Jackson Wm	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Manson Edw	New York Telephone
1967	Arenstein Alexndr drugs	New York Telephone
	Arensteras Pharmacy	New York Telephone
	Jackson Wm	New York Telephone
	Manson Edw	New York Telephone
1945	Arenstein Alexndr drugs	New York Telephone
	Barnard Pharmacy	New York Telephone
	Cerra Frank	New York Telephone

10249 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Queens Hydraulic Co Inc	New York Telephone
1967	Queens Hydraulic Co Inc	New York Telephone
	Clifford J F	New York Telephone
	Johnson Thaddeus	New York Telephone
1945	Martin Kemper C	New York Telephone

10250 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Clark Cornelius W	New York Telephone
1967	Branch Wallace	New York Telephone
	Clark Cornerius W	New York Telephone
	Johnson Keister C Jr	New York Telephone
	Weeks Frances	New York Telephone
1945	Buemmier Adolph	New York Telephone
	Clark Jos J	New York Telephone

10251 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Galluzzo Salvatore	New York Telephone
	Dupree Gloria	New York Telephone
	Spigner Archie H	New York Telephone
1967	Carver Contrctg Co Inc	New York Telephone
	Carver Contrctg Co Inc	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Galluzzo Salvatore	New York Telephone
	Dobre Janet	New York Telephone
	Dupree Gloria	New York Telephone
	Spigner Archie H	New York Telephone
1945	Schlegelmilch A bkry	New York Telephone
	Queens Model Engrng Co	New York Telephone

10252 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Holland Verona Mrs	New York Telephone
	Mackey ONeil	New York Telephone
1945	Klein Herman	New York Telephone
	Merklen Frank	New York Telephone
	L	New York Telephone

10253 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Isobel Candies	New York Telephone
	Singer Isabelle candies	New York Telephone
	Ancrum Lillian Mrs	New York Telephone
	Jones Winifred S Mrs	New York Telephone
	Richardson Dorothy	New York Telephone
1967	Isobel Candies	New York Telephone
	Singer Isabelle candies	New York Telephone
	Ancrum Lillian Mrs	New York Telephone
	Barr Henry Jr	New York Telephone
	Barr Madelyne M	New York Telephone
	Brown Shirley A	New York Telephone
	Brown Sidney	New York Telephone
	Brown Sidney	New York Telephone
	Jones Winifred S Mrs	New York Telephone
	Richardson Dorothy	New York Telephone
1945	Isobel Candies	New York Telephone
	Duty Guy W Rev	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Hansen H	New York Telephone

10254 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Murray Danl A	New York Telephone
	Pinkney Lucille	New York Telephone
1945	Reiss John	New York Telephone

10255 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Stewart Chas F Rev	New York Telephone
	Smith Alberta Mrs	New York Telephone
1967	Stewart Chas F Rev	New York Telephone
	Appel Wm	New York Telephone
	Savage Lillian	New York Telephone
	Smith Alberta Mrs	New York Telephone

101ST ST

10101 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	ANTHONY DEBONO	Cole Information

10112 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	MARIA DIAZ	EDR Digital Archive

10113 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	VICTOR MELENDEZ	EDR Digital Archive
	JOSE DE LA CRUZ	EDR Digital Archive
	JAMES SANCHEZ	EDR Digital Archive
	NICHOLAS ALLOCCO	EDR Digital Archive
2005	H Allocco Nick A	Hill-Donnelly Information Services
	NICK ALLOCCO	Cole Information
2000	HELENA GENTILE	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NICK ALLOCCO	Cole Information
1992	ALLOCCO, NICK	Cole Information
1991	Allocco Nick	NYNEX Information Resource Company
1983	Allocco Nick	New York Telephone
1976	Allocco Nick	New York Telephone
1970	Allocco Nick	New York Telephone
1967	Allocco Nick	New York Telephone
1962	Allocco Andrew	New York Telephone Directory
	Allocco Nick	New York Telephone Directory

10118 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Aluminum World w indos	New York Telephone
1962	Aluminum World w indos	New York Telephone Directory

10119 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Scheerle Karl	New York Telephone Directory
	Stiebitz Hans	New York Telephone Directory
1945	Schoeler F Mrs	New York Telephone

10120 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	DORIS CRUZ	EDR Digital Archive
	ANGEL CRUZ	EDR Digital Archive
2017	METROPOLITAN GARMENT CLEANING INC	Cole Information
2014	METROPOLITAN GARMENT CLEANING INCORP	Cole Information
2010	METROPOLITAN GARMENT CLEANING	Cole Information
	RICHIES GYM	Cole Information
2005	Metropolitan Garment Cleaning	Hill-Donnelly Information Services
	METROPOLITAN GARMENT CLEANING INC	Cole Information
2000	Mtrpltn GMT Cng	Cole Information
1962	RMP Industries Inc sheet mtl	New York Telephone Directory

FINDINGS

10127 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Asajin Flal	Hill-Donnelly Information Services

10129 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Casillo Jcs	New York Telephone Directory
	Casillo Sansto	New York Telephone Directory

10132 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	FIVE STAR ELECTRIC CORP	EDR Digital Archive
2017	FIVE STAR ELECTRIC	Cole Information
2014	FIVE STAR ELECTRIC	Cole Information
2010	FIVE STAR ELECTRIC CORP	Cole Information
2005	Fivestar/ferguson Electric	Hill-Donnelly Information Services
	FIVE STAR ELECTRIC CORP	Cole Information
1995	OZONE INDUSTRIES INC	Cole Information
	OZONE AIRCRAFT COMPONENTS CORP	Cole Information
	OZONE INDUSTRIES A JOY MFG CO	Cole Information
1992	OZONE INDUSTRIES INC	Cole Information
	OZONE AIRCRAFT COMPONENTS CORP	Cole Information
	OZONE INDUSTRIES A JOY MFG CO	Cole Information
1991	Ozone Aircraft Components Corp	NYNEX Information Resource Company
	OZONE INDUSTRIES INC	NYNEX Information Resource Company
1970	Ozone Aircraft Components Corp	New York Telephone
	Ozone Metal Prods Corp	New York Telephone
	RMP Industries Inc sheet mtl	New York Telephone
1967	Ozone Aircraft Components Corp	New York Telephone
	Ozone Metal Prods Corp	New York Telephone
	RMP Industries Inc sheet mtl	New York Telephone
1962	OZONE METAL PRODS CORP	New York Telephone Directory

FINDINGS

10140 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PARMAN KHNANDAN	Cole Information
2010	PARMAN KHNANDAN	Cole Information

10141 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Marinelli Jas M	New York Telephone Directory

10143 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Carriero Willie E	New York Telephone Directory

10145 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Marzano Patsy	New York Telephone
1962	Marzano Patsy	New York Telephone Directory

10147 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Perillo Ann K	New York Telephone
1962	Perillo Ann K	New York Telephone Directory

10149 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Menoudakos Peter	New York Telephone
1962	Chiarovano Geo P	New York Telephone Directory
	Chiarovano Jos	New York Telephone Directory
1945	Martini John W	New York Telephone

10150 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Metropolitn Distribtrs Inc	New York Telephone Directory

10151 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	Zagas Sportsw r Inc	Cole Information
	Ozone Park	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	ZAGAS SPORTSWEAR INC	Cole Information
1992	ZAGAS SPORTSWEAR INC	Cole Information
1970	CRIB DIAPER SYCE INC	New York Telephone
	Meltzer Max b	New York Telephone
1967	Crib Diaper Svce Inc	New York Telephone
	Meltzer Max b	New York Telephone
1962	CRIB DIAPER SVCE INC	New York Telephone Directory
	Meltzer Max b	New York Telephone Directory
1945	Crib Diaper Svce of LI Inc	New York Telephone

102ND ST

10152 102ND ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	BIBI DECUNHA	EDR Digital Archive
	KHEMRAJ HANSRAJ	EDR Digital Archive
	ALICIA BUDHA	EDR Digital Archive
	MOHAMED DECUNHA	EDR Digital Archive
	ANDREA HANSRAJ	EDR Digital Archive
	CHATERAM TILOCHAND	EDR Digital Archive
	DHANRAJ HANSRAJ	EDR Digital Archive
	UNDRE BUDHA	EDR Digital Archive
	ERROL DECUNHA	EDR Digital Archive
	DHARMIN TILOCHAND	EDR Digital Archive
2017	ELVY PICHARDO	Cole Information
	ERROL DECUNHA	Cole Information
2014	HAITRAM BALMOOKEY	Cole Information
	ALEJANDRO CASTILLO	Cole Information
	LELAWATIE HANSRAL	Cole Information
	ERROL DECUNHA	Cole Information
2010	LUIS CABRERA	Cole Information
2005	ANTHONY SCHIAVO	Cole Information
	Morales Gladys	Hill-Donnelly Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Morales Gladys v	Hill-Donnelly Information Services
	HPetrone AA AV	Hill-Donnelly Information Services
2000	Antonio Petrone	Cole Information
	Anthony Schiavo	Cole Information
	ANTONIO PETRONE	Cole Information
	ANTHONY SCHIAVO	Cole Information
1992	SCHIAVO, ANTHONY	Cole Information
1991	Schiavo Anthony	NYNEX Information Resource Company
1983	Petrone Antonio	New York Telephone
	Troisi Vincent C	New York Telephone
1970	DelGiudice Pete	New York Telephone
	Venezia Millie Mrs	New York Telephone
1967	DelGuidice M	New York Telephone
	DelGuidice Pete	New York Telephone
1962	Del Guidice Pete	New York Telephone Directory
	Venezia Millie Mrs	New York Telephone Directory
1934	Picullio Alex Maggie	R. L. Polk & Co.
	Venice Jerv Millie	R. L. Polk & Co.

10154 102ND ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	HUE HANG	EDR Digital Archive
2017	MELVIN RODRIGUEZ	Cole Information
2014	MARISOL RIDRIGUEZ	Cole Information
2010	SALVATORE LAMONACO	Cole Information
2005	SALVATORE LAMONACO	Cole Information
	AMARYLIS MONTOYA	Cole Information
	Lamonaco Salvatore	Hill-Donnelly Information Services
2000	Salvator Lamonaco	Cole Information
	Julio Montoy	Cole Information
	JULIO MONTOYA	Cole Information
	S LAMONACO	Cole Information
1992	VARAGNOLO, JOHN	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Glick John J	New York Telephone
1967	Maresco Catherine	New York Telephone
1962	Napolitano Michl	New York Telephone Directory
1939	Napolitano Michl	New York Telephone Company
1934	DAmico Frank Theresa	R. L. Polk & Co.
	Napolitano Frank X reprmn	R. L. Polk & Co.
	Napolitano Michl Rose	R. L. Polk & Co.

10156 102ND ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	JULIO SOTO	EDR Digital Archive
	JIMENA ROJAS	EDR Digital Archive
	SERGIO SOTO	EDR Digital Archive
	ROBERT RODRIGUEZ	EDR Digital Archive
	LUIS ROJAS	EDR Digital Archive
	ROJAS SOTO	EDR Digital Archive
2017	MARGARITA PEREZ	Cole Information
	SERGIO SOTO	Cole Information
2014	MARGARITA JALDIN-PEREZ	Cole Information
	MARGARITA PEREZ	Cole Information
	ROBERT RODRIGUEZ	Cole Information
	LUIS ROJAS	Cole Information
	SERGIO SOTO	Cole Information
2005	MARGARITA JALDIN-PEREZ	Cole Information
	Jaldin Perez Margarita v v	Hill-Donnelly Information Services
	Soto Rojas Luis Alberto Vv	Hill-Donnelly Information Services
	Starks Willie	Hill-Donnelly Information Services
2000	Louise Ambrosino	Cole Information
	Susie Flore	Cole Information
	SUSIE FIORE	Cole Information
	LOUISE AMBROSINO	Cole Information
1992	KIND, A	Cole Information
	AMBROSINO, LOUISE	Cole Information

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Kind A	NYNEX Information Resource Company
1983	Kind A	New York Telephone
1976	Cipriano Anthony P	New York Telephone
	Kind Wm	New York Telephone
1970	Franze Vincent	New York Telephone
	Kind Wm	New York Telephone
1967	Franze Vincent	New York Telephone
	Kind Wm	New York Telephone
1962	Kind Wm	New York Telephone Directory
1945	Young Julia Mrs	New York Telephone
1934	Boccio Angelo Mary lab	R. L. Polk & Co.
	Fiori Jas ice ret	R. L. Polk & Co.
	Napolitano Anthony brklyr	R. L. Polk & Co.

10158 102ND ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	PETER TURCHIOE	EDR Digital Archive
	GABRIELLE CASSESE	EDR Digital Archive
	CELESTE TURCHIOE	EDR Digital Archive
2014	ANTHONY CASSESE	Cole Information
2010	WALSH & CASSESE FUNERAL HOME	Cole Information
2005	Walsh & Cassese Funeral Home	Hill-Donnelly Information Services
	D CARMELA	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1992	TURCHIOE, CELESTE	Cole Information
1991	Turchioe Celeste Mrs	NYNEX Information Resource Company
1976	Bruno C	New York Telephone
1970	Boccia Angelo	New York Telephone
	Tomeo Angelo	New York Telephone
1967	Boccia Angelo	New York Telephone
	Tomeo Angelo	New York Telephone
1962	Pascucci Camilla	New York Telephone Directory
	Tomeo Angelo	New York Telephone Directory

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Tomeo Angelo Grace lab	R. L. Polk & Co.
	Tomeo Florence fctyw kr	R. L. Polk & Co.
	Tomeo Vincent Theresa lab	R. L. Polk & Co.

10160 102ND ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	HERMAN HEDRINGTON	EDR Digital Archive
2017	HERMAN HEDRINGTON	Cole Information
	CLAIRE VEGA	Cole Information
2014	HERMAN HEDRINGTON	Cole Information
	ANTHONY VEGA	Cole Information
2010	HERMAN HEDRINGTON	Cole Information
	ANTHONY VEGA	Cole Information
2005	Lee Jon	Hill-Donnelly Information Services
	h Vega Caire A 718 835 1792 oo	Hill-Donnelly Information Services
	ANTHONY VEGA	Cole Information
2000	Nandrani Ramnauth	Cole Information
	B Ramneuth	Cole Information
	ANTHONY VEGA	Cole Information
1991	Terziario Sebastian	NYNEX Information Resource Company
1983	Kasteard I	New York Telephone
	Terziario Sebastian	New York Telephone
1976	Banta Eldridge L	New York Telephone
	Elvezio Gennaro	New York Telephone
1970	Elvezio Gennaro	New York Telephone
1967	DeMartino Vincent	New York Telephone
1945	Bressler Wm	New York Telephone
1939	Bressler Wm	New York Telephone Company

10164 102ND ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	Anthony Veg	Cole Information
	ANTHONY VEGA	Cole Information

FINDINGS

103RD AVE

10109 103RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SAFEGUARD SELF STORAGE	EDR Digital Archive

10TH ST

10155 10TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	McGroarty Rosemary	New York Telephone

FINDINGS

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.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
10101 101ST ST	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10109 103RD AVE	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10112 101ST ST	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10113 101ST ST	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10113 101ST ST	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10113 101ST ST	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

FINDINGS

Address Researched

Address Not Identified in Research Source

10249 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10250 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10250 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10250 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10251 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10251 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10251 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10252 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10252 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10253 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10253 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10253 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10254 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10254 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10255 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10255 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922

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

10121 101 Street

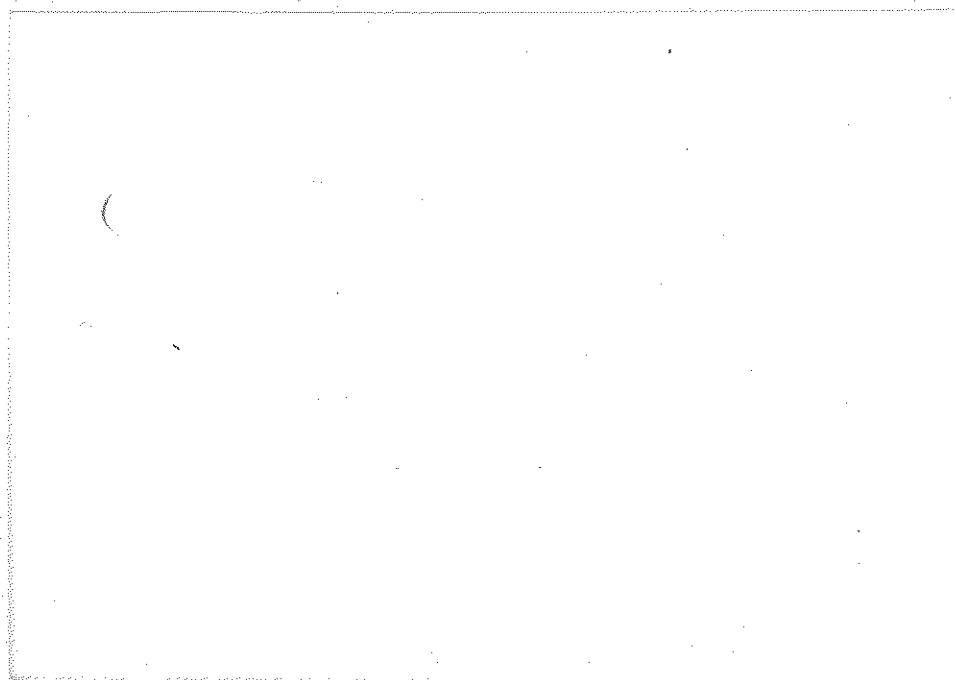
Address Not Identified in Research Source

2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1934, 1922

Appendix E
Historical Reports

AQUATERRA

ASSESSMENT SERVICES CORP.



49 West 23rd Street, New York, NY 10010 • tel (212) 675-8200 • fax (212) 242-0368 • email: aquaterra@aqt.com

new york • san francisco • dallas • salt lake city • spokane • phoenix • redbank, nj • los angeles

**PHASE I
ENVIRONMENTAL SITE
ASSESSMENT**

**AMSTER NOVELTY
101-21 101ST STREET
QUEENS, NEW YORK
AT99-PA-90999**

ISSUE DATE: OCTOBER 28, 1999

PROJECT SUMMARY

**AMSTER NOVELTY
101-21 101ST STREET
QUEENS, NEW YORK
AT99-PA-90999**

PROPERTY DESCRIPTION	A two-story 36,000 square foot commercial/light industrial building and paved parking areas on 1.06 acres of land. The building was constructed in phases between 1959 and 1968.
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ASSESSMENT COMPONENT	ACCEPTABLE	ROUTINE SOLUTION	PHASE II	ISSUE DESCRIPTION	REFERENCE SECTION
Operational Activities	√				II.B
Adjacent Properties	√				II.B & III.A
Regulatory Review	√				III.A
Historical Review	√				III.B
Asbestos		√*		PAC materials	IV.A & V
USTs/ASTs			√**	See below	IV.B & V
Chemical Storage/Usage	√				IV.C & D
Chemical Spills	√				IV.E & G
PCBs	√	√***			IV.F & V
Wastewater			√**	See below	IV.G & V
Solid/Hazardous Waste Disposal	√				IV.H
Radon	√				IV.I
Lead in Paint	√				IV.J
Lead in Drinking Water	√				IV.K
Wetlands	√				IV.L

* AquaTerra identified potential asbestos-containing (PAC) friable 2'x4' ceiling tiles and non-friable 12"x12" vinyl floor tiles throughout the building on-site.

**Three underground storage tanks (USTs) were previously used on-site: a 1,080-gallon trichloroethylene UST and two 2,500-gallon fuel oil USTs. Each of these USTs was closed in-place and one of the fuel oil USTs was subsequently removed from the subject property. In addition, a former Phase I ESA conducted on-site identified a floor vault in the southwest corner of the building and a drywell and drainage trench were identified in the parking area on-site. A Phase II Subsurface Investigation was conducted at the subject property in 1995 to address potential contamination from the three former USTs, the floor vault, the drywell, and the drainage trench. Soil samples were collected from between nine and twelve feet below ground surface. None of the soil samples collected were found to contain contaminants above the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) Soil Cleanup Objectives and Cleanup Levels.

*** A hydraulic elevator is located on-site. It is possible that the hydraulic oil located in the elevator motor reservoir contains PCBs. Federal regulations prohibit the use of hydraulic oils containing greater than 50 parts per million (ppm) of PCBs.

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APPENDIX B:	REGULATORY AGENCY DATA REPORT FINDINGS, OVERVIEW MAP, AND GLOSSARY
APPENDIX C:	PREVIOUS PHASE I ESA AND PHASE II SUBSURFACE INVESTIGATION
APPENDIX D:	NYCFD RECORD SEARCH REQUESTS
APPENDIX E:	ASBESTOS SAMPLE METHODOLOGY & LABORATORY ANALYSIS

I. PURPOSE AND SCOPE OF ENVIRONMENTAL SITE ASSESSMENT

Mr. Jim Rueda of Moving-Right-Along Services retained AquaTerra Assessment Services Corp. (AquaTerra) to perform a Phase I Environmental Site Assessment (ESA) of the property known as Amster Novelty, which is located at 101-21 101st Street, Queens, New York. The Phase I ESA was conducted in accordance with ASTM E 1527-97 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

As agreed upon by Moving-Right-Along Services and AquaTerra, the modifications to the ASTM E 1527-97 standard practice are as follows:

- A. In structures constructed prior to 1980, AquaTerra conducted limited sampling of suspect friable asbestos-containing materials and suspect non-friable asbestos-containing materials in poor condition. A summary of the laboratory analysis and an evaluation of the approximate amount, location, friability, and condition of such materials is included in the report.
- B. A review of existing federal and state scientific studies regarding average radon gas concentrations for the property and surrounding properties is included in the report.
- C. AquaTerra conducted a visual evaluation of painted surfaces that may contain lead-based paint. If areas of damaged or peeling paint are encountered in a pre-1978 residential building, AquaTerra collected samples of paint chips for submission to a laboratory for analysis of lead content and/or conducted limited lead-swab testing if site conditions warranted. The results of the visual evaluation and/or the results of the samples or swabs are included in the report.
- D. A visual identification of the potential presence of wetlands on or adjacent to the subject property is included in the report.
- E. The ASTM search distance for leaking underground storage tank sites has been reduced to a quarter-mile radius for densely-settled urban environments.

The purpose of this assessment, as limited by its agreed upon scope, is to assist Moving-Right-Along Services in identifying the recognized environmental conditions associated with the building and land that comprise the subject property, using all appropriate inquiry into the previous ownership and uses of the property consistent with

good commercial and customary practice. Specifically, the report seeks to identify recognized environmental conditions on and near the property, and to review reasonably ascertainable and practically reviewable records of those areas that may adversely impact the property owner or operator. The term "recognized environmental conditions" does not include *de minimis* conditions that do not generally present a material risk to public health or to the environment, and would not be likely to result in an enforcement action if brought to the attention of the appropriate regulatory agency.

AquaTerra undertook the following actions to accomplish its Phase I ESA mandate:

1. A physical inspection of the subject property on October 21, 1999 by Mr. Paul Hatcher of AquaTerra to locate and identify asbestos-containing materials; obvious signs of chemical spills; visual and documented evidence of chemical storage tanks; improper use, storage, and disposal of hazardous materials; areas of peeling paint suspected of containing lead; and PCB-containing electrical equipment. During the inspection of the subject property, Mr. Hatcher was accompanied by Mr. Patsy Picano, building superintendent at the subject property for the past 30 years.

2. The following individuals were interviewed concerning the operational history and environmental issues regarding the subject property and surrounding properties:

TABLE #1: INDIVIDUALS INTERVIEWED

NAME	TITLE	COMPANY/AGENCY
Mr. Patsy Picano	Building Superintendent	Subject property
Mr. Richard Tepper	President	Amster Designer Co. Inc.
Mr. John Kane	Technician	American Elevator

3. A review of federal and state standard environmental record sources using minimum search distances from the subject property, as defined by ASTM E 1527-97, to identify nearby sites with known environmental impairments or operations registered to handle hazardous substances and wastes.

4. A review of reasonably ascertainable standard historical sources such as aerial photographs, fire insurance maps, property tax files, recorded land title records, United States Geological Survey (USGS) 7.5 Minute Topographic Maps, local street directories, building department records, and zoning/land use records.

The Phase I ESA reflects conditions that were visibly evident in those areas where access was available on the date of AquaTerra's site visit. The assessment offers information about the property and the operations performed on-site. However, visual inspections are limited to those areas of the property that were accessible during the site visit. It is possible that asbestos-containing and other hazardous materials might be found in inaccessible areas and in materials that have not been sampled and analyzed by a laboratory. Given the scope and time frame to complete the report, it is impossible to classify all materials that might be found on-site.

AquaTerra's Phase I ESA is for Moving-Right-Along Services' use only. Any prices included for subsequent work are estimates and actual costs may vary. This report is not intended to be used as a bidding document for contractors.

LIMITING CONDITIONS

No limiting conditions were encountered during AquaTerra's site inspection.

WEATHER CONDITIONS

During the site inspection, the weather was sunny and approximately 65 degrees Fahrenheit.

II. ENVIRONMENTAL SETTING OF THE PROPERTY

A. PROPERTY DESCRIPTION

1. LOCATION

Property Name: Amster Novelties
Street Address: 101-21 101st Street
Borough: Queens (Ozone Park)
City: New York
County: Queens
State: New York
Tax Block: 9419
Tax Lot: 49
Reference: Figure #1: Site Plan and Overview
Map in Appendix B

2. STRUCTURE & BUILDING MATERIALS

Structure On-Site: A two-story commercial/light industrial building with two partial basements (see Picture #1 in Appendix A)
Number of Tenants: One commercial
Exterior Construction: Concrete and brick
Interior Construction: Concrete floors partially covered with 9"x9" and 12"x12" vinyl floor tiles, concrete block, sheetrock, wood, and wood-paneled walls, and concrete and steel beam ceilings partially covered with 2'x4' and 1'x1' ceiling tiles (see Pictures #2 and #3)

3. SITE FEATURES

Shape: Rectangular
Property Size: 1.06 acres
Building Size: 36,000 square feet (footprint)
Date of Construction: 1959-1968 (three phases)
Other Improvements: Paved parking area (see Picture #4)
Surface Topography: Generally flat
Wetlands: None visibly identified

Assumed Direction of
Groundwater Flow: Based on surface topography, a
USGS topographic map, and nearby
bodies of water, the groundwater
flow is assumed to be to the south
towards the Jamaica Bay.

4. UTILITIES

Water:	New York City
Sanitary Sewer:	New York City
Electric:	Consolidated Edison of New York
Gas:	Brooklyn Union Gas

5. HEATING

Heating System:	Gas-fired heating units (see Picture #5)
Distribution:	Forced hot air through ducts and vents

6. USE AND OCCUPANCY

The subject property is occupied by Amster Novelties, a fabric novelty manufacturing company. The first floor contains a shipping and receiving area in the south portion of the building. The middle and northern sections of the first floor contains sewing machine areas and machinery used for the manufacturing process. The remainder of the first floor contains a small kitchen, restrooms, storage areas, and mechanical areas. The second floor of the building contains office space on the south portion of the building. The northern half of the second floor contains additional sewing areas and manufacturing areas. The remainder of the north half of the second floor contains a small kitchen and mechanical areas. The roof contains air conditioning units. The two partial basements contain mechanical areas and some equipment storage (see Picture #6). The remainder of the subject property consists of a paved parking area on the south side of the subject property.

B. NEIGHBORING PROPERTY USES

The subject property is located on the east side of 101-21 101st Street. It is bordered by 101st Avenue to the north, 103rd Avenue to the south, 102nd Street to the east, and 101st Street to the west. Surrounding properties consist of single- and multiple-story commercial and light industrial buildings, residential homes, multiple-story residential buildings with ground-floor retail units, a church, retail buildings, parking lots, and railroad tracks.

NORTH: Properties north of the subject property consist of residential homes, a parking lot, and a multiple-story commercial/light industrial building (see Picture #7). Properties further to the north consist of a multiple-story apartment building with ground-floor retail units, retail buildings, and residential homes.

SOUTH: Properties south of the subject property consist of a single-story commercial/light industrial building, residential homes, and a parking lot (see Picture #8). Properties further to the south consist of a multiple-story commercial/light industrial building, residential homes, and residential buildings with retail units.

EAST: Residential homes are located to the east of the subject property (see Picture #9). Similar properties and a church are located further east.

WEST: Properties west of the subject property consist of a multiple-story commercial/light industrial building (see Picture #10). Long Island Railroad tracks and residential homes are located further west.

III. PUBLIC INFORMATION SEARCHES

A. REGULATORY REVIEW

Delineated below in Table #2: Database Search Summary is a listing of federal and state database searches for the property as well as the neighboring area for sites that may have, or have had, a negative environmental impact on the subject property. The database searches were conducted by Environmental Data Resources Inc. (EDR) on October 20, 1999. A listing of the sites identified within the ASTM-search radii and an explanation of the acronyms used and databases searched in this section can be found in Appendix B-Regulatory Agency Data Report Findings, Overview Map, and Glossary.

TABLE #2: DATABASE SEARCH SUMMARY

DATABASE	SEARCH DISTANCE	SUBJECT PROPERTY LISTED	SURROUNDING PROPERTIES LISTED	SITES POTENTIALLY IMPACTING SUBJECT PROPERTY
USEPA NPL	1.0 MILE	NO	NONE	NONE
USEPA CERCLIS	0.5 MILE	NO	NONE	NONE
USEPA RCRA TSD	0.5 MILE	NO	NONE	NONE
USEPA RCRA CORRACTS	1.0 MILE	NO	NONE	NONE
USEPA RCRIS	PROPERTY AND ADJOINING PROPERTIES	NO	2	NONE
USEPA ERNS	PROPERTY	NO	N/A	N/A
NYSDEC IHWDS	1.0 MILE	NO	NONE	NONE
NYSDEC SPILL LIST	0.25 MILE	NO	12	NONE
NYSDEC PST	PROPERTY AND ADJOINING PROPERTIES	NO	1	NONE
NYSDEC ASWF	0.5 MILE	NO	NONE	NONE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM (RCRIS)

The subject property is not identified on the USEPA RCRIS. However, two adjacent sites are identified on the USEPA RCRIS. These sites are described below.

Site Name: Metropolitan Garment Cleaning
Site Address: 101-20 101st Street
Queens, New York
Location: Adjacent to the west, crossgradient with
respect to assumed direction of groundwater
flow

This facility is listed as a small quantity generator of hazardous waste, which generates between 100 kilograms (220 pounds) and 1,000 kilograms (2,200 pounds) of hazardous waste per month. A listing on the USEPA RCRIS does not necessarily indicate an issue of environmental concern. This adjacent site is not listed as having any violations associated with its listing on the USEPA RCRIS. Therefore, it is unlikely that this adjacent site represents an issue of environmental concern.

Site Name: Ozone Industries
Site Address: 101-32 101st Street
Ozone Park, New York
Location: Adjacent to the west, crossgradient with
respect to assumed direction of groundwater
flow

This listing is for the adjacent facility to the west of the subject property, which also used to be located at the subject property. Three violations are listed for this facility, all of which have been brought into compliance as of January 1995. However, given the information provided in the database report and the lack of violations associated with this site's listing on the USEPA RCRIS, it is unlikely that this site has had an adverse environmental impact on the subject property. This site is also listed on the New York State Department of Environmental Conservation (NYSDEC) Petroleum Storage Tank (PST) database and the NYSDEC Databases of Leaking Underground Storage Tanks and Spills of Hazardous Substances. The information provided in these other databases is discussed in the corresponding database summaries that follow.

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
(NYSDEC) DATABASES OF LEAKING UNDERGROUND STORAGE TANKS
AND SPILLS OF HAZARDOUS SUBSTANCES (NYSDEC SPILL LIST)**

The subject property is not listed on the NYSDEC Spill List. However, there are 12 sites listed within an approximate quarter-mile radius of the subject property on the NYSDEC Spill List. One of these sites is located adjacent to the subject property and is described as follows:

Site Name: Ozone Industries
Site Address: 101-32 101st Street
Ozone Park, New York
Location: Adjacent to the west, crossgradient with
respect to assumed direction of groundwater
flow

This site is listed twice on the NYSDEC Spill List for three separate releases. The releases are described as follows:

- One release appears to be from the 1,080-gallon trichloroethylene tank previously used at the subject property (Ozone Industries is a former tenant of the subject property). According to the database, a tank test failure was reported in September 1987. The tank was re-tested, and the reported release was given a closed status on October 7, 1992. A closure designation is given to a site by the NYSDEC when the site had been adequately remediated as required by the NYSDEC and all of the appropriate paperwork has been completed and approved by the NYSDEC. This former trichloroethylene tank is also described in detail in Section IV.B. Given the remedial status of this release, it is not anticipated that it has had an adverse environmental impact on the subject property.
- Another listed release from this site was also given a closed status. Given the remedial status of this release, it is not anticipated that it has had an adverse environmental impact on the subject property.
- The third release is identified as having affected the soil only. During the removal of a tank, soil contamination was identified and stockpiled at this site in April 1998. No other information was available regarding this release. However, given that groundwater was not impacted, it is unlikely that this site has had an adverse environmental impact on the subject property.

Of the remaining ten listings on the NYSDEC Spill List, six sites have been closed by the NYSDEC. Given the remedial status of these six sites, it is not anticipated that they have had an adverse environmental impact on the subject property.

Three of the remaining four NYSDEC Spill List sites have impacted the land only. The closest of these three sites is located approximately 0.12 miles from the subject property. Given the distance of these sites from the subject property, the urban nature of the area, and the media impacted at these sites, it is unlikely these two sites have had an adverse environmental impact on the subject property. The remaining site has impacted groundwater and is described as follows:

Site Address: 103-45 98th Street
South Ozone Park, New York
Location: ~0.18 miles to the south, downgradient with
respect to assumed direction of groundwater
flow

Soil and groundwater have been impacted at this site. Corrective action has been taken and the NYSDEC is overseeing the remedial work at this site. However, given the distance of this site and its assumed downgradient location, it is unlikely that this NYSDEC Spill List site has had an adverse environmental impact on the subject property.

NYSDEC PETROLEUM STORAGE TANK (PST) DATABASE

The subject property is not listed on the NYSDEC PST database. However, there is one NYSDEC PST site located adjacent to the subject property. This site is as follows:

Site Name: Ozone Industries Inc.
Site Address: 101-32 101st Street
Ozone Park, New York
Location: Adjacent to the west, crossgradient with
respect to the assumed direction of
groundwater flow

According to the database report, this site has a total of eight registered USTs. This facility is actually a former tenant of the subject property and according to the previous Phase I ESA conducted in 1995, three of these tanks were previously located at the subject property. Two of the tanks (Tank ID#s 002 and 003) are listed as 2,000-gallon fuel oil USTs, which were installed in 1957 and 1967. Both of these tanks are listed as having been closed prior to April 1991. The third tank, which was located on the subject property (Tank ID# 009) is listed as a 1,080-gallon UST and the contents are listed as "other". This tank was installed in 1967 and was also closed prior to April 1991. This site is listed on the NYSDEC Spill List, which was discussed previously.

ORPHAN SITES

There are no orphan sites (sites with insufficient information, which are unmappable) listed on the database searches.

B. SITE HISTORY

In determining the past land use and operational activity at the subject property, AquaTerra conducted an interview and examined building records, Sanborn Fire Insurance maps, a previous Phase I ESA, and fire department records.

INTERVIEW

AquaTerra interviewed Mr. Patsy Picano, the building superintendent at the subject property for the past 30 years and Mr. Richard Tepper, President of Amster Designer Co. Inc. the current owner of the subject property for the past four years, regarding the development and environmental history of the property. Both Mr. Picano and Mr. Tepper stated that the building was constructed approximately 35 years ago. Mr. Picano stated that the building was previously occupied by Ozone Industries, a manufacturer of hydraulic equipment used in helicopters and small aircraft. Prior to the construction of the building on-site, Mr. Picano stated that the subject property consisted of residential homes. Mr. Picano stated that the building was previously heated with oil, and that two oil tanks were removed from the subject property approximately 15 years ago. Mr. Picano also informed AquaTerra that previous environmental reports were prepared for the subject property in 1995 (see Previous Environmental Reports section). Mr. Tepper informed AquaTerra that he was not aware of any past, current, or pending liabilities, notices, or violations of environmental laws associated with the subject property.

BUILDING RECORDS

Building records were reviewed at the New York City Department of Buildings. Several new building permits were issued between 1906 and 1958. Several demolition permits were also filed between 1945 and 1966. Certificates of Occupancy (CO) were also filed at the subject property until 1968. The property profile overview (PPO) also lists a gasoline tank permit for the subject property from 1915; however, no evidence of this tank was observed at the subject property during the site inspection. Several alteration permits building notices and miscellaneous permits were also listed on the PPO.

According to the previous Phase I ESA, a new building permit was filed in 1959 for a portion of the building on-site known as Building 6. Two COs were filed in 1964 and 1968 for two portions of the building on-site, known as Building 5 and Building 9, respectively.

SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance maps from 1911, 1927 and 1950 were examined at the New York City Public Library, Map Division to determine prior usage, development, and construction on the subject property. In addition, a 1981 Sanborn Fire Insurance map was provided in the previous Phase I ESA report conducted by Energy & Environmental Analysts, Inc. (see Previous Environmental Reports section below). The information from the Sanborn maps is summarized below in Table #3: Sanborn Fire Insurance Map Summary.

TABLE #3: SANBORN FIRE INSURANCE MAP SUMMARY

YEAR	SUBJECT PROPERTY	NORTH	SOUTH	EAST	WEST
1911	Six residential homes, private garages, and vacant lots	Commercial buildings, vacant lots, and residential homes	Vacant lots and residential homes	Vacant lots and residential homes	Commercial buildings including a ice factory, storage buildings, and a coal building
1927	Twelve residential homes and some private garages	Commercial and retail buildings with two gasoline tanks	Not reviewed	Residential homes and vacant lots	Commercial buildings part of a coal and ice yard
1950	Same as 1927	Similar to 1927 with a gasoline filling station with four gasoline tanks	Commercial buildings and residential homes	Similar to 1927	Manufacturing buildings and a vacant lot
1981	A single- and two-story commercial/Industrial building and a paved parking lot	A residential home, parking lot, and auto repair buildings with a total of five gasoline tanks	Similar to 1950	Residential homes	Not reviewed

PREVIOUS ENVIRONMENTAL REPORTS

AquaTerra reviewed a previous Phase I ESA report conducted in November 1995, which was prepared by Energy & Environmental Analysts, Inc. (EEA). The report indicated that the building located on-site is actually three interconnected buildings, known as Buildings 5, 6, and 9. The buildings were constructed in 1964, 1959, and 1968, respectively. Prior to the construction of the buildings on-site, the subject property consisted of residential homes. The "building" on-site was once connected by a footbridge to the building across 101st Street, all of which were occupied by Ozone Industries. Ozone Industries designed and manufactured hydraulic equipment for use in helicopters and small aircraft until they vacated the subject property in July 1995.

EEA indicated that three underground storage tanks (USTs) were previously located on-site: two 2,500-gallon fuel oil USTs and a 1,080-gallon trichloroethylene UST. Each of these USTs were reportedly closed in-place in 1987. In addition, one of the fuel oil USTs was removed from the building in the early 1990s to facilitate the installation of machinery in the area of this UST. The EEA report recommended that the subsurface in the vicinity of the USTs be tested for possible contamination. In addition, EEA identified a drywell and a trench adjacent to the southwest corner of the building in the parking lot and a trap cover in the southwest corner of the building. EEA recommended sampling in these areas to determine if past operations have led to discharges of hazardous materials into these systems. No other recommendations were made in EEA's report. However, EEA did identify several types of suspect asbestos-containing building materials, including pipe insulation and several types of floor tiles and ceiling tiles.

FIRE DEPARTMENT RECORDS

AquaTerra submitted a records search with the New York City Fire Department (NYCFD) for information pertaining to fuel oil and gasoline storage tanks on-site. No records of fuel oil tanks or gasoline tanks are listed for the subject property. A copy of the records searches is provided in Appendix D.

CONCLUSION

A review of the available historical data suggests that the building located on the subject property was constructed in phases between 1959 and 1968. The building was occupied by Ozone Industries until July 1995. Prior to 1959, the property was developed with residential homes. The surrounding area has been developed as early as 1911, and has consisted of residential homes and commercial buildings.

Properties to the north of the subject property have utilized gasoline underground storage tanks as far back as 1927 and as recently as 1981. None of these facilities are listed on the NYSDEC Spill List or the NYSDEC PST as having registered storage tanks. Therefore, it is unlikely that these facilities have had a significant adverse environmental impact on the subject property.

IV. AREAS OF ENVIRONMENTAL CONCERN

A. ASBESTOS

AquaTerra identified approximately 45 linear feet of friable suspect asbestos-containing pipe insulation in the sewing areas of the first floor (see Picture #11). Two bulk samples of this pipe insulation were collected, analyzed, and found to contain no asbestos. No other suspect friable asbestos-containing thermal system insulation was identified on-site. All of the exposed ducts were bare. No spray-on fireproofing was identified in the building. A copy of the asbestos analytical report is provided in Appendix E.

Non-friable potential asbestos-containing (PAC) 12"x12" vinyl floor tiles and friable PAC 2'x4' ceiling tiles are located throughout the building (see Picture #12). The PAC materials were in good condition and were not sampled. Mr. Picano stated that the ceiling tiles located in the second floor office area were installed approximately 15 years ago. Therefore, it is unlikely that these ceiling tiles contain asbestos.

B. CHEMICAL STORAGE TANKS

AquaTerra identified evidence of underground storage tanks (USTs) on the subject property. A fill cap, a remote fill cap, and a vent pipe were identified towards the northwest front of the building indicative of a fuel oil UST (see Picture #13). An additional fill cap and vent pipe were observed towards the southwest front of the building (see Picture #14). According to a previous Phase I ESA conducted in November 1995 by Energy & environmental Analysts, Inc. (EEA), three USTs were previously used on-site. The first fill cap and vent pipe identified by AquaTerra correspond to a former 2,500-gallon fuel oil UST which was closed in-place in 1987. The second fill cap and vent pipe correspond to a former 1,080-gallon trichloroethylene UST which was also closed in-place in 1987. According to Mr. Picano and the EEA report, another 2,500-gallon fuel oil UST was previously located in the southeast corner of the building. This UST was also closed in-place in 1987. However, this UST was removed in the early 1990s to facilitate the installation of machinery in the area of this UST. Therefore, two closed in-place USTs remain on-site; one UST formerly contained fuel oil and one UST formerly contained trichloroethylene. EEA's Phase I ESA report recommended subsurface testing to determine if these USTs were properly closed in-place.

EEA conducted a Phase II Environmental Subsurface Investigation at the subject property in December 1995. As part of the Phase II investigation, three soil borings were advanced in the vicinity of each of the three USTs. Each of the nine borings were advanced to

a depth of nine feet below ground surface (bgs) and soil samples were collected from the boring termination. Each of the soil samples collected from around the fuel oil USTs were analyzed for total petroleum hydrocarbons (TPHC) and the soil samples collected from around the trichloroethylene UST were sampled for volatile organic compounds (VOCs). The highest TPHC reading from the six soil samples collected from around the fuel oil USTs was 80 parts per million (ppm). The New York State Department of Environmental Conservation (NYSDEC) does not have a recommended action level for TPHC. However, TPHC levels of greater than 100 are regarded as indications of a possible release. Therefore, the TPHC levels detected around the fuel oil USTs are not indicative of a release. The soil samples collected around the former trichloroethylene UST were found to contain 1,1,1-trichloroethene and trichloroethene at levels of 13 parts per billion (ppb) and 180 ppb, respectively. The NYSDEC Technical and Administrative Guidance Memorandum (TAGM) Soil Cleanup Objectives and Cleanup Levels indicate that the recommended soil cleanup objectives for 1,1,1-trichloroethene and trichloroethene are 800 ppb and 700 ppb, respectively. Therefore, it does not appear that the former trichloroethylene UST has had an adverse environmental impact on the subject property.

In addition to the three former USTs located on-site, AquaTerra identified a gasoline tank permit on-file for the subject property with the New York City Department of Buildings. The permit was from 1915. AquaTerra submitted a records search with the New York City Fire Department (NYCFD) for records of gasoline tanks on-site. However, no records of gasoline tanks were on-file with the NYCFD and no evidence of this tank was observed during the site inspection. AquaTerra did identify a small concrete pad in the parking lot on-site. According to Mr. Picano, there have never been any gasoline tanks located on the subject property to his knowledge. Mr. Picano stated that the concrete pad was the location of a previous propane tank.

C. CHEMICAL STORAGE AREAS

A small quantity of chemicals was identified on-site. A 55-gallon drum of lubricating oil was identified in the sewing area on the first floor (see Picture #15). Small containers of oil were located in the vicinity of this drum. Another 55-gallon drum of lubricating oil was identified in the partial basement in the middle of the building (see Picture #16). A 55-gallon drum of hydraulic oil was identified in the hydraulic elevator motor room (see Picture #17). All of the chemicals identified by AquaTerra are in good condition, with no evidence of staining or spillage. Minor oil staining was identified in the hydraulic elevator motor room. However, this staining was on a concrete floor in good condition and no floor drains were identified near this staining (see Picture #18).

D. CHEMICAL USAGE ON-SITE

The chemicals stored on-site are used for machine maintenance. The hydraulic oil is used for the elevator maintenance.

E. EVIDENCE OF CHEMICAL SPILLS

AquaTerra identified minor oil staining in the elevator motor room (see Picture #18). The oil staining was on a concrete floor in good condition with no floor drains in the vicinity of the staining. Oil staining was also identified on the floor in the partial basement in the middle of the building, which is associated with an old air compressor (see Picture #19). The concrete floor was in good condition. However, a sump pit was identified in the floor of the basement (see Picture #20). According to Mr. Picano, a 55-gallon drum is located in the pit to collect bleed water from the compressors. Mr. Picano stated that the drum is periodically pumped out and emptied into the municipal sewer system.

F. POLYCHLORINATED BIPHENYLS (PCBS)

Electricity is supplied to the subject property by Con Ed. Several vaulted transformers are located along the sidewalk in front of the building (see Picture #21). The transformers are owned and maintained by Con Ed. Utility-owned transformers are generally categorized as PCB-contaminated (50 to 499 parts per million PCB). Transformers with 50 to 499 parts per million PCB are within federal regulatory compliance requirements. Typically, any maintenance, leaks or spills from the transformers are the responsibility of the utility.

A hydraulic elevator is located on-site (see Picture #22). Minor spills of hydraulic oil were observed in the elevator mechanical room during the inspection. Mr. Tepper stated that this elevator is serviced by American Elevators. According to Mr. John Kane, technician with American Elevators, no records of leaks from this elevator were on-file. Mr. Kane stated that the elevator is pressure tested every three years. Mr. Kane was unaware of the PCB content of the hydraulic oil currently located in the hydraulic oil reservoir. Mr. Picano stated that small amounts of hydraulic oil are periodically added to the hydraulic oil reservoir associated with the elevator, but there have been no significant leaks from the reservoir.

G. WASTEWATER DISCHARGES

No evidence of sanitary wastewater treatment was observed on-site. The sanitary wastewater generated by the building is discharged into the New York City sewer system.

A sump was identified in the partial basement in the middle of the building (see Picture #20). According to Mr. Picano, this sump contains a 55-gallon drum, which is used to collect bleed water from the compressors used in the basement. The drum is pumped out by Mr. Picano and emptied into the municipal sewer system.

In addition, AquaTerra identified several floor drains and wasteline access panels in the building, some of which were capped (see Picture #23). No staining was identified in the vicinity of any of these floor drains. According to the previous Phase I ESA conducted by EEA in 1995, a trap cover for a floor vault was identified in the southwest corner of the building. In addition, a drywell and a drainage trench were identified adjacent to the southwestern exterior of the building. AquaTerra identified this drywell and trench area during the site inspection (see Picture #24). As part of a Phase II subsurface investigation at the subject property, a soil sample was collected from the base of the vault and a soil sample was collected in the vicinity of the exterior drywell and trench. The sample collected from the interior vault was found to contain 18,000 ppm of TPHC, which is indicative of a petroleum release. The soil sample collected from the exterior drywell and trench area was analyzed for TPHC, VOCs, and metals. EEA recommended that the sediments in the vault be cleaned out. According to Mr. Tepper, the contamination identified was cleaned out prior to Amster Novelties occupancy of the building.

H. SOLID WASTE DISPOSAL

No treatment of solid waste was observed on-site. Solid waste is collected by a private hauler. No hazardous wastes are generated on-site.

I. RADON

The USEPA and the Centers for Disease Control and Prevention have used a continuous exposure of 4.0 picoCuries per liter (pCi/L) of air as the suggested remedial action level for radon exposure. A statewide radon study conducted by the New York State Department of Health determined that the average radon concentration for New York City is 1.4 pCi/L. This is below the recommended action level.

J. LEAD IN PAINT

Painted surfaces throughout the building were in good-fair condition, with some areas of peeling paint. Lead in paint is of concern if the paint is peeling and ingested, or if painted surfaces are sanded or pulverized to the point where lead-contaminated paint becomes airborne and inhaled. However, given the building's commercial use, exposure to damaged paint is of limited concern.

K. LEAD IN DRINKING WATER

The subject property uses potable water supplied by the City of New York. The United States Environmental Protection Agency (USEPA) regulatory limit is 15 parts per billion (ppb) for lead in drinking water. According to Ms. Aspa Capetamakis, Supervisor of Special Investigations, New York City Department of Environmental Protection (NYCDEP), New York City's drinking water meets current USEPA requirements for lead in drinking water.

L. WETLANDS

There was no visual evidence of wetland vegetation on or adjacent to the subject property.

V. CONCLUSIONS

AquaTerra has performed a Phase I Environmental Site Assessment in accordance with ASTM E 1527-97 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process of the property known as Amster Novelty, which is located at 101-21 101st Street, Queens, New York. Any modifications to this practice are described in Section I of this report. The recognized environmental conditions that were uncovered are as follows:

ASBESTOS

AquaTerra identified potential asbestos-containing (PAC) friable 2'x4' ceiling tiles and non-friable 12"x12" vinyl floor tiles throughout the building on-site. According to Mr. Picano, the ceiling tiles located in the office area were installed approximately 15 years ago and therefore, would most likely not contain asbestos. The remainder of the PAC ceiling and floor tiles are in good condition, are located in occupied areas, and were not sampled to avoid needlessly damaging them. In their present condition, even if the PAC ceiling and floor tiles contain asbestos, they present no significant environmental or health hazard. However, it is best to assume that the PAC ceiling and floor tiles contain asbestos and take certain precautions when handling them.

FORMER USTS/WASTEWATER DISCHARGES

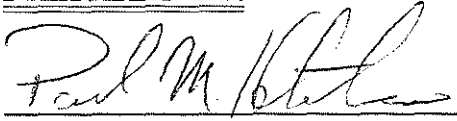
Three underground storage tanks (USTs) were previously used on-site: a 1,080-gallon trichloroethylene UST and two 2,500-gallon fuel oil USTs. Each of these USTs was closed in-place and one of the fuel oil USTs was subsequently removed from the subject property. In addition, a former Phase I ESA conducted on-site identified a floor vault in the southwest corner of the building and a drywell and drainage trench were identified in the parking area on-site. A Phase II Subsurface Investigation was conducted at the subject property in 1995 to address potential contamination from the three former USTs, the floor vault, the drywell, and the drainage trench. Soil samples were collected from between nine and twelve feet below ground surface. None of the soil samples collected were found to contain contaminants above the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) Soil Cleanup Objectives and Cleanup Levels.

POLYCHLORINATED BIPHENYLS (PCBS)

A hydraulic elevator is located on-site. Minor spills of hydraulic oil were observed in the elevator mechanical room during the

inspection. This elevator is serviced by American Elevators. According to a technician with American Elevators, no records of leaks from this elevator were on-file. However, it is possible that the hydraulic oil located in the elevator motor reservoir contains PCBs.

PREPARED BY:



Paul M. Hatcher
Senior Environmental Engineer
AquaTerra Assessment Services Corp.

10/28/99
Date:

REVIEWED AND APPROVED BY:



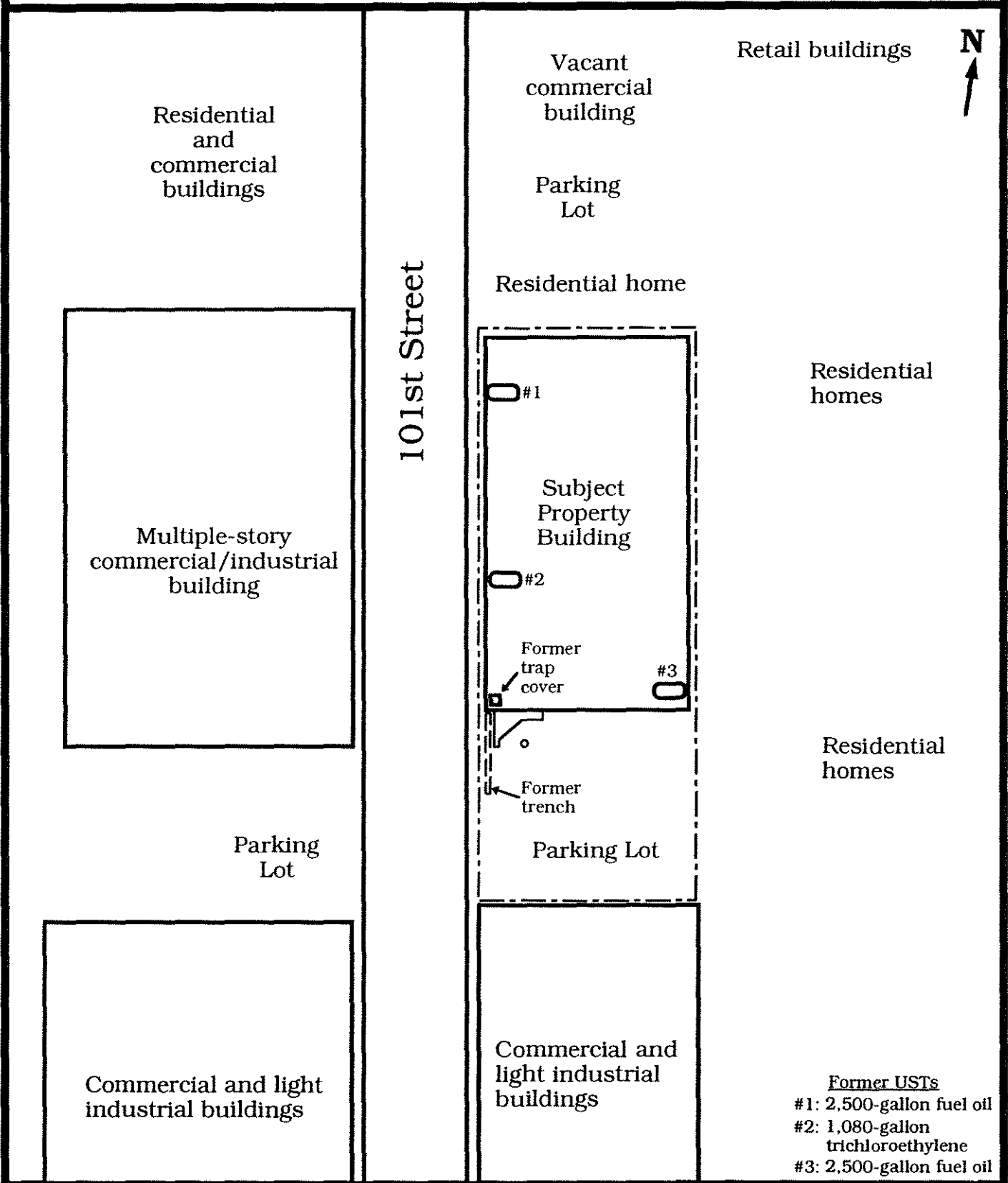
AnnMarie Sorena
Senior Environmental Engineer
AquaTerra Assessment Services Corp.

10/28/99
Date:

FIGURE # 1

SITE PLAN

FIGURE # 1: SITE DIAGRAM



- Former USTs**
- #1: 2,500-gallon fuel oil
 - #2: 1,080-gallon trichloroethylene
 - #3: 2,500-gallon fuel oil

AQUATERRA
 ASSESSMENT SERVICES CORP.
 49 West 23rd Street
 6th Floor
 NEW YORK, NEW YORK 10010

PROJECT: AT99-PA-90999

Amster Novelties
 101-21 101st Street
 Queens, New York

NOT TO SCALE

--- Property Boundary

○ Former UST location

○ Drywell

APPENDIX A

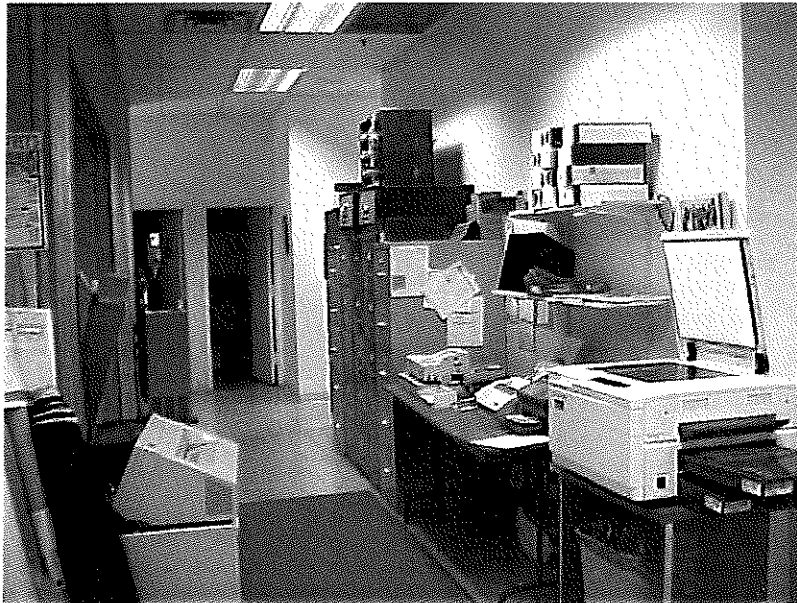
PICTURES



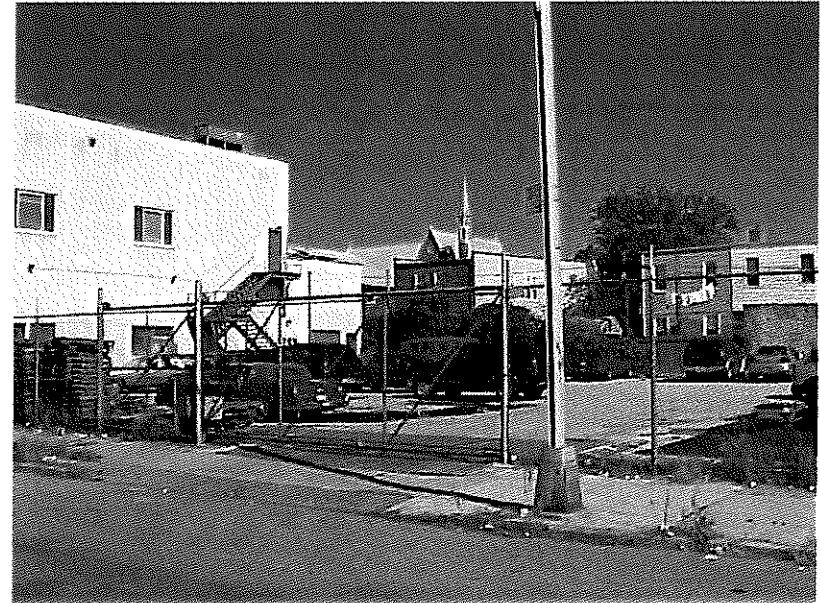
Picture #1: View of the building located on the subject property.



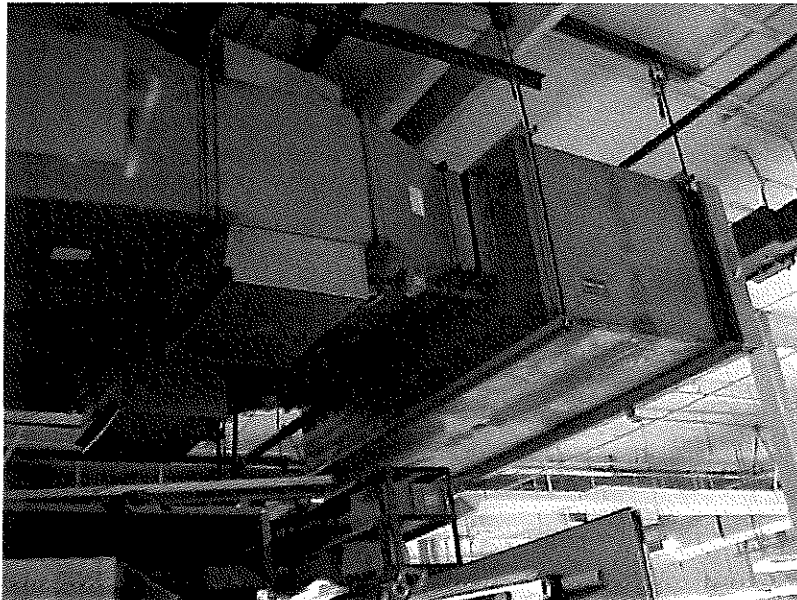
Picture #2: View of the interior space of the building on-site.



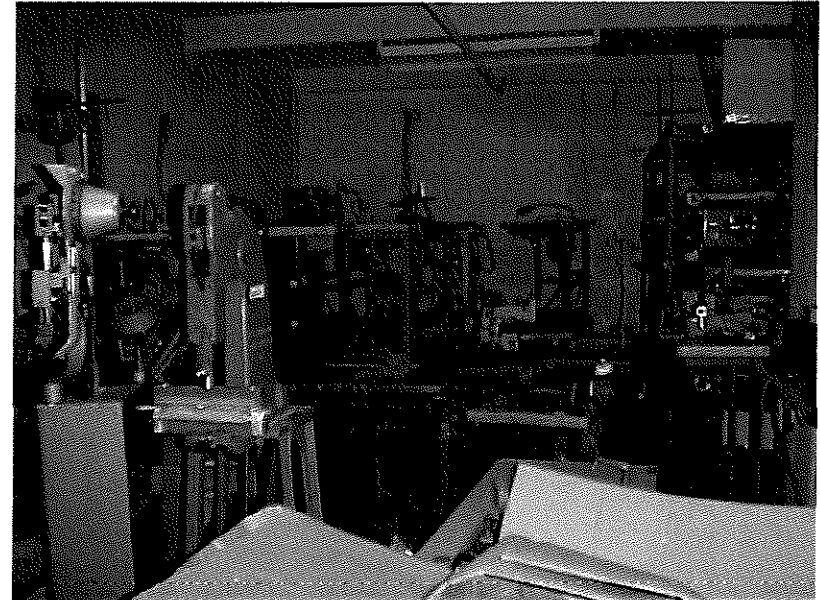
Picture #3: View of the interior of the office areas in the building on-site.



Picture #4: View of the paved parking area located on the southern portion of the subject property.



Picture #5: View of a typical gas-fired heater located in the building.



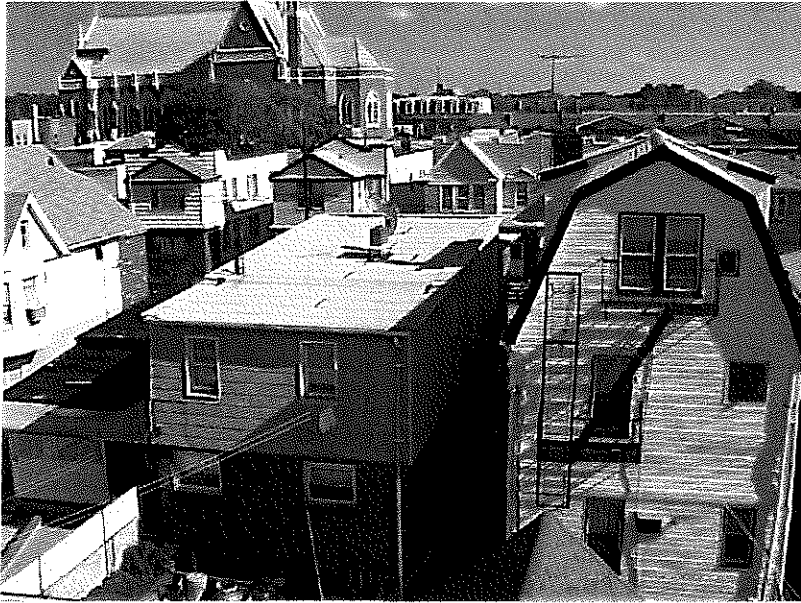
Picture #6: View of the partial basement located in the middle of the building on-site.



Picture #7: View of properties to the north of the subject property.



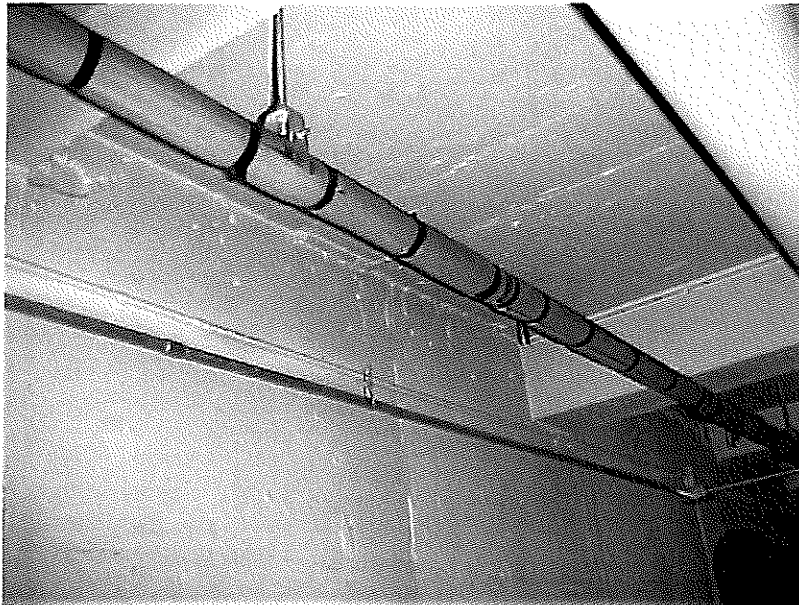
Picture #8: View of properties to the south of the subject property.



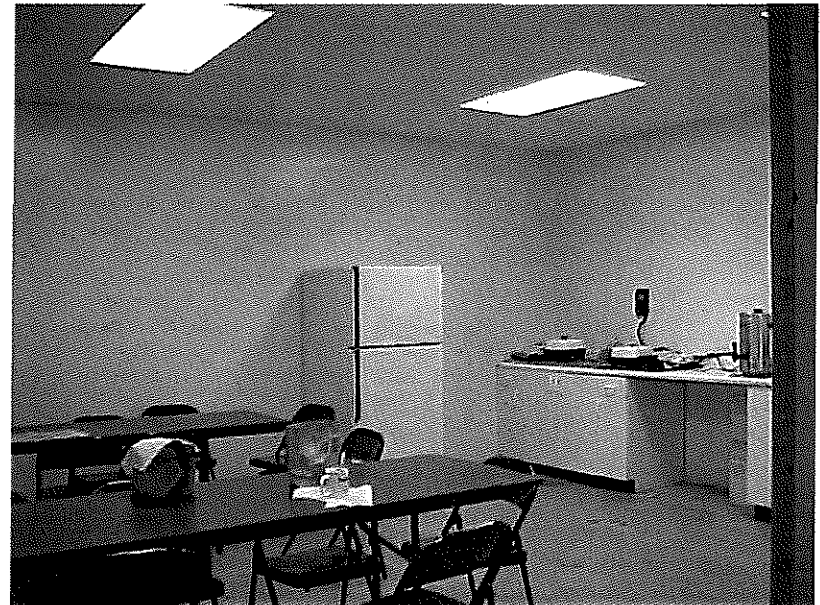
Picture #9: View of properties to the east of the subject property.



Picture #10: View of properties to the west of the subject property.



Picture #11: View of the pipe insulation located on the first floor which was found to contain no asbestos.



Picture #12: View of the typical PAC ceiling tiles and floor tiles located on-site.



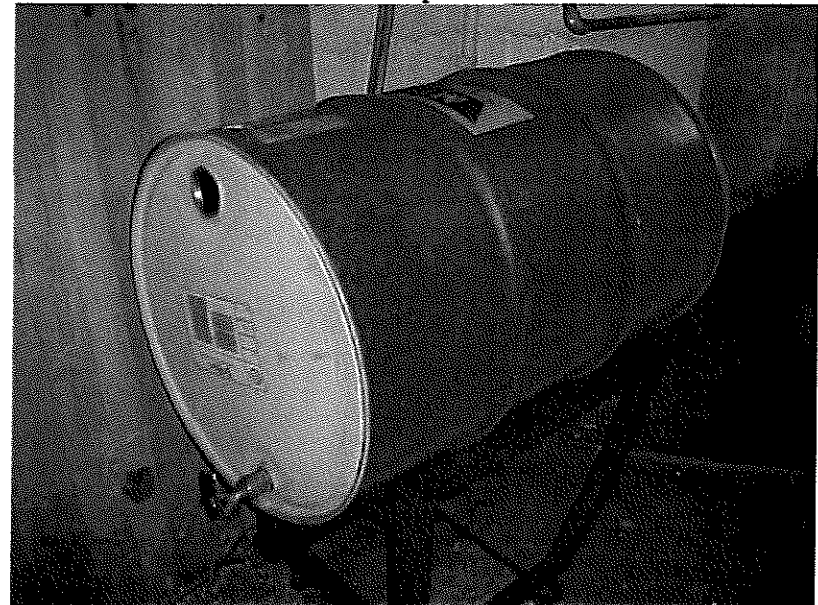
Picture #13: View of the fill caps and vent pipe associated with a former fuel oil tank closed in-place on the subject property.



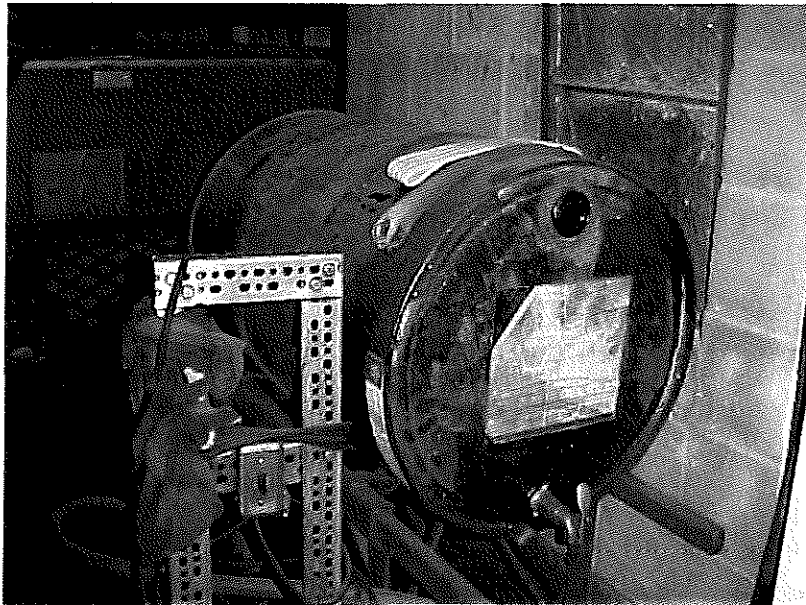
Picture #14: View of the fill cap and vent pipe associated with a former trichloroethylene UST which was closed in-place on-site.



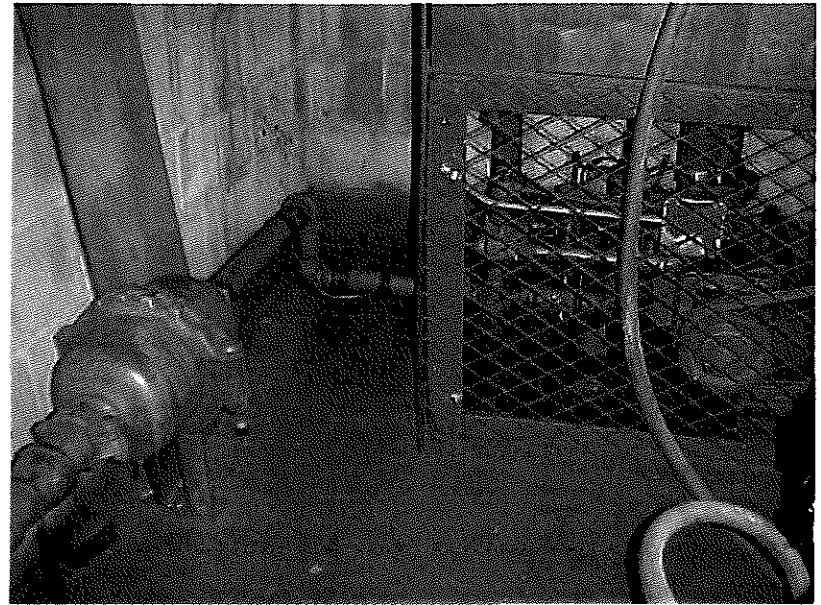
Picture #15: View of a 55-gallon drum of lubricating oil located in the first floor sewing area



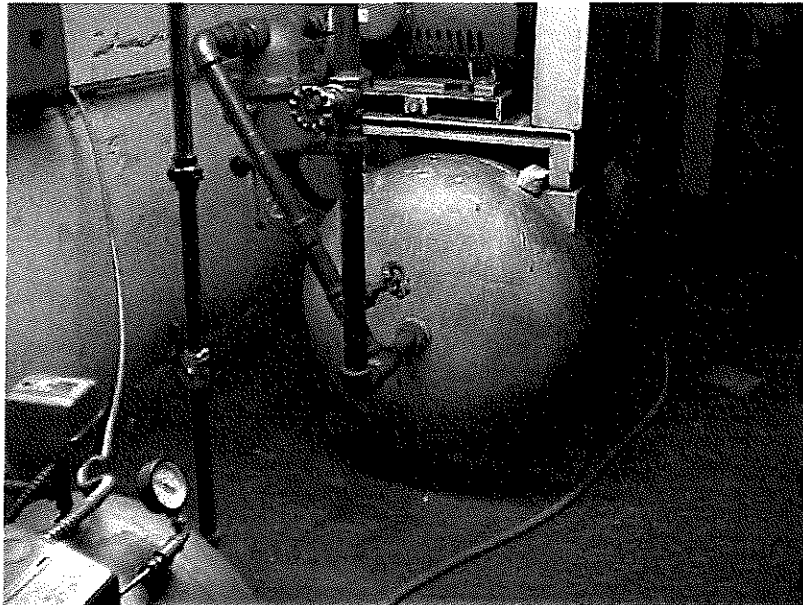
Picture #16: View of a 55-gallon drum of lubricating oil located in the partial basement in the middle of the building.



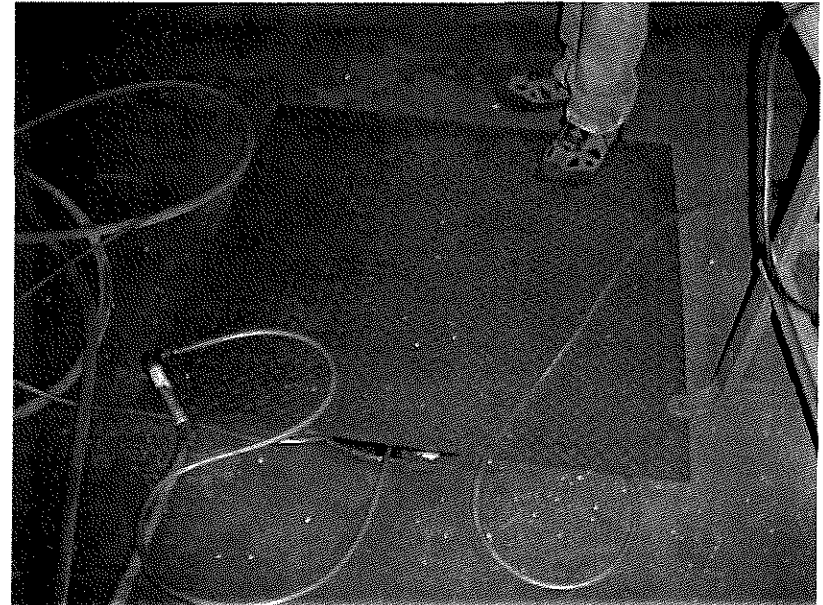
Picture #17: View of a 55-gallon drum of hydraulic oil located in the elevator motor room.



Picture #18: View of the oil staining located in the hydraulic elevator room.



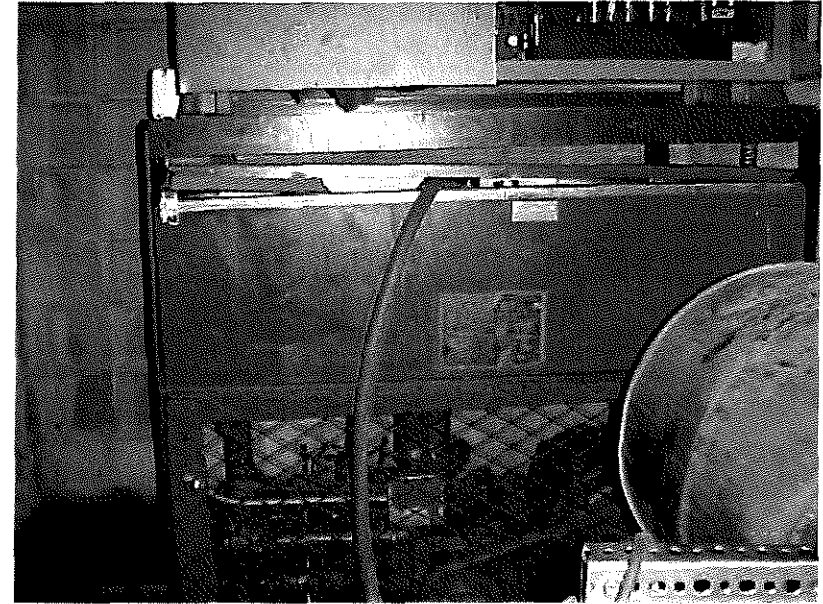
Picture #19: View of the oil staining located in the basement near an old compressor.



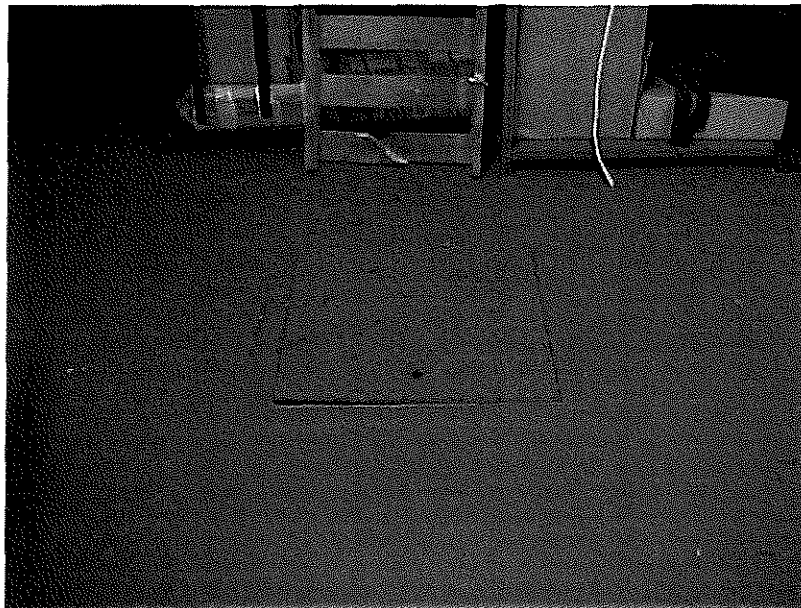
Picture #20: View of the sump pit located in the partial basement in the middle of the building.



Picture #21: View of the vaulted transformers located on the sidewalk in front of the subject property.



Picture #22: View of the hydraulic elevator located in the building on-site.



Picture #23: View of the typical wasteline access panels located throughout the building.



Picture #24: View of the on-site drywell (arrow) and former trench area (in background) in the parking area on-site.

APPENDIX B

**REGULATORY AGENCY DATA REPORT
FINDINGS, OVERVIEW MAP, AND
GLOSSARY**



The EDR-Radius Map™ Report

PA-90999
101-21 101st Street
Ozone Park, NY 11416
Inquiry Number: 0424127.1r

October 20, 1999

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

101-21 101ST STREET
OZONE PARK, NY 11416

No mapped sites were found in EDR's search of available ("reasonably ascertainable") government records either on the subject property or within the ASTM E-1527-97 search radius around the subject property for the following Databases:

NPL: National Priority List
Deleted NPL: NPL Deletions
RCRIS-TSD: Resource Conservation and Recovery Information System
SHWS: State Haz. Waste
CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP: Comprehensive Environmental Response, Compensation, and Liability Information System
CORRECTS: Corrective Action Report
SWFLF: Facility Register
AST: Petroleum Bulk Storage (AST)
RAATS: RCRA Administrative Action Tracking System
HMIRS: Hazardous Materials Information Reporting System
PADS: PCB Activity Database System
ERNS: Emergency Response Notification System
TRIS: Toxic Chemical Release Inventory System
NPL Lien: NPL Liens
TSCA: Toxic Substances Control Act
MLTS: Material Licensing Tracking System
CBS AST: Chemical Bulk Storage (CBS) Database
MOSF UST: Major Oil Storage Facilities Database
MOSF AST: Major Oil Storage Facilities Database
VCP: Voluntary Cleanup Agreement
ROD: ROD
CONSENT: Superfund (CERCLA) Consent Decrees
Coal Gas: Former Manufactured gas (Coal Gas) Sites.
MINES: Mines Master index File

Unmapped (orphan) sites are not considered in the foregoing analysis.

Search Results:

Search results for the subject property and the search radius, are listed below:

Subject Property:

The subject property was not listed in any of the databases searched by EDR.

EXECUTIVE SUMMARY

Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of 10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Conservation's Spills Information Database.

A review of the LUST list, as provided by EDR, and dated 07/01/1999 has revealed that there are 7 LUST sites within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
101-32 101ST ST/OZONE IN	101-32 101ST ST.	0 - 1/8 N	A3	8
103-12 101ST AVE./ST MAR	103-12 101ST AVE.	0 - 1/8 NE	B6	18
THE MERRY GATES OF HEAVEN	103-12 101ST AVENUE	0 - 1/8 NE	B7	18
103-10 103RD ST	103010 103RD ST	1/8 - 1/4 ESE	C8	19
103RD ST & 103RD AVE/OUNS	103RD ST / 103RD AVE	1/8 - 1/4 ESE	C9	20
NYC POLICE PRECT. 106	10353 101ST ST	1/8 - 1/4 SSE	F 19	29
97-10 103TH ST	97-10 103TH ST	1/8 - 1/4 N	28	60

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the UST list, as provided by EDR, and dated 07/01/1999 has revealed that there are 10 UST sites within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OZONE INDUSTRIES, INC	10132 101ST ST	0 - 1/8 N	A5	10
(GARAGE) O. Z. QUIC OIL CHANGE	9733 100TH ST	1/8 - 1/4 NNW	D13	22
97-08 103 AVE	97-08 103 AVE	1/8 - 1/4 SW	15	23
JACARON TRANSPORTATION INC	9728 99TH ST	1/8 - 1/4 NW	D16	24
THE VOGES MFG. COMPANY INC.	10311 98TH ST	1/8 - 1/4 S	E18	27
RELIABLE A & G FUELS	101-10-08 97TH AVE	1/8 - 1/4 N	20	30
106 APT	103-43 101ST ST	1/8 - 1/4 ESE	F21	33
QUEENS FARMS DAIRY INC	10345 98TH ST	1/8 - 1/4 S	E26	38
QUEENS FARMS DAIRY INC	10246 98TH ST	1/8 - 1/4 S	E27	50
KAM THERMAL EQUIPMENT LTD	98-21 97TH ST	1/8 - 1/4 WNW	29	61

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 07/01/1999 has revealed that there are 8 RCRIS-SQG sites within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
METROPOLITAN GARMENT CLEANING	101-20 101ST ST	0 - 1/8 NNW	1	7

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MAIN LINE AUTO COLLISION INC	103-32 101ST ST	1/8 - 1/4 SSE	11	21
VOGUES MFG CO INC	103-11 98TH ST	1/8 - 1/4 SSW	12	22
SAL & SON INC	97-21 101ST ST	1/8 - 1/4 NNW	D14	23
SUPERSTAR AUTO COLLISION & REP	97-07 100TH ST	1/8 - 1/4 NNW	D17	27
REMEDY REMOVAL INC	103-21 104TH ST	1/8 - 1/4 ESE	23	37
QUEENS FARMS DAIRY	103-45 99TH ST	1/8 - 1/4 S	E24	37
PROVVISIERO BROTHERS INC	106-17 101ST AVE	1/8 - 1/4 NE	30	35

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LOG list, as provided by EDR, and dated 07/01/1989 has revealed that there is 1 RCRIS-LOG site within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OZONE INDUSTRIES	101-32 101ST ST	0 - 1/8 N	A4	9

SPILLS: The Spills Information Database from The Department of Environmental Conservation.

A review of the NY Spills list, as provided by EDR, has revealed that there are 5 NY Spills sites within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
101-70 99TH STREET	10170 99TH ST	0 - 1/8 WSW	2	7
OZONE INDUSTRIES, INC	10132 101ST ST	0 - 1/8 N	A5	10
PUBLIC SCHOOL #65	10322 99TH ST	1/8 - 1/4 S	10	20
99TH ST & 97TH AVE.	99TH ST. / 97TH AVE.	1/8 - 1/4 HW	22	36
103-45 98TH ST	103-45 98TH ST	1/8 - 1/4 S	E25	37

CBS UST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS UST list, as provided by EDR, and dated 07/01/1999 has revealed that there is 1 CBS UST site within approximately 0.25 miles of the subject property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
OZONE INDUSTRIES	101-32 101ST ST	0 - 1/8 N	A4	9

HSWDS: The Hazardous Substance Waste Disposal Site Inventory includes any known or suspected hazardous substance waste disposal sites. Also included are sites deleted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites which the U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

A review of the HSWDS list, as provided by EDR, and dated 05/17/1999 has revealed that there is 1 HSWDS site within approximately 0.5 miles of the subject property.

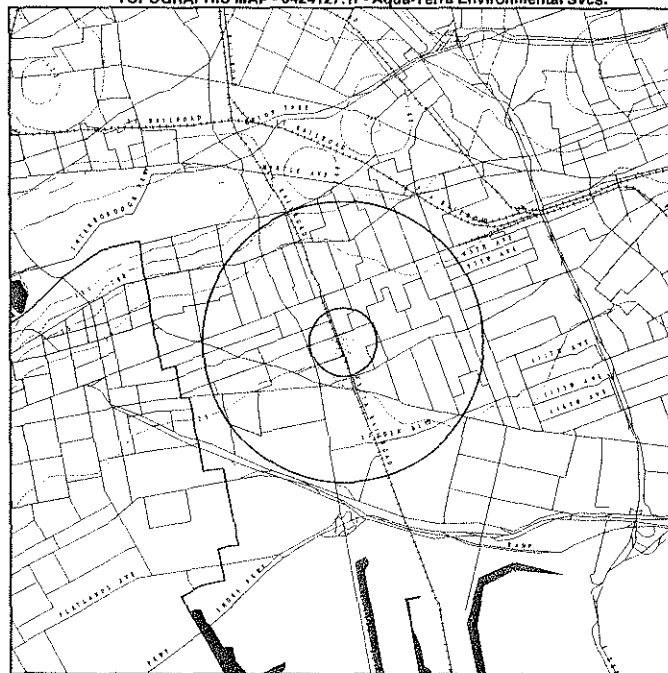
TC0424127.1f EXECUTIVE SUMMARY 3

TC0424127.1f EXECUTIVE SUMMARY 4

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:
There were no unmapped sites in this report.

TOPOGRAPHIC MAP - 0424127.1f - Aqua-Terra Environmental Svcs.

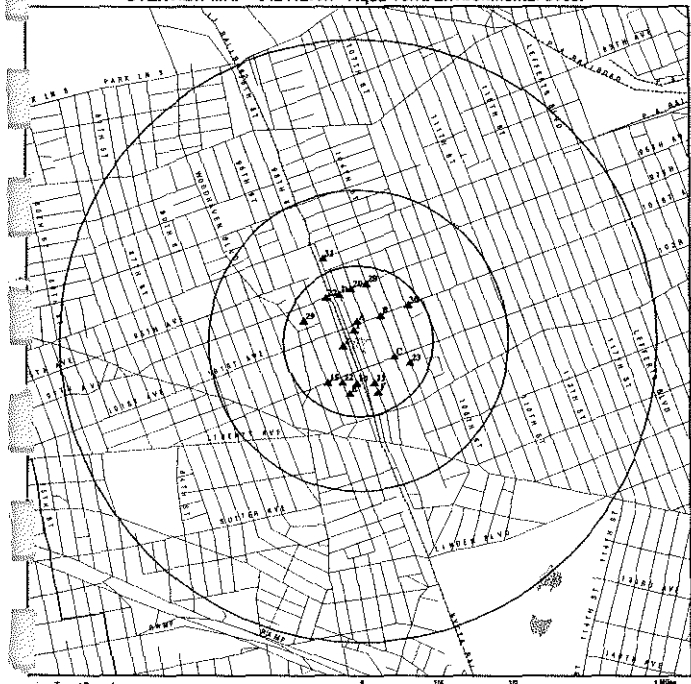


Source: US Geological Survey 1-Degree Digital Elevation Model
Compiled 09/15/92

- Major Roads
- Contour lines (25 foot interval unless otherwise shown)
- Waterways

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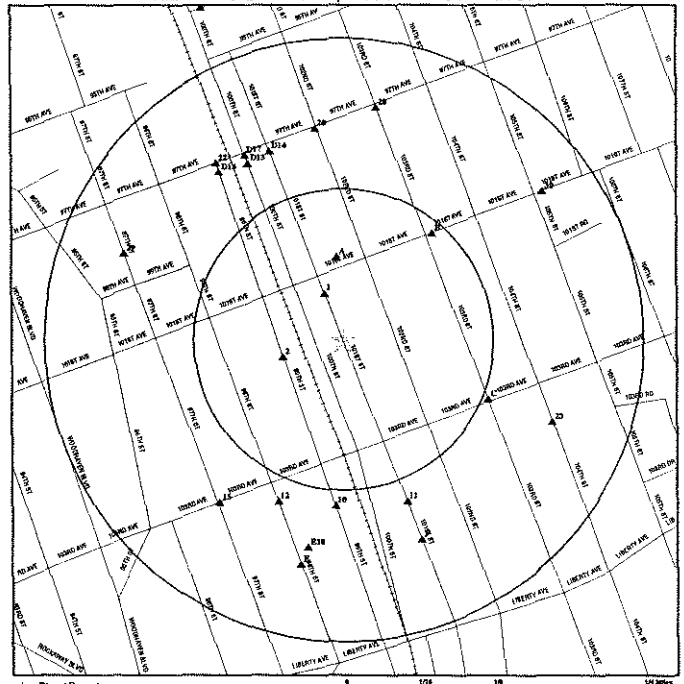
TARGET PROPERTY:	PA-90999	CUSTOMER:	Aqua-Terra Environmental Svcs.
ADDRESS:	101-21 101st Street	CONTACT:	Thompson Holliday
CITY/STATE/ZIP:	Ozone Park NY 11416	INQUIRY #:	0424127.1f
LAT/LONG:	40.69456 / 73.84260	DATE:	October 20, 1999



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- Wetlands per National Wetlands Inventory (1994)

TARGET PROPERTY: PA-80999
 ADDRESS: 101-21 101st Street
 CITY/STATE/ZIP: Ozone Park NY 11416
 LAT/LONG: 40.6845 / 73.8420

CUSTOMER: Aqua-Terra Environmental Svcs.
 CONTACT: Thompson Holiday
 INQUIRY #: 0424127.1r
 DATE: October 20, 1999 5:38 pm



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites (if requested)
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Power transmission lines
- Oil & Gas pipelines

TARGET PROPERTY: PA-80999
 ADDRESS: 101-21 101st Street
 CITY/STATE/ZIP: Ozone Park NY 11416
 LAT/LONG: 40.6845 / 73.8420

CUSTOMER: Aqua-Terra Environmental Svcs.
 CONTACT: Thompson Holiday
 INQUIRY #: 0424127.1r
 DATE: October 20, 1999 5:38 pm

MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.250	3	4	NR	NR	NR	7
UST		0.250	1	9	NR	NR	NR	10
AST	TP	NR	NR	NR	NR	NR	NR	0
RAATS	TP	NR	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	1	7	NR	NR	NR	8
RCRIS Lg. Quan. Gen.		0.250	1	0	NR	NR	NR	1
HMIRS	TP	NR	NR	NR	NR	NR	NR	0
PADS	TP	NR	NR	NR	NR	NR	NR	0
ERNS	TP	NR	NR	NR	NR	NR	NR	0
TRIS	TP	NR	NR	NR	NR	NR	NR	0
NPL Liens	TP	NR	NR	NR	NR	NR	NR	0
TSCA	TP	NR	NR	NR	NR	NR	NR	0
MLTS	TP	NR	NR	NR	NR	NR	NR	0
NY Spills		0.250	2	3	NR	NR	NR	5
CBS LUST		0.250	1	0	NR	NR	NR	1
CBS AST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
HSWDS		0.500	0	0	1	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
MINES		0.250	0	0	NR	NR	NR	0

TP = Target Property
 NR = Not Requested at this Search Distance
 * Sites may be listed in more than one database

MAP FINDINGS SUMMARY SHOWING ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.250	3	4	NR	NR	NR	7
UST		0.250	1	9	NR	NR	NR	10
AST	TP	NR	NR	NR	NR	NR	NR	0
RAATS	TP	NR	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	1	7	NR	NR	NR	8
RCRIS Lg. Quan. Gen.		0.250	1	0	NR	NR	NR	1
HMIRS	TP	NR	NR	NR	NR	NR	NR	0
PADS	TP	NR	NR	NR	NR	NR	NR	0
ERNS	TP	NR	NR	NR	NR	NR	NR	0
TRIS	TP	NR	NR	NR	NR	NR	NR	0
NPL Liens	TP	NR	NR	NR	NR	NR	NR	0
TSCA	TP	NR	NR	NR	NR	NR	NR	0
MLTS	TP	NR	NR	NR	NR	NR	NR	0
NY Spills		0.250	2	3	NR	NR	NR	5
CBS UST		0.250	1	0	NR	NR	NR	1
CBS AST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0
MOSF AST		0.500	0	0	0	NR	NR	0
HSWDS		0.500	0	0	1	NR	NR	1
VCP		0.500	0	0	0	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
MINES		0.250	0	0	NR	NR	NR	0

TP = Target Property
 NR = Not Requested at this Search Distance
 * Sites may be listed in more than one database

Coal Gas Spill Search: No site was found in a search of Real Property Scan's ENVROHAX database.

101-70 99TH STREET (Continued) S102147429

1 METROPOLITAN GARMENT CLEANING RCRIS-SGG 1001233306
 NNW 101-20 101ST ST NYR00064907
 < 1/8 QUEENS, NY 11416
 223 Higher

RCRIS:
 Owner: HEN SUN
 (718) 268-8896
 Contact: HEN SUN
 (718) 843-6712
 Record Date: 12/16/1998
 Classification: Small Quantity Generator
 Used Oil Recy: No
 Violation Status: No violations found

2 101-70 99TH STREET NY Spills S102147429
 WSW 10370 99TH ST N/A
 < 1/8 OZONE PARK, NY
 275 Higher

SPILLS:
 Spill Number: 9311105 Region of Spill: 2
 Facility Contact: Not reported Facility Tele: Not reported
 Investigator: SULLIVAN SWIS: 63
 Caller Name: PAULINE SCAPPA Caller Agency: CORY CONTEMPORARY INC.
 Caller Phone: (718) 835-6500 Caller Extension: Not reported
 Notifier Name: Not reported Notifier Agency: Not reported
 Notifier Phone: Not reported Notifier Extension: Not reported
 Spiller Contact: Not reported Spiller Phone: Not reported
 Spiller: UNK
 Spiller Address: Not reported
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response: Wiling Responsible Party. Corrective action taken.
 Spill Closed Dt: 04/25/1994
 Spill Cause: Unknown Resource Affected: On Land
 Water Affected: Not reported Spill Source: Unknown
 Spill Notifier: Affected Persons PES Number: Not reported
 Spill Date: 12/14/1993 08:00 Reported to Dept: 12/14/1993 08:30
 Cleanup Ceased: 04/25/1994
 Last Inspection: Not reported
 Cleanup Meets Standard: True
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: 05/26/1994
 Is Updated: False
 Corrective Action Plan Submitted: Not reported
 Date Spill Entered in Computer Data File: 12/15/1993
 Date Region Sent Summary to Central Office: Not reported

A3 101-32 101ST ST, OZONE IN LUST S105167429
 North < 1/8 101-32 101ST ST
 355 NEW YORK CITY, NY
 Higher

LUST:
 Spill Number: 8704844 Region of Spill: 2
 Facility Contact: Not reported Facility Tele: Not reported
 Investigator: BATTISTA SWIS: 63
 Caller Name: Not reported Caller Agency: Not reported
 Caller Phone: Not reported Caller Extension: Not reported
 Notifier Name: Not reported Notifier Agency: Not reported
 Notifier Phone: Not reported Notifier Extension: Not reported
 Spiller Contact: Not reported Spiller Phone: (718) 845-5200
 Spiller: MR. PARIGNA
 Spiller Address: Not reported
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response: Wiling Responsible Party. Corrective action taken.
 Spill Closed Dt: 11/04/93
 Spill Cause: Tank Test Failure Resource Affected: Groundwater
 Water Affected: Not reported Spill Source: Other Commercial/Industrial
 Spill Notifier: Tank Tester Spill Source: 2-348155
 Spill Date: 09/10/97 14:45 Reported to Dept: 09/10/97 15:17
 Cleanup Ceased: 11/04/93
 Last Inspection: //
 Cleanup Meets Standard: False
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: //
 Enforcement Date: //
 Investigation Complete: //
 UST Involvement: False
 Spill Record Last Update: 02/15/94
 Is Updated: //
 Corrective Action Plan Submitted: //
 Date Spill Entered in Computer Data File: 09/15/97
 Date Region Sent Summary to Central Office: //
 DEC Remarks: // DEC (AUSTIN) CALLED TANK TEST INC. HE GAVE HIS PHONENUMBER FOR OWNERS TO CONTACT HIM. 11/04/93 DEC (AUSTIN) CALLED TANK TEST INC. HE GAVE HIS PHONENUMBER FOR OWNERS TO CONTACT HIM. SYSTEM TAKEN OUT OF SERVICE BECAUSE REMOVED CONTAMINATION SEE SPILL 870483. LEAK RATE WAS GREATER THAN 2GAL/HR, 1000 GAL. TANK.
 Spill Cause:
 Spill Number: 8704883 Region of Spill: 2
 Facility Contact: Not reported Facility Tele: Not reported
 Investigator: BATTISTA SWIS: 63
 Caller Name: Not reported Caller Agency: Not reported
 Caller Phone: Not reported Caller Extension: Not reported
 Notifier Name: Not reported Notifier Agency: Not reported
 Notifier Phone: Not reported Notifier Extension: Not reported
 Spiller Contact: Not reported Spiller Phone: (718) 845-5200
 Spiller: OZONE INDUSTRIES
 Spiller Address: 101-32 101ST ST, OZONE, NY

101-32 101ST ST, OZONE IN (Continued) S100167429

OZONE INDUSTRIES (Continued) 1006311671

Spill Class: Known release with minimal potential for fire or hazard. DEC Response: Wiling Responsible Party. Corrective action taken.
 Spill Closed Dt: 10/07/92
 Spill Cause: Tank Test Failure Resource Affected: Groundwater
 Water Affected: Not reported Spill Source: Other Commercial/Industrial
 Spill Notifier: Tank Tester Spill Source: 2-348155
 Spill Date: 09/11/92 12:00 Reported to Dept: 09/11/92 13:12
 Cleanup Ceased: 10/07/92
 Last Inspection: //
 Cleanup Meets Standard: False
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: //
 Enforcement Date: //
 Investigation Complete: //
 UST Involvement: False
 Spill Record Last Update: 09/15/94
 Is Updated: False
 Corrective Action Plan Submitted: //
 Date Spill Entered in Computer Data File: 09/16/97
 Date Region Sent Summary to Central Office: //
 DEC Remarks: 10/10/95. This is additional information about material spilled from the translation of the old spill file: TRICHLOROETHYLENE
 Spill Cause: TANK BEING EMPTIED. 1000 GAL. TANK WILL EXCAVATE AND RETEST. CONTACT: CHA RLES PERIGNA 718 845-5200

Emergency Contact: JAMES BARBOLLA, (516) 354-3305 Expiration Date: 07/05/1997
 Certification Date: 10/31/1995
 Owner: OZONE INDUSTRIES INC.
 Owner Address: 101-32 101ST ST, OZONE PARK, NY 11416
 Owner Phone: (718) 845-5200
 Owner Type: Corporate/Commercial
 Facility Type: MANUFACTURING
 Mail To: OZONE INDUSTRIES INC.
 Mail Address: 101-32 101ST ST, OZONE PARK, NY 11416
 ATTN: JAMES BARBOLLA (718) 845-5200
 SPDES No: Not reported Facility Status: INACTIVE FACILITY
 Owner Subtype: Not reported
 Tank Status: Closed/Removed
 Tank Error Status: No Missing Data
 Total Tanks: 0 Capacity: 2000 Gals
 Tank Location: Underground, vaulted, with access
 Install Date: 12-80
 CAS No: 79016
 Substance: Single Hazardous Substance on DEC List
 Tank Type: Steel/carbon steel 2nd Containr: Diking
 Tank Internal: None Pipe Type: ST ECUIRON
 Tank External: None
 Pipe Internal: None Pipe Location: Aboveground/Underground Combination
 Pipe External: None
 Pipe Containment: Diking
 Leak Detection: None
 Overfill Protection: 9
 Chemical: Not reported Tank Closed: 09/00
 Tank Secret: False Date Entered: 07/05/1995 09:26:25
 Last Test: Not reported Data Date: Not reported
 SWIS Code: 6301
 Cont Flag: False Case No: Not reported
 Is a Tank: False Is Updated: False
 Owner Mark: 1 Lev. Long: 404/105 / 735/031
 Renew Date: 04/01/93 Date Expired: 07/05/95
 Deliquent: F Total Capacity: 0
 Tank Number: 4 Region: STATE
 Flag: C

A4 OZONE INDUSTRIES CBS UST 100931571
 North 101-32 101ST ST RCRIS-LQG NYD99989818
 < 1/8 OZONE PARK, NY 11416
 365 Higher

RCRIS:
 Owner: JOY MFG CO
 (212) 655-1212
 Contact: E PEGAZZA
 (718) 845-5200
 Record Date: 06/19/1986
 Classification: Large Quantity Generator
 Used Oil Recy: No
 Violation Status: Violation information exist

There are 3 violation record(s) reported at this site:

Evaluation	Date of Compliance
Compliance Evaluation Inspection (CEI)	01/27/1995
Compliance Evaluation Inspection (CEI)	01/27/1995
Compliance Evaluation Inspection (CEI)	01/27/1995
Compliance Evaluation Inspection (CEI)	01/06/1987

CBS UST:
 CBS Number: 2-000073
 PBS No: Not reported
 Town: NEW YORK CITY
 Operator: OZONE INDUSTRIES INC.
 IDS No: 2-126098
 MOSE No: Not reported
 Facility Tel: (718) 845-5200

A5 OZONE INDUSTRIES, INC NY Spills U001839632
 North 101-32 101ST ST UST N/A
 < 1/8 OZONE PARK, NY 11416
 365 Higher

SPILLS:
 Spill Number: 9609441 Region of Spill: 2
 Facility Contact: JAMES SKELCY Facility Tele: (914) 534-2202
 Investigator: TRIBE SWIS: 63
 Caller Name: JAMES SKELCY Caller Agency: ENVIRONMENTAL TECH
 Caller Phone: (914) 534-2202 Caller Extension: Not reported
 Notifier Name: JAMES SKELCY Notifier Agency: ENVIRONMENTAL TECH
 Notifier Phone: (914) 534-2202 Notifier Extension: Not reported
 Spiller Contact: JAMES SKELCY Spiller Phone: (914) 534-2202
 Spiller: JAMES SKELCY
 Spiller Address: 101-32 101ST ST

MAP FINDINGS

OZONE INDUSTRIES, INC (Continued) U001839632

OZONE PARK
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response: Waiting Responsible Party. Corrective action taken.
 Spill Closed On: Not reported
 Spill Cause: Other
 Water Affected: Not reported
 Spill Number: Other
 Spill Date: 04/18/1998 12:00
 Cleanup Ceased: Not reported
 Last Inspection: Not reported
 Cleanup Meets Standard: False
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: Not reported
 Spill Recount Last Update: 11/02/1998
 Is Updated: False
 Corrective Action Plan Submitted: Not reported
 Date Spill Entered in Computer Data File: 10/28/1998
 Data Region Served: Gateway to Central Office: Not reported
 Remark: DURING PHASE I INVESTIGATION DISCOVERED PROPERTY OWNER REQUESTED THAT TANK BE REMOVED UPON WHICH SOIL CONTAMINATION WAS THEN DISCOVERED-SOIL STORED AND DISPOSED OF AT OFF SITE FACILITY.
 DEC Remarks: Not reported

PBS LIST:
 PBS Number: 2-348155
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: OZONE INDUSTRIES INC
 Emergency Contact: JAMES BARBOLLA, (516) 354-3805
 Total Tanks: 0
 Owner: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 ATTN: JAMES BARBOLLA
 Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
 Capacity (gals): 2500
 Tank Location: UNDERGROUND
 Tank ID: 001
 Product Stored: OTHER
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-In Place
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE

CBS Number: Not reported
 Telephone: (718) 845-5200
 Owner Mark: Second Owner
 Install Date: 12/57
 Tank Type: Steel/Carbon steel
 Pipe Internal: Not reported
 Pipe Type: GALVANIZED STEEL

MAP FINDINGS

OZONE INDUSTRIES, INC (Continued) U001839632

Overfill Prot: Product Level Gauge
 Date Tested: 03/92
 Date Closed: 07/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screens: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: 059949
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lab/Log: Not reported
 Facility Type: MANUFACTURING

PBS Number: 2-348155
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: OZONE INDUSTRIES INC
 Emergency Contact: JAMES BARBOLLA, (516) 354-3805
 Total Tanks: 0
 Owner: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 ATTN: JAMES BARBOLLA
 Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
 Capacity (gals): 2500
 Tank Location: UNDERGROUND
 Tank ID: 002
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed Before April 1, 1991
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE

Overfill Prot: Product Level Gauge
 Date Tested: Not reported
 Date Closed: 00/00
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screens: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: TANK AUDITOR
 Updated: False
 Owner Screen: No data missing
 Renewal Date: 01/21/93
 Federal ID: Not reported
 Facility Screen: No data missing
 Inspection Date: 04/16/93
 Inspector: Not reported

CBS Number: Not reported
 Telephone: (718) 845-5200
 Owner Mark: Second Owner
 Install Date: 12/57
 Tank Type: Steel/Carbon steel
 Pipe Internal: Not reported
 Pipe Type: GALVANIZED STEEL

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: No data missing
 Renewal Date: 01/21/93
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 04/16/93

MAP FINDINGS

OZONE INDUSTRIES, INC (Continued) U001839632

Old PBS Number: 069949
 Inspection Date: Not reported
 Inspection Result: Not reported
 Lab/Log: Not reported
 Facility Type: MANUFACTURING

PBS Number: 2-348155
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: OZONE INDUSTRIES INC
 Emergency Contact: JAMES BARBOLLA, (516) 354-3805
 Total Tanks: 0
 Owner: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 ATTN: JAMES BARBOLLA
 Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
 Capacity (gals): 2500
 Tank Location: UNDERGROUND
 Tank ID: 003
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed Before April 1, 1991
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE

Overfill Prot: Product Level Gauge
 Date Tested: 11/87
 Date Closed: 00/00
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screens: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: 059949
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lab/Log: Not reported
 Facility Type: MANUFACTURING

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: TANK AUDITOR
 Updated: False
 Owner Screen: No data missing
 Renewal Date: 01/21/93
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 04/16/93
 Expiration Date: 04/16/98
 Inspector: Not reported

CBS Number: Not reported
 Telephone: (718) 845-5200
 Owner Mark: Second Owner
 Install Date: 12/57
 Tank Type: Steel/Carbon steel
 Pipe Internal: Not reported
 Pipe Type: GALVANIZED STEEL

MAP FINDINGS

OZONE INDUSTRIES, INC (Continued) U001839632

Emergency Contact: JAMES BARBOLLA, (516) 354-3805
 Total Tanks: 0
 Owner: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 ATTN: JAMES BARBOLLA
 Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
 Capacity (gals): 2500
 Tank Location: UNDERGROUND
 Tank ID: 005
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed Before April 1, 1991
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE

Overfill Prot: Product Level Gauge
 Date Tested: Not reported
 Date Closed: 00/00
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screens: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: 059949
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lab/Log: Not reported
 Facility Type: MANUFACTURING

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: No data missing
 Renewal Date: 01/21/93
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 04/16/93
 Expiration Date: 04/16/98
 Inspector: Not reported

CBS Number: Not reported
 Telephone: (718) 845-5200
 Owner Mark: Second Owner
 Install Date: 12/57
 Tank Type: Steel/Carbon steel
 Pipe Internal: Not reported
 Pipe Type: GALVANIZED STEEL

MAP FINDINGS

OZONE INDUSTRIES, INC (Continued) U001839532

OZONE PARK, NY 11416
 (718) 845-5200
 ATTN: JAMES BARBOLLA
 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Support 360-14.

Capacity (gals): 1080
 Tank Location: UNDERGROUND
 Tank ID: 006
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed Before April 1, 1991
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Product Level Gauge
 Date Tested: Not reported
 Date Closed: 00/00
 Deleted: False
 Dead Letter: False
 FAMT: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: 069949
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lab/Tag: Not reported
 Facility Type: MANUFACTURING

PBS Number: 2-348155
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: OZONE INDUSTRIES INC
 Emergency Contact: JAMES BARBOLLA, (516) 354-3805
 Total Tanks: 0
 Owner: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200

Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Support 360-14.

Capacity (gals): 1080
 Tank Location: UNDERGROUND
 Tank ID: 007
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported

Install Date: 12/30
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: GALVANIZED STEEL

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: No data missing
 Renewal Date: 01/21/93
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 04/16/93
 Expiration Date: 04/19/98
 Inspector: Not reported

CBS Number: Not reported
 Telephone: (718) 845-5200
 Owner Mark: Second Owner

MAP FINDINGS

OZONE INDUSTRIES, INC (Continued) U001839532

Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed Before April 1, 1991
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 00/00
 Deleted: False
 Dead Letter: False
 FAMT: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: 069949
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lab/Tag: Not reported
 Facility Type: MANUFACTURING

PBS Number: 2-348155
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: OZONE INDUSTRIES INC
 Emergency Contact: JAMES BARBOLLA, (516) 354-3805
 Total Tanks: 0
 Owner: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Support 360-14.

Capacity (gals): 1080
 Tank Location: UNDERGROUND
 Tank ID: 008
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed Before April 1, 1991
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 00/00

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported

CBS Number: Not reported
 Telephone: (718) 845-5200
 Owner Mark: Second Owner

MAP FINDINGS

OZONE INDUSTRIES, INC (Continued) U001839532

Deleted: False
 Dead Letter: False
 FAMT: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: 069949
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lab/Tag: Not reported
 Facility Type: MANUFACTURING

PBS Number: 2-348155
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: OZONE INDUSTRIES INC
 Emergency Contact: JAMES BARBOLLA, (516) 354-3805
 Total Tanks: 0
 Owner: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200
 Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200

Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: OZONE INDUSTRIES INC
 101-32 101ST STREET
 OZONE PARK, NY 11416
 (718) 845-5200

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Support 360-14.

Capacity (gals): 1080
 Tank Location: UNDERGROUND
 Tank ID: 009
 Product Stored: OTHER
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed Before April 1, 1991
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Product Level Gauge
 Date Tested: Not reported
 Date Closed: 00/00
 Deleted: False
 Dead Letter: False
 FAMT: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: 069949
 Inspected Date: Not reported
 Inspection Result: Not reported

Install Date: 12/67
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: GALVANIZED STEEL

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: No data missing
 Renewal Date: 01/21/93
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 04/16/93
 Expiration Date: 04/19/98
 Inspector: Not reported

MAP FINDINGS

OZONE INDUSTRIES, INC (Continued) U001839532

Lab/Tag: Not reported
 Facility Type: MANUFACTURING

B6
 NE
 < 1/8
 609
 Higher

103-12 101ST AVE./ST. MAR
 103-12 101ST AVE.
 NEW YORK CITY, NY

Region of Spill: 2
 Facility Tele: Not reported
 SWIS: 63
 Caller Agency: Not reported
 Caller Extension: Not reported
 Notifier Name: Not reported
 Notifier Phone: Not reported
 Spiller Contact: Not reported
 Spiller: ST. MARY GATE OF HEAVEN
 Spiller Address: 103-12 101ST AVE.
 OZONE PARK, NY
 Spill Class: Knows release with minimal potential for fire or hazard: DEC Response.
 Writing Responsible Party: Corrective action taken.
 Spill Closed Dt: 03/17/93
 Spill Cause: Tank Test Failure
 Water Abstracted: Not reported
 Spill Number: Tank Tester
 Spill Date: 10/20/87 16:30
 Cleanup Ceased: 03/17/93
 Last Inspection: / /
 Cleanup Meets Standard: False
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: / /
 Enforcement Date: / /
 Investigation Complete: / /
 UST Involvement: False
 Spill Record Last Update: 02/15/94
 Is Updated: / /
 Corrective Action Plan Submitted: / /
 Date Spill Entered in Computer Data File: 10/22/87
 Date Region Sent Summary to Central Office: / /
 DEC Remark: 02/15/93: CONTENZA TOOK TANK OUT OF SERVICE ON 8/19/86.
 Spill Cause: 2K TANK FAILED TEST WITH A LEAK RATE OF 142 GHR. WILL EXCAVATE, ISO LATE, AND RESET.

B7
 NE
 < 1/8
 609
 Higher

THE MERRY GATES OF HEAVEN
 103-12 101ST AVENUE
 NEW YORK CITY, NY

Region of Spill: 2
 Facility Tele: Not reported
 SWIS: 63
 Caller Agency: HAZCO
 Caller Extension: Not reported
 Notifier Name: Not reported

MAP FINDINGS

THE MERRY GATES OF HEAVEN (Continued) S10559977

Notifier Phone: Not reported
 Spiller Contact: Not reported
 Spiller: THE MERRY GATES OF HEAVEN
 Spiller Address: 103-12 101ST AVENUE OZONE PARK, NY
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Wiping Responsible Party. Corrective action taken.
 Spill Closed Dt: 03/17/93
 Spill Cause: Tank Test Failure Resource Affected: Groundwater
 Water Affected: Not reported Spill Source: Other Non Commercial/Industrial
 Spill Notifier: Tank Tester PBS Number: Not reported
 Spill Date: 09/01/88 10:30 Reported to Dept: 09/01/88 21:02
 Cleanup Ceased: 03/17/93
 Last Inspection: / /
 Cleanup Meets Standard: False
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: / /
 Enforcement Date: / /
 Investigation Complete: / /
 UST Involvement: False
 Spill Record Last Update: 02/15/94
 Is Updated: False
 Corrective Action Plan Submitted: / /
 Date Spill Entered in Computer Data File: 09/02/88
 Date Region Sent Summary to Central Office: / /
 DEC Remarks: 03/17/93 CONTENZA TOOK TANK OUT OF SERVICE 8/19/88.
 Spill Cause: SYSTEMS TEST, VISIBLE LEAK, BROKEN GASKET ON THE MAIN WAY, WILL REPAIR GA SKET AND RE-TEST.

CS ESE 103-10 103RD ST 10310 103RD ST OZONE PARK, NY 19-1/4 696 Higher LUST S101341231 N/A

LUST:
 Spill Number: 9412058 Region of Spill: 2
 Facility Contact: Not reported Facility Tele: Not reported
 Investigator: YOMASELLO SWIS: 63
 Caller Name: JOON TANG Caller Agency: NYS DEC
 Caller Phone: (718) 482-4933 Caller Extension: Not reported
 Notifier Name: Not reported Notifier Agency: Not reported
 Notifier Phone: Not reported Notifier Extension: Not reported
 Spiller Contact: Not reported Spiller Phone: Not reported
 Spiller: EPIPHANY MARTHOMA CHURCH
 Spiller Address: Not reported
 Spill Class: Known release that creates potential for fire or hazard. DEC Response. Wiping Responsible Party. Corrective action taken.
 Spill Closed Dt: / /
 Spill Cause: Tank Failure Resource Affected: On Land
 Water Affected: Not reported Spill Source: Other Non Commercial/Industrial
 Spill Notifier: Citizen PBS Number: Not reported
 Spill Date: 12/07/94 12:00 Reported to Dept: 12/06/94 11:20
 Cleanup Ceased: / /
 Last Inspection: / /
 Cleanup Meets Standard: False
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: / /
 Enforcement Date: / /

MAP FINDINGS

103-10 103RD ST (Continued) S101341231

Investigation Complete: / /
 UST Involvement: False
 Spill Record Last Update: 07/05/95
 Is Updated: False
 Corrective Action Plan Submitted: / /
 Date Spill Entered in Computer Data File: 01/25/95
 Date Region Sent Summary to Central Office: / /
 DEC Remarks: Not reported
 Spill Cause: CONTRACTOR CLOSING OUT PUMPED IT AND SPILLED A LOT OF OIL IN DIRT, AND THEY COVERED THE SPILL WITH DIRT-TANK IS STILL IN THE GROUND, 1000 G I.S. TANK

CS 103RD ST & 103RD AVE/GUNS 103RD ST / 103RD AVE NEW YORK CITY, NY 19-1/4 694 Higher LUST S102671479 N/A

LUST:
 Spill Number: 8910300 Region of Spill: 2
 Facility Contact: Not reported Facility Tele: Not reported
 Investigator: SIGONA SWIS: 63
 Caller Name: JOHN MARISSCALOO Caller Agency: CITY UTILITIES
 Caller Phone: (718) 846-3636 Caller Extension: Not reported
 Notifier Name: Not reported Notifier Agency: Not reported
 Notifier Phone: Not reported Notifier Extension: Not reported
 Spiller Contact: Not reported
 Spiller: CITY UTILITIES
 Spiller Address: 123-06 111 AVENUE RICHMOND HILL, NY
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Wiping Responsible Party. Corrective action taken.
 Spill Closed Dt: 12/08/92
 Spill Cause: Tank Overflow Resource Affected: On Land
 Water Affected: Not reported Spill Source: Other Commercial/Industrial
 Spill Notifier: Responsible Party PBS Number: Not reported
 Spill Date: 07/26/90 15:50 Reported to Dept: 01/16/90 17:30
 Cleanup Ceased: 12/08/92
 Last Inspection: / /
 Cleanup Meets Standard: True
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: / /
 Enforcement Date: / /
 Investigation Complete: / /
 UST Involvement: False
 Spill Record Last Update: 12/10/92
 Is Updated: False
 Corrective Action Plan Submitted: / /
 Date Spill Entered in Computer Data File: 01/31/90
 Date Region Sent Summary to Central Office: / /
 DEC Remarks: Not reported
 Spill Cause: 1060 GALLON TANK OVERFILLED, SPEEDY DRY APPLIED, DISPOSED OF PROPERLY.

10 South PUBLIC SCHOOL #65 10322 98TH ST OZONE PARK, NY 19-1/4 727 Higher NY Spills S102663560 N/A

MAP FINDINGS

PUBLIC SCHOOL #65 (Continued) S102643569

SPILLS:
 Spill Number: 3706565 Region of Spill: 2
 Facility Contact: Not reported Facility Tele: Not reported
 Investigator: TIBBE SWIS: 63
 Caller Name: ANONYMOUS Caller Agency: Not reported
 Caller Phone: Not reported Caller Extension: Not reported
 Notifier Name: ANONYMOUS Notifier Agency: Not reported
 Notifier Phone: Not reported Notifier Extension: Not reported
 Spiller Contact: Not reported Spiller Phone: Not reported
 Spiller: NYC BOARD OF EDUCATION
 Spiller Address: Not reported
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Wiping Responsible Party. Corrective action taken.
 Spill Closed Dt: Not reported
 Spill Cause: Unknown Resource Affected: On Land
 Water Affected: Not reported Spill Source: Unknown
 Spill Notifier: Citizen PBS Number: Not reported
 Spill Date: 09/02/97 11:02 Reported to Dept: 09/02/97 11:02
 Cleanup Ceased: Not reported
 Last Inspection: Not reported
 Cleanup Meets Standard: False
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: 09/03/1997
 Is Updated: False
 Corrective Action Plan Submitted: Not reported
 Date Spill Entered in Computer Data File: 09/02/1997
 Date Region Sent Summary to Central Office: Not reported
 Remark: THIS SCHOOL IS BUILT OVER AN OLD AIRCRAFT PARTS WAREHOUSE AND THERE IS SOME TYPE OF A LIQUID SUBSTANCE IN AN ACCESS DOOR IN THE FLOOR OF THE GYM. THERE IS ALSO SOME TYPE OF A NOXIOUS ODOR IN THE SCHOOL - CALLER BELIEVES IT IS SOME TYPE OF A HAZARD
 DEC Remarks: Not reported

11 SSE MAIN LINE AUTO COLLISION INC 103-32 101ST ST OZONE PARK, NY 11417 19-1/4 761 Higher RCRIS-SQG 1000551699 NYD989951044

RCRIS:
 Owner: JOSEPH DUZAK (212) 555-1212
 Contact: JOSEPH DUZAK (718) 648-8010
 Record Date: 04/29/1991
 Classification: Small Quantity Generator

MAP FINDINGS

MAIN LINE AUTO COLLISION INC (Continued) 1000552699

Used Oil Recy: No
 Violation Status: No violations found

12 SSW YOGUES MFG CO INC 103-11 98TH ST OZONE PARK, NY 11417 19-1/4 765 Higher RCRIS-SQG 1000424687 NYD00121826

RCRIS:
 Owner: RADAR ASSOCIATES INC & FRED VOGES (212) 555-1212
 Contact: ROBERT VOGES (718) 843-7100
 Record Date: 06/26/1990
 Classification: Not reported
 Used Oil Recy: No
 Violation Status: No violations found

D13 (GARAGE) O. Z. QUIC OIL CHANGE & LUBE 9733 100TH ST OZONE PARK, NY 11416 19-1/4 879 Higher LUST U002065913 N/A

PBS LUST:
 PBS Number: 2-802623 CBS Number: Not reported
 SPDES Number: Not reported
 SWIS ID: 6301 Telephone: (718) 641-2184
 Operator: NICK CUTRONE
 Emergency Contact: CAROLYN CUTRONE, (516) 794-0878
 Total Tanks: 0
 Owner: N. C. REALTY HOLDING LTD. 2468 DEVON STREET EAST MEADOW, NY 11554 (516) 794-0878
 Owner Type: Corporate/Commercial Owner Mark: First Owner
 Owner Subtype: Not reported
 Mailing Address: N. C. REALTY HOLDING LTD. 2468 DEVON STREET EAST MEADOW, NY 11554 (516) 794-0878
 Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14, 550
 Capacity (gals.): UNDERGROUND, VAULTED, WITH ACCESS
 Tank ID: 001 Install Date: 00/00
 Product Stored: USED OIL Tank Type: Steel/carbon steel
 Tank Internal: NONE Pipe Material: NONE
 Pipe Location: Underground Pipe Type: GALVANIZED STEEL
 Tank External: NONE/PAINTED/ASPHALT COATING
 Tank Status: Tank Converted To Non-Regulated Use

(GARAGE) O. Z. QUIZ OIL CHANGE & LUBE (Continued) U00055913

Tank Error Status: No Missing Data
 Pipe External: NONE/PAINTED/ASPHALT COATING
 Second Containment: NONE/NONE
 Leak Detection: NONE/N-TANK SYSTEM
 Overfill Prot: High Level Alarm
 Date Tested: 06/30
 Date Closed: 07/05
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/Long: Not reported
 Facility Type: OTHER

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: No data missing
 Renewal Date: / /
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 02/23/98
 Expiration Date: 02/15/01
 Inspector: Not reported

97-05 103 AVE (Continued) U000401825

Mailing Address: 97-05 103 AVENUE BASEMENT APT.
 97-05 103 AVENUE
 OZONE PARK, NY 11417
 (718) 641-0523
 ATTN: SUPER FACILITY MANAGER

Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Capacity (gals): 2500
 Tank Location: UNDERGROUND
 Tank ID: 001
 Product Stored: NOS 1, 2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: In Service
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: VAULT
 Leak Detection: NONE
 Overfill Prot: Product Level Gauge
 Date Tested: 04/56
 Date Closed: Not reported
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 2500
 Tank Screen: Minor data missing
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/Long: Not reported
 Facility Type: APARTMENT BUILDING

Install Date: 06/00
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: STEEL/IRON
 Next Test Date: 04/03
 Test Method: HORNER
 Updated: True
 Owner Screen: Minor data missing
 Renewal Date: 06/16/97
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 05/08/98
 Expiration Date: 07/20/02
 Inspector: Not reported

D14 SAL & SON INC RCRIS-SQG 1000188176
 NW 97-21 191ST ST NY092272356
 1/8-1/4 OZONE PARK, NY 11418
 888 Higher

RCRIS:
 Owner: SAL LEO (212) 355-1212
 Contact: SAL LEO (718) 845-8546
 Record Date: 09/16/1989
 Classification: Small Quantity Generator
 Used Oil Recy: No
 Violation Status: No violations found

D16 JACMOR TRANSPORTATION INC AST U0003074322
 NW 9726 89TH ST UST
 1/8-1/4 OZONE PARK, NY 11420
 916 Higher

97-08 103 AVE UST U000491825
 SW 97-25 103 AVE N/A
 1/8-1/4 OZONE PARK, NY 11417
 899 Higher

PBS LIST:
 PBS Number: 2-083275
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: JACMOR TRANSPORTATION INC
 Emergency Contact: FRANK BLACKSTONE, (718) 843-0095
 Total Tanks: 0
 Owner: JACMOR TRANSPORTATION INC
 111-08 JAMAICA AVENUE
 RICHMOND HILL, NY 11418
 (718) 847-4200
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: JACMOR TRANSPORTATION INC
 111-08 JAMAICA AVENUE
 RICHMOND HILL, NY 11418
 (718) 847-4200
 Not Reported

CBS Number: Not reported
 Telephone: (718) 641-0523
 Owner Mark: First Owner

PBS LIST:
 PBS Number: 2-083275
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: JACMOR TRANSPORTATION INC
 Emergency Contact: FRANK BLACKSTONE, (718) 843-0095
 Total Tanks: 0
 Owner: JACMOR TRANSPORTATION INC
 111-08 JAMAICA AVENUE
 RICHMOND HILL, NY 11418
 (718) 847-4200
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: JACMOR TRANSPORTATION INC
 111-08 JAMAICA AVENUE
 RICHMOND HILL, NY 11418
 (718) 847-4200
 Not Reported

CBS Number: Not reported
 Telephone: (718) 645-9849
 Owner Mark: First Owner

JACMOR TRANSPORTATION INC (Continued) U0003074322

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 001
 Product Stored: UNLEADED GASOLINE
 Tank Internal: NONE
 Pipe Location: Underground
 Tank External: NONE/NONE
 Tank Status: Closed-Removed
 Tank Error Status: No Missing Data
 Pipe External: NONE/NONE
 Second Containment: NONE/NONE
 Leak Detection: NONE/NONE
 Overfill Prot: None
 Date Tested: Not reported
 Date Closed: 10/97
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/Long: Not reported
 Facility Type: TRUCKING/TRANSPORTATION

Dispenser: Suction
 Next Test Date: N.T.R.
 Test Method: Not reported
 Updated: False
 Owner Screen: No data missing
 Renewal Date: 12/11/96
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 02/28/97
 Expiration Date: 03/24/02
 Inspector: Not reported

PBS Number: 2-083275
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: JACMOR TRANSPORTATION INC
 Emergency Contact: FRANK BLACKSTONE, (718) 843-0095
 Total Tanks: 0
 Owner: JACMOR TRANSPORTATION INC
 111-08 JAMAICA AVENUE
 RICHMOND HILL, NY 11418
 (718) 847-4200
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: JACMOR TRANSPORTATION INC
 111-08 JAMAICA AVENUE
 RICHMOND HILL, NY 11418
 (718) 847-4200

Owner Mark: First Owner

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 002
 Product Stored: UNLEADED GASOLINE
 Tank Internal: NONE
 Pipe Location: Underground
 Tank External: NONE/NONE
 Tank Status: Closed-Removed

Install Date: 06/00
 Tank Type: Steel/carbon steel
 Pipe Internal: NONE
 Pipe Type: STEEL/IRON

JACMOR TRANSPORTATION INC (Continued) U0003074322

Tank Error Status: No Missing Data
 Pipe External: NONE/NONE
 Second Containment: NONE/NONE
 Leak Detection: NONE/NONE
 Overfill Prot: None
 Date Tested: Not reported
 Date Closed: 10/97
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/Long: Not reported
 Facility Type: TRUCKING/TRANSPORTATION

Dispenser: Suction
 Next Test Date: N.T.R.
 Test Method: Not reported
 Updated: False
 Owner Screen: No data missing
 Renewal Date: 12/11/96
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 02/28/97
 Expiration Date: 03/24/02
 Inspector: Not reported

PBS LIST:
 PBS Number: 2-083275
 SPDES Number: Not reported
 SWIS Code: 6301
 Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
 Facility Type: TRUCKING/TRANSPORTATION
 Owner Type: Corporate/Commercial
 Owner Sub Type: Not reported
 Owner: JACMOR TRANSPORTATION INC
 111-08 JAMAICA AVENUE
 RICHMOND HILL, NY 11418
 (718) 847-4200
 Owner Phone: (718) 845-9849
 Operator: JACMOR TRANSPORTATION INC
 Emergency Name: FRANK BLACKSTONE
 Emergency Phone: (718) 843-0095
 Total Tanks: 0
 Tank ID: 003
 Tank Converted To Non-Regulated Use
 Capacity (gals): 275
 Tank Error Status: Minor data missing
 Tank Location: ABOVEGROUND
 Product Stored: NOS 1, 2, OR 4 FUEL OIL
 Tank Type: Steel/carbon steel
 Tank Internal: Not reported
 Tank External: Not reported
 Tank Status: Not reported
 Second Containment: NONE
 Pipe Type: STEEL/IRON
 Pipe Location: Not reported
 Pipe Internal: Not reported
 Pipe External: Not reported
 Leak Detection: NONE
 Overfill Protection: Product Level Gauge
 Dispenser Method: Suction
 Date Tested: Not reported
 Next Test Date: Not reported

JACMOR TRANSPORTATION INC. (Continued) U093074322

Date Closed: 08/96
 Updated: False
 Date Inspected: Not reported
 Result of Inspection: Not reported
 Mailing Name: JACMOR TRANSPORTATION INC
 Mailing Address: 111-09 JAMAICA AVENUE RICHMOND HILL, NY 11418
 Mailing Contact: Not reported
 Mailing Telephone: (718) 847-4200
 Owner Mark: First Owner
 Certification Flag: False
 Renewal Flag: False
 Lat/Long: Not reported
 Dead Letter: False
 Facility Screen: No data missing
 Owner Screen: No data missing
 Tank Screen: 0
 Fiscal Amount for Registration Fee is Correct: True

Test Method: Not reported
 Deleted: False
 Inspector: Not reported
 Expiration Date: 03/24/02
 Certification Date: 02/29/97
 Renew Date: 12/1/96

D17 NNW 10-118 918 Higher

SUPERSTAR AUTO COLLISION & REP RCRIS-SDG 100052679 NYD98950800
 97-07 100TH ST OZONE PARK, NY 11416

RCRIS:
 Owner: MICHAEL CASILLO (212) 555-1212
 Contact: MICHAEL CASILLO (718) 848-9457
 Record Date: 04/25/1991
 Classification: Small Quantity Generator
 Used Oil Recyc: No
 Violation Status: No violations found

E18 South 10-114 921 Higher

THE VOGES MFG. COMPANY INC. UST U00306808 N/A
 10311 98TH ST OZONE PARK, NY 11417

PBS UST:
 PBS Number: 2-082090
 SPDES Number: Not reported
 SWS ID: 6301
 Operator: ROBERT VOGES
 Emergency Contact: ROBERT VOGES, (718) 843-7100
 Total Tanks: 0
 Owner: THE VOGES MFG. COMPANY INC. 103-11 98TH STREET OZONE PARK, NY 11417 (718) 843-7100
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: THE VOGES MFG. COMPANY INC

Owner Mark: First Owner
 Telephone: (718) 843-7100

THE VOGES MFG. COMPANY INC. (Continued) U00306808

103-11 98TH STREET OZONE PARK, NY 11417 (718) 843-7100
 ATTN: ROBERT VOGES
 Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
 Capacity (gals): 3000
 Tank Location: UNDERGROUND
 Tank ID: 098
 Product Stored: NIOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-in Place
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Product Level Gauge
 Date Tested: 11/91
 Date Closed: 02/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/Long: Not reported
 Facility Type: MANUFACTURING

Install Date: 12/48
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: STEEL/IRON
 Dispenser: Suction
 Next Test Date: N.T.A
 Test Method: HORNER
 Updated: False
 Owner Screen: No data missing

Renewal Date: 01/23/92
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 05/28/93
 Expiration Date: 03/24/97
 Inspector: Not reported

FBS Number: 2-082090
SPDES Number: Not reported
SWS ID: 6301
Operator: ROBERT VOGES
Emergency Contact: ROBERT VOGES, (718) 843-7100
Total Tanks: 0
Owner: THE VOGES MFG. COMPANY INC. 103-11 98TH STREET OZONE PARK, NY 11417 (718) 843-7100
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Address: THE VOGES MFG. COMPANY INC. 103-11 98TH STREET OZONE PARK, NY 11417 (718) 843-7100
ATTN: ROBERT VOGES
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Capacity (gals): 1500
Tank Location: UNDERGROUND
Tank ID: 099
Product Stored: NIOS 1,2, OR 4 FUEL OIL

CBS Number: Not reported
 Telephone: (718) 843-7100

Owner Mark: First Owner
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Address: THE VOGES MFG. COMPANY INC. 103-11 98TH STREET OZONE PARK, NY 11417 (718) 843-7100
ATTN: ROBERT VOGES
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Capacity (gals): 1500
Tank Location: UNDERGROUND
Tank ID: 099
Product Stored: NIOS 1,2, OR 4 FUEL OIL

Install Date: 12/48
 Tank Type: Steel/carbon steel

THE VOGES MFG. COMPANY INC. (Continued) U00306808

Pipe Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-in Place
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Product Level Gauge
 Date Tested: 11/91
 Date Closed: 02/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/Long: Not reported
 Facility Type: MANUFACTURING

Pipe Internal: Not reported
 Pipe Type: STEEL/IRON
 Dispenser: Suction
 Next Test Date: Not reported
 Test Method: HORNER
 Updated: False
 Owner Screen: No data missing
 Renewal Date: 01/23/92
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 05/28/93
 Expiration Date: 03/24/97
 Inspector: Not reported

F19 SSE 10-114 937 Higher

NYC POLICE PRECT. 106 LUST S103478934 N/A
 10363 101ST ST OZONE PARK, NY

UST:
 Spill Number: 9805028
 Facility Contact: Not reported
 Investigator: KOLLEENY
 Caller Name: MARK STREAHLE
 Caller Phone: (212) 714-2140
 Notifier Name: MARK STREAHLE
 Notifier Phone: (212) 714-2140
 Spiller Contact: Not reported
 Spiller Address: COASTAL OIL OF NY INC
 Spiller Address: Not reported
 Spill Class: Not reported
 Spill Closed On: //
 Spill Cause: Tank Overfill
 Water Affected: Not reported
 Spill Notifier: Affected Persons
 Spill Date: 07/22/98 13:30
 Cleanup Ceased: //
 Last Inspection: //
 Cleanup Meets Standard: False
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: //
 Enforcement Date: //
 Investigation Complete: //
 UST Involvement: False
 Spill Record Last Update: 09/01/98
 Is Updated: False
 Corrective Action Plan Submitted: //
 Date Spill Entered in Computer Data File: 07/22/98

Region of Spill: 2
 Facility Type: Not reported
 SWS: 63
 Caller Agency: PROMATECH
 Caller Extension: Not reported
 Notifier Agency: PROMATECH
 Notifier Extension: Not reported
 Spiller Phone: (800) 247-5232

Resource Affected: On Land
 Spill Source: Other Non Commercial/Industrial
 FBS Number: 2-217557
 Reported to Dept: 07/22/98 15:02

NYC POLICE PRECT. 106 (Continued) S103478934

Date Region Sent Summary to Control Office: //
 DEC Remarks: MARK STREAHLE OF PROMATECH REPORTS THAT 100 TONS OF CONTAMINATED SOIL WERE EXCAVATED AND REMOVED. THREE END-POINT SAMPLES WERE COLLECTED AND ANALYZED FOR STARS VOCS A SEMI VOCS LAB RESULTS FELL BELOW DETECTION LIMITS. JK INSTRUCTED PROMATECH TO PERFORM TEMPORARY CLOSURE BY PUMPING OUT TAN K AND CAPPING ALL LINES. Work being done to install a hand cap (any contaminated soil encountered callier will contact region office to speak to a rep. Appears to be from tank overfills or spillage during tank fills.

20 North 10-114 936 Higher

RELIABLE A & G FUELS UST U003206551 N/A
 101-10-08 97TH AVE OZONE PARK, NY 11416

PBS UST:
 PBS Number: 2-603071
 SPDES Number: Not reported
 SWS ID: 6301
 Operator: RELIABLE A & G FUELS
 Emergency Contact: RELIABLE A & G FUELS, (718) 845-6500
 Total Tanks: 0
 Owner: VITO SANTORO 1110 LINDEN STREET VALLEY STREAM, NY 11580 (516) 825-1822
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: RELIABLE A & G FUELS 95-40 102ND STREET OZONE PARK, NY 11416 (718) 845-6500
ATTN: RICHARD SANTORO
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Capacity (gals): 1500
Tank Location: UNDERGROUND
Tank ID: 01
Product Stored: UNLEADED GASOLINE
Tank Internal: NONE
Pipe Location: Underground
Tank External: NONE/PAINTED/ASPHALT COATING
Tank Status: Closed-in Place
Tank Error Status: NONE/NONE
Pipe External: NONE/NONE
Second Containment: NONE/NONE
Leak Detection: NONE/NONE
Overfill Prot: High Level Alarm
Date Tested: Not reported
Date Closed: 00/00
Deleted: False
Dead Letter: False
FAMI: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: 0
Renewal Flag: Renewal has not been printed
Certification Flag: False
Old PBS Number: Not reported

CBS Number: Not reported
 Telephone: (718) 845-0500

Install Date: 00/00
 Tank Type: Steel/carbon steel
 Pipe Internal: NONE
 Pipe Type: GALVANIZED STEEL
 Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: True
 Owner Screen: No data missing

Renewal Date: //
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: //
 Expiration Date: 07/18/02

MAP FINDINGS

RELIABLE A & G FUELS (Continued) U003200551

Inspected Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: OTHER

PBS Number: 2-60071
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: RELIABLE A & G FUELS
 Emergency Contact: RELIABLE A & G FUELS, (718) 845-0500
 Total Tanks: 0
 Owner: VITO SANTORO
 1110 LINDEN STREET
 VALLEY STREAM, NY 11580
 (516) 925-1822
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: RELIABLE A & G FUELS
 95-40 102ND STREET
 OZONE PARK, NY 11416
 (718) 845-0500

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 560
 Tank Location: UNDERGROUND
 Tank ID: G3
 Product Stored: UNLEADED GASOLINE
 Tank Internal: NONE
 Pipe Location: Underground
 Tank External: NONE/PAINTED/ASPHALT COATING
 Tank Status: Closed-In Place
 Tank Error Status: No Missing Data
 Pipe External: NONE/NONE
 Second Containment: NONE/NONE
 Leak Detection: NONE/NONE
 Overfill Prot: None
 Date Tested: Not reported
 Date Closed: 00/00
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Date: Not reported
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: OTHER

PBS Number: 2-603071
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: RELIABLE A & G FUELS
 Emergency Contact: RELIABLE A & G FUELS, (718) 845-0500

MAP FINDINGS

RELIABLE A & G FUELS (Continued) U003200551

Total Tanks: 0
 Owner: VITO SANTORO
 1110 LINDEN STREET
 VALLEY STREAM, NY 11580
 (516) 925-1822
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: RELIABLE A & G FUELS
 95-40 102ND STREET
 OZONE PARK, NY 11416
 (718) 845-0500
 ATTN: RICHARD SANTORO

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 4200
 Tank Location: UNDERGROUND
 Tank ID: G3
 Product Stored: DIESEL
 Tank Internal: NONE
 Pipe Location: Underground
 Tank External: NONE/PAINTED/ASPHALT COATING
 Tank Status: Closed-In Place
 Tank Error Status: No Missing Data
 Pipe External: NONE/NONE
 Second Containment: NONE/NONE
 Leak Detection: NONE/NONE
 Overfill Prot: Product Level Gauge
 Date Tested: Not reported
 Date Closed: 00/00
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: OTHER

PBS Number: 2-603071
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: RELIABLE A & G FUELS
 Emergency Contact: RELIABLE A & G FUELS, (718) 845-0500
 Total Tanks: 0
 Owner: VITO SANTORO
 1110 LINDEN STREET
 VALLEY STREAM, NY 11580
 (516) 925-1822
 Owner Type: Corporate/Commercial
 Owner Subtype: Not reported
 Mailing Address: RELIABLE A & G FUELS
 95-40 102ND STREET
 OZONE PARK, NY 11416

MAP FINDINGS

RELIABLE A & G FUELS (Continued) U003200551

(718) 845-0500
 ATTN: RICHARD SANTORO
 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 1030
 Tank Location: UNDERGROUND
 Tank ID: G4
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: NONE
 Pipe Location: Underground
 Tank External: NONE/PAINTED/ASPHALT COATING
 Tank Status: Tank Converted To Non-Regulated Use
 Tank Error Status: No Missing Data
 Pipe External: NONE/NONE
 Second Containment: NONE/NONE
 Leak Detection: NONE/NONE
 Overfill Prot: Product Level Gauge
 Date Tested: Not reported
 Date Closed: 08/06
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: OTHER

PBS Number: 2-217557
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: N Y C P D
 Emergency Contact: N Y C P D, (212) 374-4933
 Total Tanks: 0
 Owner: N Y C P D ASD
 1 POLICE PLAZA ROOM 800
 NEW YORK, NY 10038
 (212) 374-7650
 Owner Type: Local Government
 Owner Subtype: The City of New York
 Mailing Address: COMMANDING OFFICER
 BUILDING MAINTENANCE SECTION
 59-06 BROOKLYN QUEENS EXP. WAY
 QUEENS, NY 11377
 (718) 478-7576
 Not Reported

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

F21 SSE 103-56 101ST ST QUEENS, NY 11417 Higher

MAP FINDINGS

106 PCT (Continued) U003074605

Capacity (gals): 1100
 Tank Location: UNDERGROUND
 Tank ID: 021
 Product Stored: UNLEADED GASOLINE
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Closed-In Place
 Tank Status: Minor Data Missing
 Tank Error Status: No Missing Data
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Product Level Gauge
 Date Tested: Not reported
 Date Closed: 19/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: Not reported

PBS Number: 2-217557
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: N Y C P D
 Emergency Contact: N Y C P D, (212) 374-4933
 Total Tanks: 0
 Owner: N Y C P D ASD
 1 POLICE PLAZA ROOM 800
 NEW YORK, NY 10038
 (212) 374-7650
 Owner Type: Local Government
 Owner Subtype: The City of New York
 Mailing Address: COMMANDING OFFICER
 BUILDING MAINTENANCE SECTION
 59-06 BROOKLYN QUEENS EXP. WAY
 QUEENS, NY 11377
 (718) 478-7576
 Not Reported

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: G03
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Tank Converted To Non-Regulated Use
 Tank Error Status: Minor Data Missing

Install Date: 10/95
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: GALVANIZED STEEL

Install Date: 06/00
 Tank Type: Steel/carbon steel
 Pipe Internal: NONE
 Pipe Type: GALVANIZED STEEL

Install Date: 08/11/97
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 01/13/94
 Expiration Date: 10/15/97
 Inspector: Not reported

Dispenser: Suction
 Next Test Date: N.T.R
 Test Method: Not reported
 Updated: True
 Owner Screen: No data missing

Renewal Date: 08/11/97
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 01/13/94
 Expiration Date: 10/15/97
 Inspector: Not reported

Telephone: (718) 845-2200

106 PCT (Continued) U003074805

Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Protection: Product Level Gauge
 Date Tested: Not reported
 Date Closed: 08/96
 Deleted: False
 Dead Letter: False
 FMT: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Date: 08/11/97
 Renewal has been printed: Not reported
 Facility Screen: Minor data missing
 Certification Flag: False
 Old PBS Number: Not reported
 Inspection Date: Not reported
 Inspection Result: Not reported
 LufLong: Not reported
 Facility Type: Not reported

PBS AST:
 PBS Number: 2-217557
 SPDES Number: Not reported
 Federal ID: Not reported
 Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
 Facility Type: Not reported
 Owner Type: Local Government
 Owner Sub Type: The City of New York
 Owner: N Y C P D ASD
 1 POLICE PLAZA ROOM 800
 NEW YORK, NY 10038
 Owner Phone: (212) 374-7690
 Facility Phone: (718) 845-2200
 Operator: N Y C P D
 Emergency Name: N Y C P D
 Emergency Phone: (212) 374-4933
 Total Tanks: 0
 Total Capacity: Not reported
 Tank ID: 002
 Tank Status: Closed-Removed
 Capacity (gals): 3000
 Tank Entry Status: Minor data missing
 Tank Location: ABOVEGROUND
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Type: Steel/carbon steel
 Install Date: 07/99
 Tank Internal: Not reported
 Tank External: Not reported
 Tank Containment: NONE
 Pipe Type: STEEL/IRON
 Pipe Location: Not reported
 Pipe Internal: Not reported
 Pipe External: Not reported
 Leak Detection: NONE
 Overall Protection: Product Level Gauge
 Dispenser Method: Suction
 Date Tested: Not reported
 Date Closed: 02/94
 Next Test Date: Not reported
 Test Method: Not reported

106 PCT (Continued) U003074605

Updated: True
 Deleted: False
 Date Inspected: Not reported
 Result of Inspection: COMMANDING OFFICER
 Mailing Name: BUILDING MAINTENANCE SECTION
 Mailing Address: 89-06 BROOKLYN QUEENS EXP. WAY
 QUEENS, NY 11377
 Mailing Contact: Not reported
 Mailing Telephone: (718) 476-7576
 Owner Mark: First Owner
 Certification Flag: False
 Expiration Date: 10/15/97
 Renewal Date: 01/13/94
 Renewal Date: 08/11/97
 LufLong: Not reported
 Dead Letter: False
 Facility Screen: Minor data missing
 Owner Screen: No data missing
 Tank Screen: 0
 Fiscal Amount for Registration Fee is Correct: True

22 99TH ST & 97TH AVE. NY Spills S102142731
99TH ST. / 97TH AVE. N/A
QUEENS, NY
 19-14
 994
 Higher

SPILLS:
 Spill Number: 9200209
 Region of Spill: 2
 Facility Contact: Not reported
 Facility Type: Not reported
 Investigator: SDC/NA
 CWS: 63
 Caller Name: PAA GATTO
 Caller Agency: NYC/PD
 Caller Phone: (212) 374-5580
 Caller Extension: Not reported
 Notifier Name: Not reported
 Notifier Agency: Not reported
 Notifier Phone: Not reported
 Notifier Extension: Not reported
 Spiller Contact: Not reported
 Spiller Name: Not reported
 Spiller Phone: Not reported
 Spiller: UNK
 Spiller Address: Not reported
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Writing Responsible Party: Corrective action taken.
 Spill Closed Dt: 04/06/1992
 Spill Cause: Unknown
 Resource Affected: On Land
 Water Affected: Not reported
 Spill Source: Unknown
 Spill Number: Police Department
 PBS Number: Not reported
 Spill Date: 04/06/1992 20:11
 Reported to Dept: 04/06/1992 20:54
 Cleanup Ceased: 04/06/1992
 Last Inspection: Not reported
 Cleanup Meets Standard: True
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: Not reported
 Is Updated: False
 Corrective Action Plan Submitted: Not reported
 Date Spill Entered in Computer Data File: 04/08/1992
 Date Region Sent Summary to Central Office: Not reported
 Remark: 1 GARBAGE BAG OF MED. WASTE, 3 GALLON CONTAINER FILLED WITH BLOOD. CALL BACK POLICE WHO HAVE NOTIFIED THE SANITATION ENFORCEMENT POLICE. WILL REFER TO OFFICER LOPEZ FOR FOLLOW-UP.

99TH ST & 97TH AVE. (Continued) S102142731

DEC Remarks: 10/10/95: This is additional information about material spilled from the translation of the old spill file, LARGE GARBAGE BAG.

23 REMEDY REMOVAL INC RCRIS-SQG 100025684
103-21 104TH ST NYD98225210
OZONE PARK, NY 11417

RCRIS:
 Owner: THOMAS & LAIRA LOCURTO
 (212) 565-1212
 Contact: THOMAS LOCURTO
 (718) 835-4524
 Record Date: 02/14/1999
 Classification: Hazardous Waste Transporter
 Used Oil Recy: No
 Violation Status: No violations found

103-45 98TH ST (Continued) S10256827

Spiller Address: Not reported
 Spill Class: Known release that creates potential for fire or hazard. DEC Response.
 Writing Responsible Party: Corrective action taken.
 Spill Closed Dt: Not reported
 Spill Cause: Unknown
 Resource Affected: Groundwater
 Water Affected: Not reported
 Spill Source: Other Commercial/Industrial
 Spill Number: Local Agency
 PBS Number: Not reported
 Spill Date: 04/15/1997 12:00
 Reported to Dept: 04/15/1997 14:51
 Cleanup Ceased: Not reported
 Last Inspection: Not reported
 Cleanup Meets Standard: False
 Recommended Penalty: No Penalty
 Spiller Cleanup Date: Not reported
 Enforcement Date: Not reported
 Investigation Complete: Not reported
 UST Involvement: False
 Spill Record Last Update: 04/16/1997
 Is Updated: False
 Corrective Action Plan Submitted: Not reported
 Date Spill Entered in Computer Data File: 04/15/1997
 Date Region Sent Summary to Central Office: Not reported
 Remark: CONTAMINATED SOIL SOME INTO WATER AND LAND-GO HAS TESTING METHOD APPROVED BY DEC - CHRIS THOMASELLO HANDLING IT DEC REP
 DEC Remark: Not reported

E26 QUEENS FARMS DAIRY RCRIS-SQG 100102903
103-45 98TH ST NYR00012351
OZONE PARK, NY 11417

RCRIS:
 Owner: JULES KOTCHER
 (718) 738-7712
 Contact: JULES KOTCHER
 (718) 738-7712
 Record Date: 08/29/1995
 Classification: Small Quantity Generator
 Used Oil Recy: No
 Violation Status: No violations found

E26 QUEENS FARMS DAIRY INC UST U003644422
103-45 98TH ST N/A
OZONE PARK, NY 11417
 19-14
 1000
 Higher

PBS UST:
 PBS Number: 2-114019
 CBS Number: Not reported
 SPDES Number: Not reported
 SWIS ID: 6301
 Telephone: (718) 843-7077
 Operator: QUEENS FARMS
 Emergency Contact: MCFERRIS BOGSEMAN, (718) 376-3852
 Total Tanks: 0
 Owner: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 Owner Type: Not reported
 Owner Subtype: Not reported
 Owner Mark: First Owner
 Mailing Address: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 ATTN: WYAMER SLATER
 Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
 Capacity (gals): 650
 Tank Location: UNDERGROUND
 Tank ID: 001
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Install Date: 0000
 Tank Internal: Not reported
 Tank Type: Steel/carbon steel
 Pipe Location: Not reported
 Pipe Internal: Not reported
 Pipe Type: Not reported
 Tank Status: Closed/Removed

E26 103-45 98TH ST NY Spills S102565577
103-45 98TH ST N/A
SOUTH OZONE PARK, NY
 19-14
 1000
 Higher

SPILLS:
 Spill Number: 9700678
 Region of Spill: 2
 Facility Contact: Not reported
 Facility Type: Not reported
 Investigator: TOMASELLO
 CWS: 61
 Caller Name: SIVE PAGET RIESEL
 Caller Agency: Not reported
 Caller Phone: (212) 421-2150
 Caller Extension: Not reported
 Notifier Name: ANALYTICAL RESULTS
 Notifier Agency: Not reported
 Notifier Phone: Not reported
 Notifier Extension: Not reported
 Spiller Contact: DAVID YUDELSON
 Spiller Name: UNKNOWN
 Spiller Phone: Not reported

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364422

Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overall Prot: Not reported
 Date Tested: Not reported
 Data Closed: 08/05
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renew Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/Long: Not reported
 Facility Type: Not reported

PBS Number: 2-114219
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
 Total Tanks: 0
 Owner: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 002
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overall Prot: Not reported
 Date Tested: Not reported
 Data Closed: 09/05
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: Minor data missing

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364422

Total Capacity: 0
 Tank Screen: 0
 Renew Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspected Date: Not reported
 Inspection Result: Not reported
 Lat/Long: Not reported
 Facility Type: Not reported

PBS Number: 2-114219
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
 Total Tanks: 0
 Owner: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 003
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overall Prot: Not reported
 Date Tested: Not reported
 Data Closed: 09/05
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: Minor data missing

Renewal Date: 12/11/06
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 05/05/92
 Expiration Date: 03/24/97
 Inspector: Not reported

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364422

PBS Number: 2-114219
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
 Total Tanks: 0
 Owner: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 004
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overall Prot: Not reported
 Date Tested: Not reported
 Data Closed: 09/05
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: Minor data missing

Renewal Date: 12/11/06
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 05/05/92
 Expiration Date: 03/24/97
 Inspector: Not reported

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364422

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 005
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overall Prot: Not reported
 Date Tested: Not reported
 Data Closed: 09/05
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: Minor data missing

Renewal Date: 12/11/06
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 05/05/92
 Expiration Date: 03/24/97
 Inspector: Not reported

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364422

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 005
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed/Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 08/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspection Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: Not reported

PBS Number: 2-114219
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
 Total Tanks: 0
 Owner: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 007
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed/Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported

Install Date: 09/00
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: Not reported

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364422

Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 08/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspection Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: Not reported

PBS Number: 2-114219
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
 Total Tanks: 0
 Owner: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 008
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed/Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: NONE
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 08/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0

Install Date: 09/00
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: Not reported

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: Minor data missing
 Renewal Date: 12/1/96
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 03/24/92
 Expiration Date: 03/24/97
 Inspector: Not reported

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364422

Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspection Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: Not reported

PBS Number: 2-114219
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
 Total Tanks: 0
 Owner: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 4000
 Tank Location: UNDERGROUND
 Tank ID: 009
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed/Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: VALU 7
 Leak Detection: NONE
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 08/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspection Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: Not reported

Facility Screen: Minor data missing
 Certification Date: 05/05/92
 Expiration Date: 03/24/97
 Inspector: Not reported

CBS Number: Not reported
 Telephone: (718) 843-7077

Owner Mark: First Owner

Install Date: 12/72
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: STEEL/IRON

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: False
 Owner Screen: Minor data missing
 Renewal Date: 12/1/96
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 05/05/92
 Expiration Date: 03/24/97
 Inspector: Not reported

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364422

SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
 Total Tanks: 0
 Owner: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077
 ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 4000
 Tank Location: UNDERGROUND
 Tank ID: 010
 Product Stored: LEADED GASOLINE
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed/Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: VALU 7
 Leak Detection: NONE
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 08/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has not been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspection Date: Not reported
 Inspection Result: Not reported
 Lifting: Not reported
 Facility Type: Not reported

PBS Number: 2-114219
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
 Total Tanks: 0
 Owner: NINETY EIGHT & LIBERTY CORP
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 843-7077

Owner Type: Not reported
 Owner Subtype: Not reported

Telephone: (718) 843-7077

Owner Mark: First Owner

Renewal Date: 12/1/96
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 05/05/92
 Expiration Date: 03/24/97
 Inspector: Not reported

QUEENS FARMS DAIRY INC (Continued) U003644422

Mailing Address: NINETY EIGHT & LIBERTY CORP
103-45 98TH ST
OZONE PARK, NY 11417
(718) 843-7077
ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14

Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank ID: 011
Product Stored: NIOS 1,2, OR 4 FUEL OIL
Tank Internal: Not reported
Pipe Location: Not reported
Tank External: Not reported
Tank Status: Closed-Removed
Tank Error Status: Minor Data Missing
Pipe External: Not reported
Second Containment: VAULT
Leak Detection: NONE
Overfill Prot: Not reported
Date Tested: Not reported
Date Closed: 08/95
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: 0
Renewal Flag: Not reported
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported

PBS Number: 2-114219
SPDES Number: Not reported
SWIS ID: 6301
Operator: QUEENS FARMS
Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
Total Tanks: 0
Owner: NINETY EIGHT & LIBERTY CORP
103-45 98TH ST
OZONE PARK, NY 11417
(718) 843-7077

Owner Type: Not reported
Owner Subtype: Not reported
Mailing Address: NINETY EIGHT & LIBERTY CORP
103-45 98TH ST
OZONE PARK, NY 11417
(718) 843-7077
ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14

Capacity (gals): 550
Tank Location: UNDERGROUND
Tank ID: 012
Install Date: 60/00

QUEENS FARMS DAIRY INC (Continued) U003644422

Product Stored: UNLEADED GASOLINE
Tank Internal: Not reported
Pipe Location: Not reported
Tank External: Not reported
Tank Status: Closed-Removed
Tank Error Status: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: Not reported
Date Tested: Not reported
Date Closed: 08/95
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: 0
Renewal Flag: Not reported
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported

PBS Number: 2-114219
SPDES Number: Not reported
SWIS ID: 6301
Operator: QUEENS FARMS
Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
Total Tanks: 0
Owner: NINETY EIGHT & LIBERTY CORP
103-45 98TH ST
OZONE PARK, NY 11417
(718) 843-7077

Owner Type: Not reported
Owner Subtype: Not reported
Mailing Address: NINETY EIGHT & LIBERTY CORP
103-45 98TH ST
OZONE PARK, NY 11417
(718) 843-7077
ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14

Capacity (gals): 550
Tank Location: UNDERGROUND
Tank ID: 013
Product Stored: UNLEADED GASOLINE
Tank Internal: Not reported
Pipe Location: Not reported
Tank External: Not reported
Tank Status: Closed-Removed
Tank Error Status: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: NONE
Overfill Prot: Not reported

Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: False
Owner Screen: Minor data missing
Renewal Date: 12/11/96
Federal ID: Not reported
Facility Screen: Minor data missing
Certification Date: 05/05/92
Expiration Date: 03/24/97
Inspector: Not reported

CBS Number: Not reported
Telephone: (718) 843-7077
Owner Mark: First Owner

Dispenser: Suction

QUEENS FARMS DAIRY INC (Continued) U003644422

Date Tested: Not reported
Date Closed: 08/95
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: 0
Renewal Flag: Not reported
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported

PBS Number: 2-114219
SPDES Number: Not reported
SWIS ID: 6301
Operator: QUEENS FARMS
Emergency Contact: MORRIS BOSSMAN, (718) 376-3852
Total Tanks: 0
Owner: NINETY EIGHT & LIBERTY CORP
103-45 98TH ST
OZONE PARK, NY 11417
(718) 843-7077

Owner Type: Not reported
Owner Subtype: Not reported
Mailing Address: NINETY EIGHT & LIBERTY CORP
103-45 98TH ST
OZONE PARK, NY 11417
(718) 843-7077
ATTN: HYMAN SLATER

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14

Capacity (gals): 4000
Tank Location: UNDERGROUND
Tank ID: 014
Product Stored: NIOS 1,2, OR 4 FUEL OIL
Tank Internal: Not reported
Pipe Location: Not reported
Tank External: Not reported
Tank Status: Closed-Removed
Tank Error Status: Minor Data Missing
Pipe External: Not reported
Second Containment: VAULT
Leak Detection: NONE
Overfill Prot: Not reported
Date Tested: Not reported
Date Closed: 08/95
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: 0
Renewal Flag: Not reported
Certification Flag: False
Old PBS Number: Not reported

Next Test Date: Not reported
Test Method: Not reported
Updated: False
Owner Screen: Minor data missing
Renewal Date: 12/11/96
Federal ID: Not reported
Facility Screen: Minor data missing
Certification Date: 05/05/92
Expiration Date: 03/24/97
Inspector: Not reported

CBS Number: Not reported
Telephone: (718) 843-7077
Owner Mark: First Owner

Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: Minor data missing
Renewal Date: 08/12/97
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 08/19/92
Expiration Date: 10/29/97
Inspector: Not reported

QUEENS FARMS DAIRY INC (Continued) U003644422

Inspected Date: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: Not reported

QUEENS FARMS DAIRY INC U003644406
103-45 98TH ST
OZONE PARK, NY 11417
E27 South 1/8-1/4 1000 Higher

PBS LIST:
PBS Number: 2-025273
SPDES Number: Not reported
SWIS ID: 6301
Operator: QUEENS FARMS
Emergency Contact: QUEENS FARMS, (718) 738-7712
Total Tanks: 0
Owner: QUEENS FARMS DAIRY INC
103-45 98TH ST
OZONE PARK, NY 11417
(718) 738-7712

Owner Type: Not reported
Owner Subtype: Not reported
Mailing Address: QUEENS FARMS DAIRY INC
103-45 98TH ST
OZONE PARK, NY 11417
(718) 738-7712

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14

Capacity (gals): 550
Tank Location: UNDERGROUND
Tank ID: 001
Product Stored: LEADED GASOLINE
Tank Internal: Not reported
Pipe Location: Not reported
Tank External: Not reported
Tank Status: Closed-Removed
Tank Error Status: Minor Data Missing
Pipe External: Not reported
Second Containment: NONE
Leak Detection: OTHER
Overfill Prot: Not reported
Date Tested: Not reported
Date Closed: 08/95
Deleted: False
Dead Letter: False
FAMT: Fiscal amount for registration fee is correct
Total Capacity: 0
Tank Screen: 0
Renewal Flag: Not reported
Certification Flag: False
Old PBS Number: Not reported
Inspected Date: Not reported
Inspection Result: Not reported
Lat/Long: Not reported
Facility Type: OTHER

CBS Number: Not reported
Telephone: (718) 738-7712
Owner Mark: First Owner

Dispenser: Suction
Next Test Date: Not reported
Test Method: Not reported
Updated: True
Owner Screen: Minor data missing
Renewal Date: 08/12/97
Federal ID: Not reported
Facility Screen: No data missing
Certification Date: 08/19/92
Expiration Date: 10/29/97
Inspector: Not reported

QUEENS FARMS DAIRY INC (Continued) U00364405

PBS Number: 2-032573 CBS Number: Not reported
 SPDES Number: Not reported
 SWIS ID: 6301 Telephone: (718) 738-7712
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712
 Not Reported

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 002 Install Date: 00/00
 Product Stored: LEADED GASOLINE Tank Type: Steel/carbon steel
 Tank Internal: Not reported Pipe Internal: Not reported
 Pipe Location: Not reported Pipe Type: STEEL/IRON
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Not reported Dispenser: Suction
 Date Tested: Not reported Next Test Date: Not reported
 Date Closed: 08/95 Test Method: Not reported
 Deleted: False Updated: True
 Dead Letter: False Owner Screen: Minor data missing
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0 Renewal Date: 08/12/97
 Tank Screen: 0 Federal ID: Not reported
 Renewal Flag: Renewal has not been printed Facility Screen: No data missing
 Certification Flag: False Expiration Date: 08/19/92
 Old PBS Number: Not reported Inspection Date: 10/29/97
 Inspected Date: Not reported Inspection Result: Not reported
 Inspection Date: Not reported Lathing: Not reported
 Lathing: Not reported Facility Type: OTHER

PBS Number: 2-032573 CBS Number: Not reported
 SPDES Number: Not reported Telephone: (718) 738-7712
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417

QUEENS FARMS DAIRY INC (Continued) U00364405

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712
 Not Reported

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 003 Install Date: 00/00
 Product Stored: LEADED GASOLINE Tank Type: Steel/carbon steel
 Tank Internal: Not reported Pipe Internal: Not reported
 Pipe Location: Not reported Pipe Type: STEEL/IRON
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Not reported Dispenser: Suction
 Date Tested: Not reported Next Test Date: Not reported
 Date Closed: 08/95 Test Method: Not reported
 Deleted: False Updated: True
 Dead Letter: False Owner Screen: Minor data missing
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0 Renewal Date: 08/12/97
 Tank Screen: 0 Federal ID: Not reported
 Renewal Flag: Renewal has not been printed Facility Screen: No data missing
 Certification Flag: False Expiration Date: 08/19/92
 Old PBS Number: Not reported Inspection Date: 10/29/97
 Inspected Date: Not reported Inspection Result: Not reported
 Inspection Date: Not reported Lathing: Not reported
 Lathing: Not reported Facility Type: OTHER

PBS Number: 2-032573 CBS Number: Not reported
 SPDES Number: Not reported Telephone: (718) 738-7712
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712
 Not Reported

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

QUEENS FARMS DAIRY INC (Continued) U00364405

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 004 Install Date: 00/00
 Product Stored: LEADED GASOLINE Tank Type: Steel/carbon steel
 Tank Internal: Not reported Pipe Internal: Not reported
 Pipe Location: Not reported Pipe Type: STEEL/IRON
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Not reported Dispenser: Suction
 Date Tested: Not reported Next Test Date: Not reported
 Date Closed: 08/95 Test Method: Not reported
 Deleted: False Updated: True
 Dead Letter: False Owner Screen: Minor data missing
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0 Renewal Date: 08/12/97
 Tank Screen: 0 Federal ID: Not reported
 Renewal Flag: Renewal has not been printed Facility Screen: No data missing
 Certification Flag: False Expiration Date: 08/19/92
 Old PBS Number: Not reported Inspection Date: 10/29/97
 Inspected Date: Not reported Inspection Result: Not reported
 Inspection Date: Not reported Lathing: Not reported
 Lathing: Not reported Facility Type: OTHER

PBS Number: 2-032573 CBS Number: Not reported
 SPDES Number: Not reported Telephone: (718) 738-7712
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712
 Not Reported

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 005 Install Date: 00/00
 Product Stored: LEADED GASOLINE Tank Type: Steel/carbon steel
 Tank Internal: Not reported Pipe Internal: Not reported
 Pipe Location: Not reported Pipe Type: STEEL/IRON
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Not reported Dispenser: Suction
 Date Tested: Not reported Next Test Date: Not reported
 Date Closed: 08/95 Test Method: Not reported
 Deleted: False Updated: True
 Dead Letter: False Owner Screen: Minor data missing
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0 Renewal Date: 08/12/97
 Tank Screen: 0 Federal ID: Not reported

QUEENS FARMS DAIRY INC (Continued) U00364405

Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Not reported Dispenser: Suction
 Date Tested: Not reported Next Test Date: Not reported
 Date Closed: 08/95 Test Method: Not reported
 Deleted: False Updated: True
 Dead Letter: False Owner Screen: Minor data missing
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0 Renewal Date: 08/12/97
 Tank Screen: 0 Federal ID: Not reported
 Renewal Flag: Renewal has not been printed Facility Screen: No data missing
 Certification Flag: False Expiration Date: 08/19/92
 Old PBS Number: Not reported Inspection Date: 10/29/97
 Inspected Date: Not reported Inspection Result: Not reported
 Inspection Date: Not reported Lathing: Not reported
 Lathing: Not reported Facility Type: OTHER

PBS Number: 2-032573 CBS Number: Not reported
 SPDES Number: Not reported Telephone: (718) 738-7712
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712
 Not Reported

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 006 Install Date: 00/00
 Product Stored: LEADED GASOLINE Tank Type: Steel/carbon steel
 Tank Internal: Not reported Pipe Internal: Not reported
 Pipe Location: Not reported Pipe Type: STEEL/IRON
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Not reported Dispenser: Suction
 Date Tested: Not reported Next Test Date: Not reported
 Date Closed: 08/95 Test Method: Not reported
 Deleted: False Updated: True
 Dead Letter: False Owner Screen: Minor data missing
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0 Renewal Date: 08/12/97
 Tank Screen: 0 Federal ID: Not reported

Map ID Direction Distance (ft.) Elevation Site Database(s) EDR ID Number EPA ID Number

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364405

Renewal Flag: Not reported
 Certification Date: 08/19/92
 Old PBS Number: Not reported
 Inspector: Not reported
 Inspection Result: Not reported
 La/Long: Not reported
 Facility Type: OTHER

PBS Number: 2-032573
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 007
 Product Stored: LEADED GASOLINE
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 08/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Not reported
 Certification Date: 08/19/92
 Old PBS Number: Not reported
 Inspector: Not reported
 Inspection Result: Not reported
 La/Long: Not reported
 Facility Type: OTHER

PBS Number: 2-032573
 SPDES Number: Not reported

Facility Screen: No data missing
 Certification Date: 08/19/92
 Expiration Date: 10/29/97
 Inspector: Not reported

CBS Number: Not reported
 Telephone: (718) 738-7712

Owner Mark: First Owner

Install Date: 06/00
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: STEEL/IRON

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: True
 Owner Screen: Minor data missing

Renewal Date: 08/12/97
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 08/19/92
 Expiration Date: 10/29/97
 Inspector: Not reported

Map ID Direction Distance (ft.) Elevation Site Database(s) EDR ID Number EPA ID Number

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364405

SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 550
 Tank Location: UNDERGROUND
 Tank ID: 008
 Product Stored: LEADED GASOLINE
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: NONE
 Leak Detection: OTHER
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 08/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Not reported
 Certification Date: 08/19/92
 Old PBS Number: Not reported
 Inspector: Not reported
 Inspection Result: Not reported
 La/Long: Not reported
 Facility Type: OTHER

PBS Number: 2-032573
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Owner Type: Not reported
 Owner Subtype: Not reported

Facility Screen: No data missing
 Certification Date: 08/19/92
 Expiration Date: 10/29/97
 Inspector: Not reported

CBS Number: Not reported
 Telephone: (718) 738-7712

Owner Mark: First Owner

Install Date: 09/00
 Tank Type: Steel/carbon steel
 Pipe Internal: Not reported
 Pipe Type: STEEL/IRON

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: True
 Owner Screen: Minor data missing

Renewal Date: 08/12/97
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 08/19/92
 Expiration Date: 10/29/97
 Inspector: Not reported

Map ID Direction Distance (ft.) Elevation Site Database(s) EDR ID Number EPA ID Number

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364405

Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 4000
 Tank Location: UNDERGROUND
 Tank ID: 009
 Product Stored: DIESEL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: VAULT
 Leak Detection: OTHER
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 08/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Not reported
 Certification Date: 08/19/92
 Old PBS Number: Not reported
 Inspector: Not reported
 Inspection Result: Not reported
 La/Long: Not reported
 Facility Type: OTHER

PBS Number: 2-032573
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 4000
 Tank Location: UNDERGROUND
 Tank ID: 010
 Product Stored: DIESEL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: VAULT
 Leak Detection: OTHER
 Overfill Prot: Not reported

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: True
 Owner Screen: Minor data missing

Renewal Date: 08/12/97
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 08/19/92
 Expiration Date: 10/29/97
 Inspector: Not reported

Map ID Direction Distance (ft.) Elevation Site Database(s) EDR ID Number EPA ID Number

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U00364405

Product Stored: LEADED GASOLINE
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: VAULT
 Leak Detection: OTHER
 Overfill Prot: Not reported
 Date Tested: Not reported
 Date Closed: 08/95
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Not reported
 Certification Date: 08/19/92
 Old PBS Number: Not reported
 Inspector: Not reported
 Inspection Result: Not reported
 La/Long: Not reported
 Facility Type: OTHER

PBS Number: 2-032573
 SPDES Number: Not reported
 SWIS ID: 6301
 Operator: QUEENS FARMS
 Emergency Contact: QUEENS FARMS, (718) 738-7712
 Total Tanks: 0
 Owner: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: QUEENS FARMS DAIRY INC
 103-45 98TH ST
 OZONE PARK, NY 11417
 (718) 738-7712

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

Capacity (gals): 4000
 Tank Location: UNDERGROUND
 Tank ID: 011
 Product Stored: DIESEL
 Tank Internal: Not reported
 Pipe Location: Not reported
 Tank External: Not reported
 Tank Status: Closed-Removed
 Tank Error Status: Minor Data Missing
 Pipe External: Not reported
 Second Containment: VAULT
 Leak Detection: OTHER
 Overfill Prot: Not reported

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: True
 Owner Screen: Minor data missing

Renewal Date: 08/12/97
 Federal ID: Not reported
 Facility Screen: No data missing
 Certification Date: 08/19/92
 Expiration Date: 10/29/97
 Inspector: Not reported

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U003644403
Data Tested: Not reported
Date Closed: 06/95
Operator: QUEENS FARMS
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

MAP FINDINGS

QUEENS FARMS DAIRY INC (Continued) U003644403
Inspected Date: Not reported
Inspector: Not reported
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.

MAP FINDINGS

97-10 193TH ST (Continued) S101341295
LUST:
Spill Number: 0315573
Region of Spill: 2
Facility Contact: Not reported
Investigator: KRIMGOLD
Caller Name: EDWARD DWYER

MAP FINDINGS

KAM THERMAL EQUIPMENT LTD (Continued) U000399363
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Capacity (gals): 275
Tank Location: UNDERGROUND

KAM THERMAL EQUIPMENT LTD (Continued) U00039933

Tank External: NONE/OTHER
 Tank Status: Tank Converted To Non-Regulated Use
 Tank Error Status: No Missing Data
 Pipe External: PAINTED/ASPHALT COATING/NONE
 Second Containment: NONE/NONE
 Leak Detection: NONE/NONE
 Overfill Prot: None
 Date Tested: Not reported
 Date Closed: 08/96
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspection Date: Not reported
 Inspection Result: Not reported
 Latching: Not reported
 Facility Type: Not reported

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: True
 Owner Screen: Minor data missing

Renewal Date: 10/22/92
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 07/07/92
 Expiration Date: 07/07/92
 Inspector: Not reported

PBS Number: 2-296341
 SPOES Number: Not reported
 SWIS ID: 6301
 Operator: KAM THERMAL EQUIPMENT LTD
 Emergency Contact: J J JOHNSTN FUEL CORP, (718) 847-4200
 Total Tanks: 0
 Owner: KAM THERMAL EQUIPMENT LTD
 98-21 97TH ST
 OZONE PK, NY 11416
 (718) 845-4600

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: KAM THERMAL EQUIPMENT LTD
 98-21 97TH ST
 OZONE PK, NY 11416
 (718) 845-4600

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14, 275

Capacity (gals): 275
 Tank Location: UNDERGROUND
 Tank ID: 003
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: NONE
 Pipe Location: Aboveground
 Tank External: NONE/OTHER
 Tank Status: Tank Converted To Non-Regulated Use
 Tank Error Status: No Missing Data
 Pipe External: PAINTED/ASPHALT COATING/NONE
 Second Containment: NONE/NONE
 Leak Detection: NONE/NONE
 Overfill Prot: None
 Date Tested: Not reported
 Date Closed: 08/96
 Deleted: False

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: True
 Owner Screen: Minor data missing

Install Date: 06/08
 Tank Type: Steel/carbon steel
 Pipe Material: NONE
 Pipe Type: STEEL/IRON

KAM THERMAL EQUIPMENT LTD (Continued) U00039933

Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspection Date: Not reported
 Inspection Result: Not reported
 Latching: Not reported
 Facility Type: Not reported

Owner Screen: Minor data missing
 Renewal Date: 10/22/92
 Federal ID: Not reported
 Facility Screen: Minor data missing
 Certification Date: 07/07/92
 Expiration Date: 07/07/92
 Inspector: Not reported

PBS Number: 2-296341
 SPOES Number: Not reported
 SWIS ID: 6301
 Operator: KAM THERMAL EQUIPMENT LTD
 Emergency Contact: J J JOHNSTN FUEL CORP, (718) 847-4200
 Total Tanks: 0
 Owner: KAM THERMAL EQUIPMENT LTD
 98-21 97TH ST
 OZONE PK, NY 11416
 (718) 845-4600

Owner Type: Not reported
 Owner Subtype: Not reported
 Mailing Address: KAM THERMAL EQUIPMENT LTD
 98-21 97TH ST
 OZONE PK, NY 11416
 (718) 845-4600

Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14, 275

Capacity (gals): 275
 Tank Location: UNDERGROUND
 Tank ID: 004
 Product Stored: NOS 1,2, OR 4 FUEL OIL
 Tank Internal: NONE
 Pipe Location: Aboveground
 Tank External: NONE/OTHER
 Tank Status: Tank Converted To Non-Regulated Use
 Tank Error Status: No Missing Data
 Pipe External: PAINTED/ASPHALT COATING/NONE
 Second Containment: NONE/NONE
 Leak Detection: NONE/NONE
 Overfill Prot: None
 Date Tested: Not reported
 Date Closed: 08/96
 Deleted: False
 Dead Letter: False
 FAMI: Fiscal amount for registration fee is correct
 Total Capacity: 0
 Tank Screen: 0
 Renewal Flag: Renewal has been printed
 Certification Flag: False
 Old PBS Number: Not reported
 Inspection Date: Not reported
 Inspection Result: Not reported
 Latching: Not reported

Dispenser: Suction
 Next Test Date: Not reported
 Test Method: Not reported
 Updated: True
 Owner Screen: Minor data missing

Install Date: 06/08
 Tank Type: Steel/carbon steel
 Pipe Material: NONE
 Pipe Type: STEEL/IRON

KAM THERMAL EQUIPMENT LTD (Continued) U00039933

Facility Type: Not reported

30 NE 106-104 1091 Higher

PROVISIERO BROTHERS INC
 106-17 101ST AVE
 RICHMOND HILLS, NY 11418

RCRIS: RCRIS-SQG 100043676 NYD982726796

Owner: JOE PROVVISIERO (212) 555-1212
 Contact: TONY PROVVISIERO (718) 847-5191
 Record Date: 02/24/1989
 Classification: Small Quantity Generator
 Used Oil Recy: No
 Violation Status: No violations found

LIBERTY HEAT TREATING CO, INC. (Continued) 1000219803

Owner: Liberty Heat Treating Co., Inc
 Owner Address: 100-15 94th Ave.
 Ozone Park, NY 11416
 Owner Phone: (212)845-3150
 Operator Type: Unknown
 Operator: Unknown
 Operator Address: Unknown
 Operator Phone: Unknown
 Registry: Not on NYS Registry of Inactive Haz Waste Disposal Sites
 Registry Site ID: None
 Site Code: 1
 RCRA Permitted: Unknown
 Making: Not reported
 Lat/Long: 40 41'18"N / 73 50'37"W

Quadrangle: Unknown
 Acres: 0.00
 Operator Date: 1941
 Completed: Unknown
 Region: 2
 NEFRAP: Not reported
 Volatile Organic Compounds Disposed: No
 Semi Volatile Organic Compounds Disposed: No
 PCBs Disposed: No
 Pesticides Disposed: No
 Metals Disposed: Unknown
 Asbestos Disposed: No
 Analytical Info Exists for Air: Not reported
 Analytical Info Exists for Ground: None
 Analytical Info Exists for Surface: Not reported
 Analytical Info Exists for Surface Soil: Not reported
 Analytical Info Exists for Substrate: Not reported
 Analytical Info Exists for Waste: Not reported
 Analytical Info Exists for Leachate: Not reported
 Analytical Info Exists for TCLP: Not reported
 Site Poses Threat to Environment/Public Health: EP
 Internal Ranking of Site: 0
 Surface Water Contamination: Unknown
 Surface Water Body Class: Unknown
 Groundwater Contamination: Unknown
 Groundwater Classification: Unknown
 Drinking Water Contamination: Unknown
 Drinking Water Supply is Active: Unknown
 Any Known Fish or Wildlife: No
 Hazardous Exposure: Unknown
 Site Has Controlled Access: Yes
 Ambient Air Contamination: Unknown
 Direct Contact: Unknown
 EPA Hazardous Ranking System Score: Unknown
 Agencies: HTS/DEC
 Air: Not reported
 Building: Not reported
 Site Description: PREVIOUSLY WAS A SMALL QUANTITY GENERATOR OF HAZ WASTE. METALS WERE TREATED IN A HOT CYANIDE SALT BATHS, AND QUENCHED IN OIL. HAZ. SLUDGE WAS THE RESULTING WASTE. THE NEAREST WATER SUPPLY DISTANCE IS 1 MILE FROM THE SITE.

Drink: Not reported
 Eptox: Not reported
 Fish: Not reported
 Ground: THE NEAREST GROUND WATER DEPTH IS 60 FEET BELOW THE SURFACE.

31 NNW 104-17 1581 Higher

LIBERTY HEAT TREATING CO, INC.
 100-16 94TH AVENUE
 OZONE PARK, NY 11416

HSWDS: 1000219803
 CERCLIS-NFRAP NYD03169654
 RCRIS-LQG

CERCLIS-NFRAP Classification Data:
 Site Incident Category: Not reported
 Ownership Status: Unknown
 CERCLIS-NFRAP Assessment History:
 Assessment: DISCOVERY
 Assessment: PRELIMINARY ASSESSMENT
 CERCLIS-NFRAP Area Name(s):
 LIBERTY HEAT TREATING CO, INC.

Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Complete: 19890613
 Completed: 19890630

RCRIS:
 Owner: LIBERTY HEAT TREATING CO INC
 (212) 845-3150
 Contact: BOB MANSFIELD
 (718) 845-3150
 Record Date: 08/18/1980
 Classification: Large Quantity Generator
 Used Oil Recy: No
 Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

Evaluation: Compliance Evaluation Inspection (CEI)
 Area of Violation: Generation-All Requirements
 Date of Compliance: 01/02/1986

NY HSWDS:
 Facility ID: Not reported
 Facility Status: None
 Owner Type: Public
 EPA ID: NYD053169654

LIBERTY HEAT TREATING CO. INC. (Continued) 1000219803

Hazardous Threat: SLUDGE
 Leachate: Not reported
 Preparer: JULIE WELCH: NYSDEC, INTERN. RPI ENV.ENG TECH. 1 FEBRUARY 15, 1994
 Reason: NO EVIDENCE OF DISPOSAL
 Sediment: Not reported
 Soil: Not reported
 Surface: THE NEAREST SURFACE WATER DISTANCE IS 2 MILES AWAY.
 Status: Not reported
 Surface Soil: Not reported
 Surface: Not reported
 TCLP: Not reported
 Waste: Not reported

EDR ID
 Database(s)
 No.
 Site Address
 Site Name
 EDR ID
 Only

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
 Source: EPA
 Telephone: 703-413-6223
 CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by state, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/21/99 Date of Data Arrival at EDR: 05/14/99
 Date Made Active at EDR: 09/09/99 Elapsed ASTM days: 26
 Database Release Frequency: Quarterly Date of Last EDR Contact: 08/30/99

ERNS: Emergency Response Notification System

Source: EPA/NTIS
 Telephone: 202-260-2342
 Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/98 Date of Data Arrival at EDR: 01/13/99
 Date Made Active at EDR: 01/19/99 Elapsed ASTM days: 5
 Database Release Frequency: Quarterly Date of Last EDR Contact: 08/06/99

NPL: National Priority List

Source: EPA
 Telephone: N/A
 National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 05/10/99 Date of Data Arrival at EDR: 05/12/99
 Date Made Active at EDR: 06/09/99 Elapsed ASTM days: 28
 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 08/05/99

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS
 Telephone: 800-424-9346
 Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 07/01/99 Date of Data Arrival at EDR: 07/02/99
 Date Made Active at EDR: 08/11/99 Elapsed ASTM days: 35
 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 07/26/99

CORRACTS: Corrective Action Report

Source: EPA
 Telephone: 800-424-9346
 CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/99 Date of Data Arrival at EDR: 03/17/99
 Date Made Active at EDR: 04/16/99 Elapsed ASTM days: 30
 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 08/21/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDERAL NON-ASTM RECORDS:

BRS: Biennial Reporting System

Source: EPA/NTIS
 Telephone: 800-424-9346
 The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQGs) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/95 Date of Last EDR Contact: 06/21/99
 Database Release Frequency: Biennially Date of Next Scheduled EDR Contact: 09/20/99

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
 Telephone: Varies
 Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies Date of Last EDR Contact: Varies
 Database Release Frequency: Varies Date of Next Scheduled EDR Contact: N/A

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
 Telephone: 202-366-4526
 Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/95 Date of Last EDR Contact: 07/28/99
 Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 10/25/99

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
 Telephone: 301-415-7169
 MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/06/98 Date of Last EDR Contact: 07/12/99
 Database Release Frequency: Quarterly Date of Next Scheduled EDR Contact: 10/11/99

NPL LIENS: Federal Superfund Liens

Source: EPA
 Telephone: 202-564-4267
 Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91 Date of Last EDR Contact: 08/27/99
 Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 08/23/99

PADS: PCB Activity Database System

Source: EPA
 Telephone: 202-260-3936
 PCB Activity Database. PADS identifies generators, transporters, commercial stores and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/22/97 Date of Last EDR Contact: 08/17/99
 Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 11/15/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System
Source: EPA

Telephone: 202-564-4104
RCRA Administrative Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administrative actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 06/14/99
Date of Next Scheduled EDR Contact: 09/19/99

ROD: Records Of Decision
Source: NDIS

Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/31/99
Database Release Frequency: Annually
Date of Last EDR Contact: 08/23/99
Date of Next Scheduled EDR Contact: 11/22/99

TRIS: Toxic Chemical Release Inventory System
Source: EPA

Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/5/97
Database Release Frequency: Annually
Date of Last EDR Contact: 06/28/99
Date of Next Scheduled EDR Contact: 09/27/99

TSCA: Toxic Substances Control Act
Source: EPA

Telephone: 202-260-1444
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant size.

Date of Government Version: 12/31/94
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 08/03/99
Date of Next Scheduled EDR Contact: 10/25/99

MINES: Minns Master Index File
Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5669

Date of Government Version: 06/01/98
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 07/08/99
Date of Next Scheduled EDR Contact: 10/04/99

AOC/CONCERN: San Gabriel Valley Areas of Concern
Source: EPA Region 9

Telephone: 415-744-2407
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: N/A
Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF NEW YORK ASTM RECORDS:

LUST: Spills Information Database

Source: Department of Environmental Conservation
Telephone: 518-457-2462
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/01/99
Date Made Active at EDR: 10/15/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 09/10/99
Elapsed ASTM days: 60
Date of Last EDR Contact: 08/03/99

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Source: Department of Environmental Conservation
Telephone: 518-457-0747
State Hazardous Waste Sites. State hazardous waste site records are the state's equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 04/01/99
Date Made Active at EDR: 09/15/99
Database Release Frequency: Annually
Date of Data Arrival at EDR: 07/15/99
Elapsed ASTM days: 52
Date of Last EDR Contact: 08/30/99

LF: Facility Register

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Solid Waste Facilities/Landfill Sites. SWW/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4904 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/30/99
Date Made Active at EDR: 09/15/99
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 08/10/99
Elapsed ASTM days: 37
Date of Last EDR Contact: 08/10/99

UST: Petroleum Bulk Storage (PBS) Database

Source: Department of Environmental Conservation
Telephone: 518-457-4351
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 07/01/99
Date Made Active at EDR: 10/05/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 09/10/99
Elapsed ASTM days: 47
Date of Last EDR Contact: 08/03/99

CBS UST: Chemical Bulk Storage Database

Source: NYSDEC
Telephone: 518-457-4251
Facilities that store regulated hazardous substances in underground tanks of any size.

Date of Government Version: 07/01/99
Date Made Active at EDR: 10/05/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 09/10/99
Elapsed ASTM days: 60
Date of Last EDR Contact: 08/03/99

MOSF UST: Major Oil Storage Facilities Database

Source: NYSDEC
Telephone: 518-457-4257
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 07/01/99
Date Made Active at EDR: 10/18/99
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 09/10/99
Elapsed ASTM days: 60
Date of Last EDR Contact: 08/03/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF NEW YORK NON-ASTM RECORDS:

AST: Petroleum Bulk Storage (AST)

Source: Department of Environmental Conservation
Telephone: 518-457-4351
Registered Aboveground Storage Tanks.

Date of Government Version: 01/01/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 08/03/99
Date of Next Scheduled EDR Contact: 11/01/99

CBS AST: Chemical Bulk Storage Database

Source: NYSDEC
Telephone: 518-457-4351
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 155 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 07/01/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 08/03/99
Date of Next Scheduled EDR Contact: 11/01/99

MOSF AST: Major Oil Storage Facilities Database

Source: NYSDEC
Telephone: 518-457-4351
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 07/01/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 08/03/99
Date of Next Scheduled EDR Contact: 11/01/99

HSWDS: Hazardous Substance Waste Disposal Site Inventory

Source: Department of Environmental Conservation
Telephone: 518-457-0639
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites deleted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites which U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

Date of Government Version: 05/17/99
Database Release Frequency: Annually
Date of Last EDR Contact: 09/05/99
Date of Next Scheduled EDR Contact: 12/06/99

SPILLS: Spills Information Database

Source: Department of Environmental Conservation
Telephone: 518-457-2462
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, § NYCRR Section 613.9 (from PBS regs), or § NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1996, as well as spills occurring since this date.

Date of Government Version: 07/01/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 08/03/99
Date of Next Scheduled EDR Contact: 11/01/99

VDP: Voluntary Cleanup Agreements

Source: Department of Environmental Conservation
Telephone: 518-457-7894
The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

Date of Government Version: 06/14/99
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 06/21/99
Date of Next Scheduled EDR Contact: 09/20/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NEW YORK COUNTY RECORDS

CORTLAND COUNTY:

Corland County UST Listing (AST)

Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 03/15/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 09/07/99
Date of Next Scheduled EDR Contact: 12/06/99

Corland County UST Listing (UST)

Source: Cortland County Health Department
Telephone: 607-753-5035

Date of Government Version: 06/17/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 09/07/99
Date of Next Scheduled EDR Contact: 12/06/99

NASSAU COUNTY:

Registered Tank Database

Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 02/04/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 08/09/99
Date of Next Scheduled EDR Contact: 11/08/99

Registered Tank Database

Source: Nassau County Health Department
Telephone: 516-571-3314

Date of Government Version: 06/11/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 08/09/99
Date of Next Scheduled EDR Contact: 11/08/99

ROCKLAND COUNTY:

Petroleum Bulk Storage Database (AST)

Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 04/26/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 07/12/99
Date of Next Scheduled EDR Contact: 10/11/99

Petroleum Bulk Storage Database (UST)

Source: Rockland County Health Department
Telephone: 914-364-2605

Date of Government Version: 07/28/99
Database Release Frequency: Quarterly
Date of Last EDR Contact: 07/12/99
Date of Next Scheduled EDR Contact: 10/11/99

SUFFOLK COUNTY:

Underground Storage Tank Database (AST)

Source: Suffolk County Department of Health Services
Telephone: 516-854-2521

Date of Government Version: 03/01/98
Database Release Frequency: Annually
Date of Last EDR Contact: 09/07/98
Date of Next Scheduled EDR Contact: 12/06/99

Underground Storage Tank Database (UST)

Source: Suffolk County Department of Health Services
 Telephone: 518-854-2521

Date of Government Version: 03/01/99
 Database Release Frequency: Annually

Date of Last EDR Contact: 09/07/99
 Date of Next Scheduled EDR Contact: 12/08/99

Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

DELISTED NPL: NPL Deletions

Source: EPA
 Telephone: NA

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/23/99
 Date Made Active at EDR: 06/09/99
 Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 05/12/99
 Elapsed ASTM days: 26
 Date of Last EDR Contact: 08/10/99

NFRAP: No Further Remedial Action Planned

Source: EPA
 Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 04/21/99
 Date Made Active at EDR: 06/09/99
 Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 05/14/99
 Elapsed ASTM days: 26
 Date of Last EDR Contact: 08/30/99

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

EpoCenters: World earthquake epicenters, Richter 5 or greater
 Source: Department of Commerce, National Oceanic and Atmospheric Administration

APPENDIX C

**PREVIOUS PHASE I ESA AND PHASE II
SUBSURFACE INVESTIGATION**

*ENVIRONMENTAL SITE ASSESSMENT
PROPERTY LOCATED AT
101-21 101st STREET
QUEENS, NEW YORK*

Prepared for:

*AMSTER NOVELTY COMPANY
75-13 71st Avenue
Middle Village, New York*

and

The NYC INDUSTRIAL DEVELOPMENT AGENCY

Prepared by:

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NOVEMBER 1995

ESA-95267

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I. INTRODUCTION

EEA, Inc. has undertaken a Phase I Environmental Site Assessment (ESA) of the subject property known as 101-21 101st Street, Ozone Park, New York. It is presently occupied by three buildings (Numbers 5, 6, and 9) formerly utilized by Ozone Industries.

The purpose of this Phase I ESA is the identification of environmental conditions indicating the potential for significant contamination of the subject property by toxic and hazardous materials (including petroleum products), and/or chemical products. Such environmental conditions can include past and present operations and disposal practices, on-site spills, contamination from on-site or off-site sources, and the presence of sensitive off-site receptors. This Phase I ESA investigates such potential sources of contamination in its evaluation of the property through a visual site inspection, historical research, and regulatory agency records and database checks.

The scope of work for this Phase I ESA investigation is based on generally accepted industry protocols, as well as the ASTM Standard Practice for Phase I Environmental Site Assessments (E 1527-94). A description of the scope of work is outlined in Section IV.

The summary and conclusions based on the Phase I investigation are presented in Section II. A detailed description of the Phase I ESA findings is presented in Section III. Photographs are attached as Appendix A. A copy of the 1987 invoice for tank closures is attached at Appendix B. Copies of Freedom of Information Law (FOIL) requests to agencies, and agency responses, are attached as Appendix C. Descriptions of NYSDEC spill incidents, Petroleum and Chemical Bulk Storage facilities, and hazardous waste handlers from Toxics Targeting are attached as Appendix D.

II. SUMMARY AND CONCLUSIONS

EEA has performed a Phase I Environmental Site Assessment of the subject property known as 101-21 101st Street, Ozone Park, New York in conformance with the scope and limitations of ASTM Practice E 1527-94. Any exceptions to, or deletions from, this practice are described in Section IV of this report.

The conclusions of this Phase I ESA, based on the visual site inspection (11/27/95) and review of available historical record and regulatory documents and databases, are outlined in the following paragraphs.

A. ON-SITE FINDINGS

o Past Occupants and Uses

EEA's research into the history of site use indicates that the present structure (consisting of three attached buildings) was constructed in three stages. Building 6 was constructed in 1959 and Buildings 5 and 9 were added in 1964 and 1968, respectively. Prior to that, the subject property was occupied by residential homes.

Past on-site uses identified on the property within the time period investigated for this report (1901 to the present) include: residential homes and the current manufacturing buildings.

The past manufacturing operations (1959 through July 1995) were types of businesses/operations that stored, used, or produced significant quantities of toxic or hazardous materials and/or wastes: e.g., various machining oils and solvents in the production of hydraulics for aerospace and industrial markets.

o Present Operations

The three buildings and parking lot are currently vacant, but were occupied until July 1995 by Ozone Industries, which still operates across the street at 101-32 101st Street.

Operations on the property prior to July 1995 consisted of the design, development and manufacture of hydraulics for the aerospace and industrial markets. Principal products manufactured included landing gear, aircraft steering systems, and a variety of hydraulic power, control and storage devices for helicopters and light aircraft.

o Site Drainage

Sanitary sewage is discharged to the municipal sewage system, and treated at one of New York City's 14 wastewater treatment plants. The buildings have been connected to this system since their construction between 1959-1968.

One interior drainage structure was observed in the second floor engineer's electrical/hydraulic and pump storage room in Building 5. According to Mr. Poedurgeil, the drain was installed in the event an 85-gallon aboveground stainless steel hydraulic tank, used to power engineers test equipment, ever leaked. The drain was piped to the first floor of Building 6, where any drained oil was collected in a 55-gallon drum. The 85-gallon hydraulic oil tank was removed in July or August 1995.

In addition, a trap cover for a possible drainage structure was observed in the southwest corner of Building 9, adjacent to the former chemical storage/process area.

Exterior drainage structures, consisting of one drywell and one long drainage trench, were observed along the west side of the south paved parking lot.

o **Toxic and Hazardous Materials and Wastes**

No toxic or hazardous materials or wastes are currently used or generated on the subject site, which is vacant. Some materials left over from previous operations were observed stored in the subject buildings (see Section III.D.i.). In addition, 19 drums of solvents and waste oils generated at the adjacent facility were also observed on-site; according to Mr. Poedurgeil, these drums are awaiting removal by a waste hauler.

o **Petroleum and Chemical Storage Tanks**

According to information from a 1987 Storage Tank Assessment report, there were three buried tanks on the property: one 2,500-gallon fuel oil tank under Building 6 (tank 2); one 2,500-gallon fuel oil tank under Building 9 (tank 3); and one 1,080-gallon trichloroethylene tank under Building 9 (tank 9).

According to Mr. Poedurgeil, all three tanks were properly closed in late December 1987. No closure documentation was made available. However, an invoice from Petroleum Tank Cleaners, Inc. of Brooklyn, New York (1/6/88) was provided. This invoice stated that five tanks (three on the subject site) were properly sealed (pumped out and squeezed clean and filled with sand) in accordance with all NYSDEC, USEPA, and NYCFD regulations.

According to Mr. Poedurgeil, the sealed fuel oil tank (No. 3 in Building 9) was removed in the early 1990s, when the foundation for a new machine had to be excavated in the area of the tank. This machine has since been removed from the vacant building, and all that remains is a large patch of concrete poured to fill in the machines foundation to ground level. No evidence of this tank's fillport or ventline was observed, but the tank's petrometer (level indicator) was observed on the rear (east) wall.

o **Tank Testing**

The tanks on the subject property were required to be tightness tested according to NYSDEC bulk storage regulations (6 NYCRR Parts 612 - 614) on the tenth anniversary of the year they were installed and every five years thereafter.

According to the storage tank assessment report by Fred C. Hart Associates, two of the three tanks (Nos. 2 and 9) were integrity tested using the PetroTite method by Environmental Systems and Services (ESS) of Bloomfield, New Jersey in September, 1987. A system leak was identified in both of these on-site tanks (Nos. 2 and 9). The NYSDEC was immediately notified of these findings (e.g., spill numbers were assigned to these tanks due to the system leaks).

Hart recommended retests for both tanks. PETCO performed the additional tests using the Tank Auditor method. Using this second method, the system leak was confirmed in tank #2 (fuel oil), although it could not be determined if the system leak was due to the tank's piping system. The Tank Auditor method performed by PETCO on tank 9 (trichloroethylene) indicated that the tank and piping system were tight, contradicting the earlier Petrotite test results which indicated a systems leak in this tank. Ozone Industries had emptied the contents (trichloroethylene) of this tank into another tank (located off-site), after the initial, failing test.

The third tank on the subject property (tank 3) was originally not tested by ESS in September, 1987, since its location could not be determined. PETCO subsequently located this 2,500-gallon fuel oil tank and tested it using the Tank Auditor method. According to these results, the test indicated that the tank was tight; however, a system leak was detected in the standpipe, belowgrade.

Apparently, NYSDEC was not contacted regarding this system leak (as is required by law), and therefore no spill number was assigned to this tank.

o **Suspected Asbestos-Containing Materials**

Several types of suspected asbestos-containing materials were observed in the subject building during EEA's limited visual asbestos survey (see Section III.H.i.).

o **Regulatory Records and Databases**

The subject site is not included on the following USEPA databases: the Superfund or CERCLIS lists, the ERNS database, the FINDS database, the RCRA Treatment/Storage/Disposal [TSDF] Facilities lists (see Section III.L.). There are also no listings for the subject property on the following NYSDEC databases: Chemical Bulk Storage, the TRIS database, the NYSDEC Inactive Hazardous Waste Disposal Site Registry, Permitted Hazardous/Industrial Waste Transporters, Major Oil Storage Facilities, and significant SPDES facilities lists.

The subject property, as part of Ozone Industries, is listed as a RCRA Hazardous Waste Handler and as a NYSDEC Petroleum Bulk Storage Facility (see Sections III.L.i.d. and III.L.ii.f.). In addition, two spill incidents are also listed for the subject site (see Section III.L.ii.c.).

B. OFF-SITE FINDINGS

The subject property is located in a section of Ozone Park, Queens that has been characterized by a mix of residential/commercial/industrial uses. No Superfund sites, CERCLIS sites, Inactive Hazardous Waste Disposal sites, RCRA Treatment/Storage/Disposal Facilities, Major Oil Storage Facilities, or Significant SPDES Facilities are listed within approximately one-mile of the subject property (see Section III.L.). A total of 33 NYSDEC spill incidents are listed within an approximate 1/2-mile radius; 21 of these incidents have been closed by NYSDEC. Two spill incidents are listed on the subject property.

C. RECOMMENDATIONS

Based on the available information obtained during the Phase I ESA, as outlined in this report, and EEA's professional judgement, there appear to be on-site environmental conditions that would require additional investigation or testing at this time:

- Former Trichloroethylene Tank

Test for subsurface contamination (volatile organic compounds) adjacent to the location of the 1,080-gallon tank abandoned in place inside Building 9.

- Former 2,500-gallon Fuel Oil Tanks

Test for subsurface contamination (total petroleum hydrocarbons) adjacent to the locations of the former fuel oil tanks (one tank has been removed, and another has been abandoned in place).

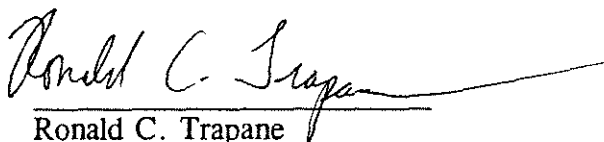
- Exterior Drainage Structures

Sample and test exterior trench drain and drywell for possible contamination (total petroleum hydrocarbons, volatile organic compounds, and metals) from any discharges from previous industrial operations.

- Interior Trap Cover

Open and inspect contents of the trap cover in the southwest corner of Building 9, adjacent to the former chemical storage/process area. If soils are exposed at the vault's invert, a sample should be collected and field tested for petroleum hydrocarbons and volatile organic compounds using a portable organic vapor detector (OVA). If results indicate the presence of contamination, a sample should be sent to the laboratory for analysis.

SENIOR INVESTIGATOR:

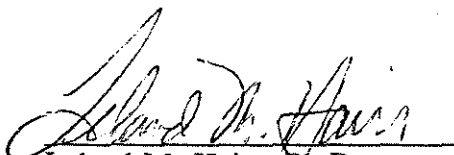


Ronald C. Trapane
Phase I Environmental Site
Assessments

REVIEWERS:



Bonnie Braine
Manager, Phase I
Environmental Site Assessments



Leland M. Hairr, Ph.D.
President

III. REPORT OF FINDINGS

The subject property was inspected on November 27, 1995, by EEA, Inc. investigator Ronald Trapane. Mr. William Poedurgeil, Manager of Ozone Industries, was present to give access to all areas of the site, and to answer questions concerning the present use of the three subject buildings (Numbers 5, 6, and 9) and parking lot (adjacent to Building 9).

The findings of EEA's investigation, including our regulatory agency checks, are presented in the following sections.

A. Property Description

i. Site Description

The subject property known as 101-21 101st Street is located on the east side of 101st Street, between 101st Avenue and 103rd Avenue, Ozone Park, in the Borough of Queens, New York City, New York (see Figure 1).

Tax map identification of this parcel is: Block 9419, Lot 49.

The subject property is approximately 46,000 square feet in area. The site is occupied by two 2-story and one 1-story concrete, cinderblock and steel frame structures, with approximately 36,000 square feet of gross floor space. A south paved and fenced parking lot contains the remaining 10,000 square feet of property (see Figure 2 and Photo 1).

ii. Current Operations

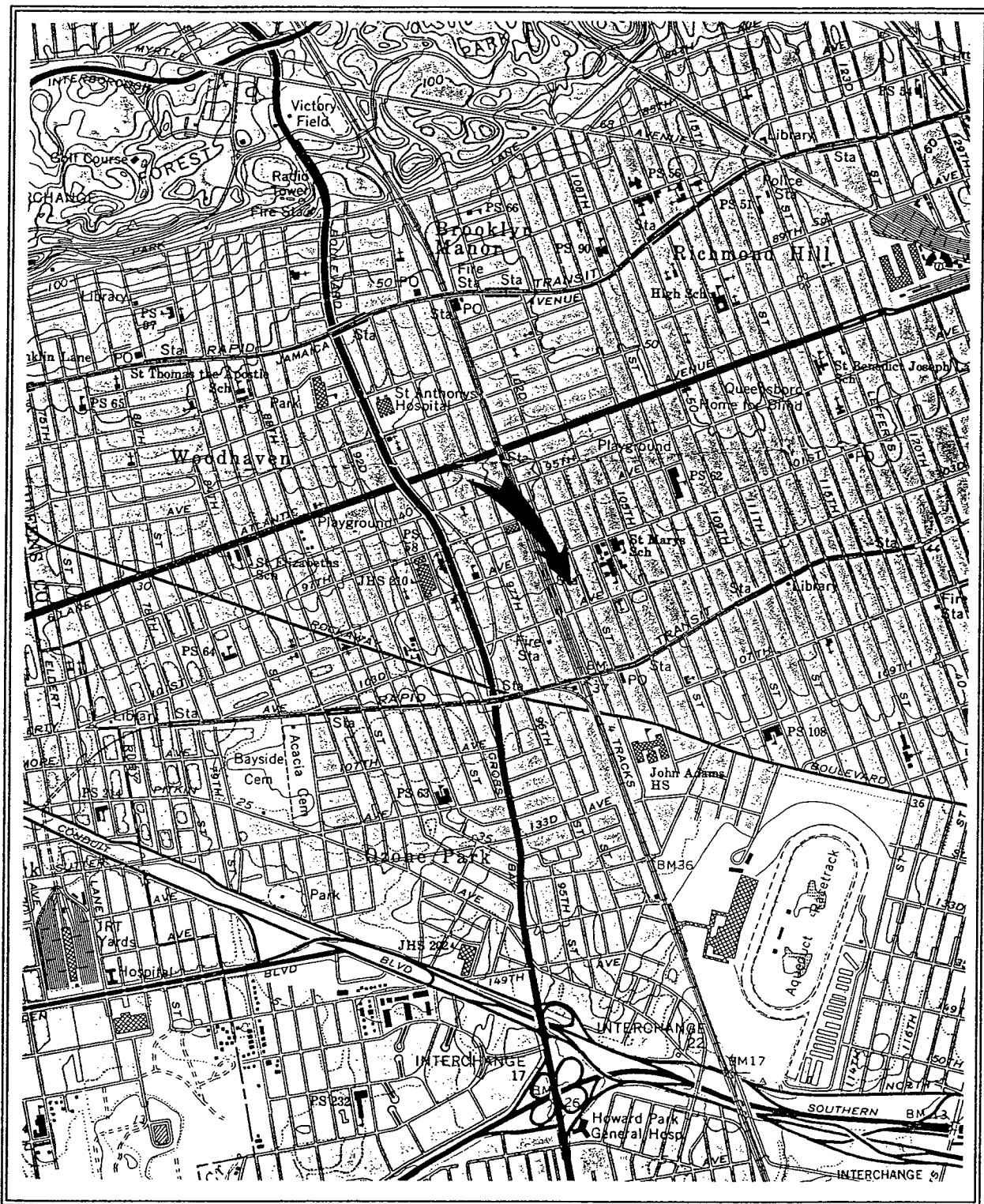
The three buildings and parking lot are currently vacant, but were occupied until July 1995 by Ozone Industries, which still operates across the street at 101-32 101st Street.

Operations on the property prior to July 1995 consisted of the design, development and manufacture of hydraulics for the aerospace and industrial markets (see Photo 2). Principal products manufactured included landing gear, aircraft steering systems, and a variety of hydraulic power, control and storage devices for helicopters and light aircraft.

iii. Building Heating Systems

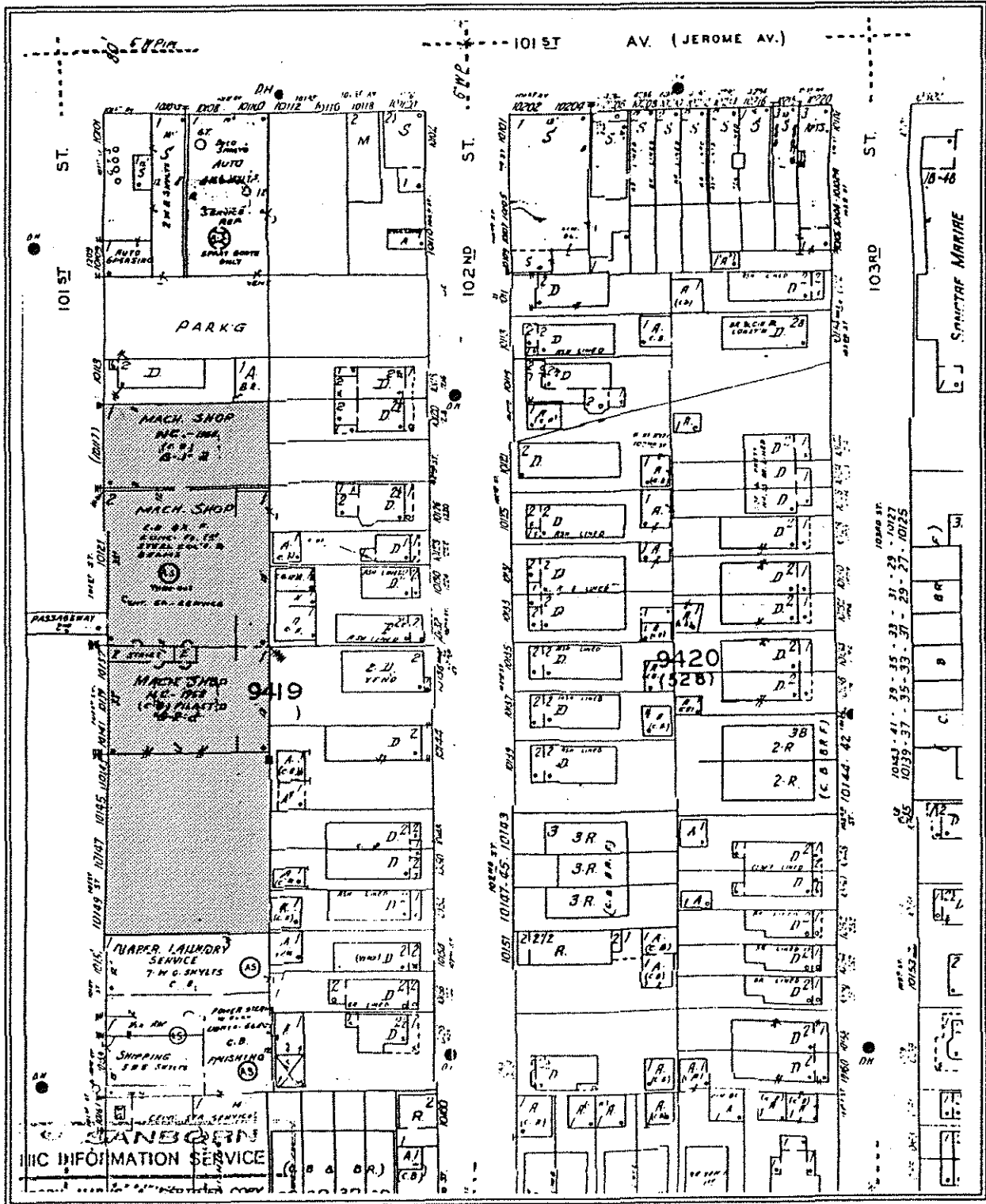
The three subject buildings are heated by gas-fired systems.

The buildings were heated by oil-fired systems until early 1988; these were replaced by the current gas-fired systems circa late 1987. Hot water is provided by electric hot water heaters located above the sheetrock ceilings of the bathrooms.



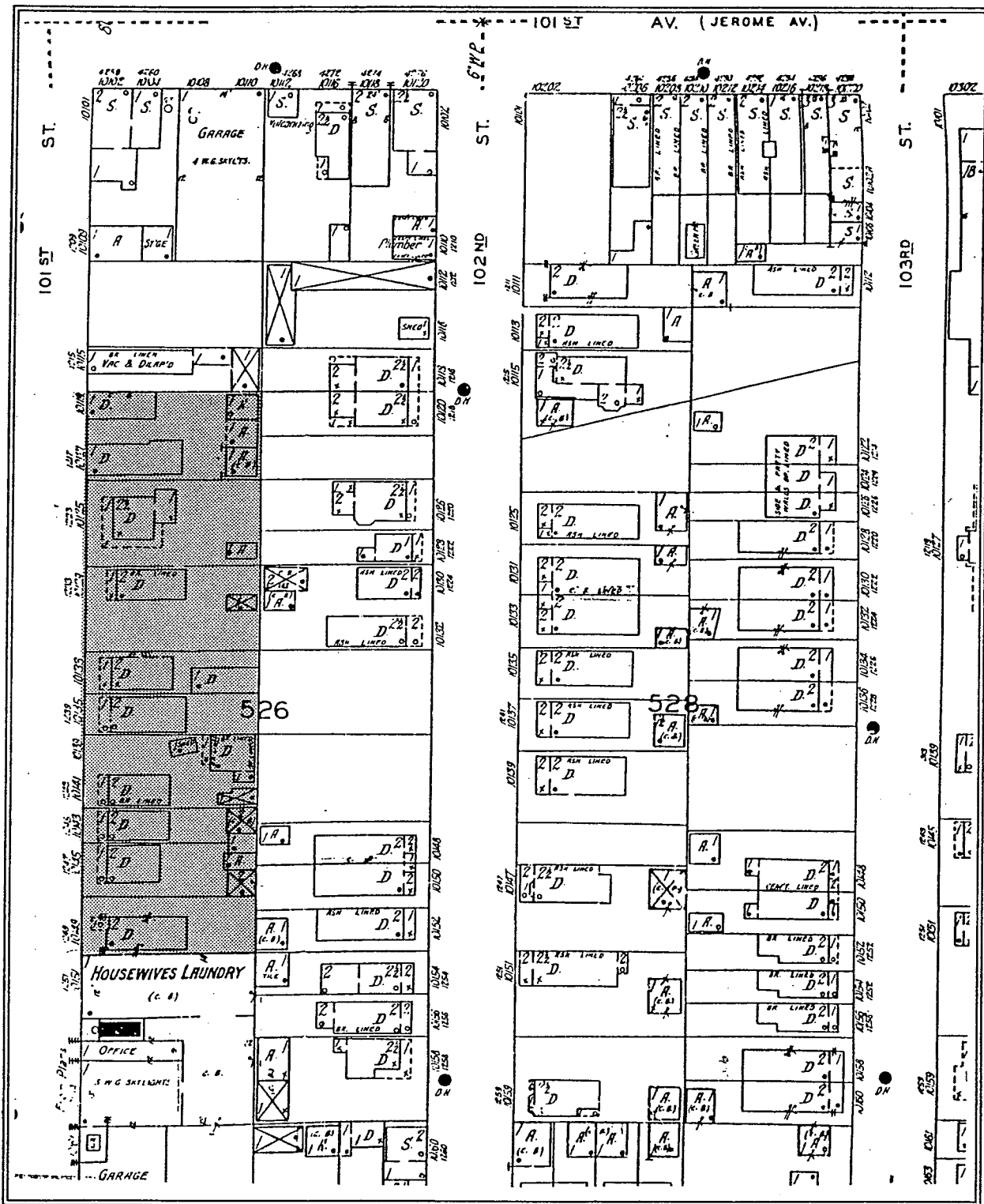
*Subject Property Location
USGS Topographic Map*

Figure 1



Subject Property Location
1981 Sanborn Atlas

Figure 2



Subject Property Location
1927 Sanborn Atlas

Figure 3

See Section III.E. for information on fuel oil storage tanks for the heating system.

B. Site History

Primary sources for the history of New York City sites include historical fire insurance/real estate atlases, as well as the records of the New York City Buildings Department concerning permits for new buildings, certificates of occupancy, alterations, demolitions, and other changes at the site.

Interviews are also conducted, when possible, with knowledgeable individuals and/or site contacts concerning past property uses.

i. N.Y.C. Buildings Department

The New York City Buildings Department has the following New Building applications (NB), records of major alterations (ALT), demolition (DEMO), Certificates of Occupancy (COs), and other records of additions and changes on file for the subject property:

<u>Year Completed</u>	<u>NB/ALT/CO No.</u>	<u>Structure/Use/Change</u>
1959	NB 4017/1958 CO Q132104	1-story, fireproof factory (currently Building 6)
1962	DEMO 118/1962	2-story dwelling at 101-37 101st Street (currently Building 5)
1962	DEMO 119/1962	2-story dwelling at 101-39 101st Street (currently Building 9)
1964	ALT 433/1961 CO Q156602	2-story, non-fireproof factory and office (known as Building 5)
1968	ALT 483/1967 CO Q173290	2-story, non-fireproof building (Building 9): cellar (equipment room), 1st floor (factory loading and unloading), 2nd floor (office and factory) and accessory parking for 35 cars

ii. Historical Atlases

The 1901, 1911, 1927, 1950, 1981, and 1994 Sanborn fire insurance/real estate atlases were reviewed (see Figures 2 and 3). These atlases are another source for the history of structures on the site, and may indicate property use and the presence of buried gasoline tanks.

(If atlases indicate buried tanks, this information is also discussed in Section III.E. and, for adjoining properties, Section III.K.).

The following table summarizes the contents of these atlases (see also Figures 2 and 3).

<u>Year</u>	<u>Structures</u>	<u>Use</u>
1901	two 2-story dwellings and vacant lots	residential homes and undeveloped land
1911	seven 2-story dwellings and vacant lots	residential homes and undeveloped land
1927 and 1950	ten 1- and 2-story dwellings (no vacant lots)	residential homes
1981	three current subject buildings and parking lots	machine shops and parking
1994	three current subject buildings and parking lots	manufacturing and parking

According to the 1981 and 1994 atlases, Building 6 was constructed in 1959 (101-17 101st Street), and Building 9 was constructed in 1968 (101-37 to 101-41 101st Street). No date of construction was indicated for Building 5 (101-21 101st Street). The address for the subject property's parking lot is 101-43 to 101-49 101st Street.

Information from Sanborn atlases concerning past adjoining land uses is described in Section III.K.i.

iii. Interviews

Mr. William Poedurgeil of Ozone Industries was interviewed about previous occupants, and history of the property. According to Mr. Poedurgeil, the three subject buildings and south parking lot were occupied until July or August 1995 as a machine shop, office area, and test laboratories for Ozone Industries. The property has been vacant for the past four months.

iv. Summary of History of Use

EEA's research into the history of site use indicates that the present structure (consisting of three attached buildings) was constructed in three stages. Building 6 was constructed in 1959 and Buildings 5 and 9 were added in 1964 and 1968, respectively. Prior to that, the subject property was occupied by residential homes.

Past on-site uses identified on the property within the time period investigated for this report (1901 to the present) include: residential homes and the current manufacturing buildings.

The past manufacturing operations (1959 through July 1995) were types of businesses/operations that stored, used, or produced significant quantities of toxic or hazardous materials and/or wastes: e.g., various machining oils and solvents in the production of hydraulics for aerospace and industrial markets.

Toxic and hazardous materials and wastes, and/or chemical products, involved in present operations on the subject property, are described in Sections III.D. and III.F.

C. Site Characteristics

i. Hydrogeology and Site Topography

Long Island (which includes Queens and Brooklyn) is comprised of a wedge-shaped mass of unconsolidated sand, gravel, silt, and clay, underlain by consolidated bedrock. The thickness of these unconsolidated glacial and deltaic deposits ranges from a few hundred feet in the northwestern sections to over 2,000 feet along the south shore barrier beaches.

These unconsolidated deposits constitute the groundwater reservoir. Essentially, three aquifers underlie the region: The Upper Glacial, Magothy, and Lloyd Aquifers. The Upper Glacial extends from the surface down to depths of up to 400 feet. This aquifer is used widely for water supply in areas of central and eastern Suffolk County. Nassau County and portions of southeastern Queens obtain the majority of their water supply from the Magothy Aquifer at depths of 600 to 1,200 feet. The Upper Glacial Aquifer, in Nassau County, is generally of degraded quality due to past/present sanitary and industrial waste disposal practices. The Lloyd Aquifer lies below the Magothy Aquifer and rests on the consolidated bedrock. Depths from land surface range from 200 feet, along the north shore, to over 1,800 feet along the south shore. The Lloyd Aquifer principally supplies water to the south shore barrier beach communities, where the Magothy Aquifer has become contaminated by salt water intrusion.

The water table on Long Island ranges from a few feet along the shorelines and stream/lake margins, to over 200 feet in central parts of the Island. Groundwater flow is principally towards these shorelines.

Site specific hydrogeology can only be determined through a specific program of drilling and core sampling to confirm groundwater depth, direction, and composition of soils. No such drilling program was undertaken as part of this Phase I ESA.

ii. Site Topography

The local topography is level.

iii. Site Drainage

a. Sanitary Sewage Discharge

Sanitary sewage is discharged to the municipal sewage system, and treated at one of New York City's 14 wastewater treatment plants. The buildings have been connected to this system since their construction between 1959-1968.

b. Interior and Exterior Drains

The buildings and property grounds were inspected for the presence of interior and exterior drainage structures (e.g., drywells, floor drains, machinery waste discharge connections, grates, trench or trough drains, etc.), which may provide routes of hazardous and toxic materials to surface soils, septic or sewer systems. (Lavatory fixtures are not included.) It should be noted that drainage structures in some areas (e.g., manufacturing) may have been covered by drums, pallets, machinery, loading vehicles, etc., and therefore, may not have been visible at the time of inspection.

One interior drain was observed in the second floor engineer's electrical/hydraulic and pump storage room in Building 5. According to Mr. Poedurgeil, the drain was installed in the event an 85-gallon aboveground stainless steel hydraulic tank, used to power engineers test equipment, ever leaked. The drain was piped to the first floor of Building 6, where any drained oil was collected in a 55-gallon drum (see Photo 3). The 85-gallon hydraulic oil tank was removed in July or August 1995.

In addition, a trap cover for a possible drainage structure was observed in the southwest corner of Building 9, adjacent to the former chemical storage/process area (see Photo 4).

Exterior drainage structures, consisting of one drywell and one long drainage trench, were observed along the west side of the south paved parking lot (see Photo 5).

iv. Sensitive Receptors

Sensitive receptors (include wetlands, surface waters, well fields, groundwater recharge basins) are identified for the immediate vicinity of the subject site. In the event of an incident involving the spill of a toxic or hazardous material at the subject site, more costly remedial actions may be required when sensitive receptors are present.

No surface waters, wetlands, drinking water well fields or groundwater recharge basins were observed on or adjacent to the subject property.

v. **Water Supply**

Drinking and service water is supplied to the site by the New York City municipal water supply system, which distributes water from upstate reservoirs.

D. **Toxic or Hazardous Materials, and/or Chemical Products**

Toxic or hazardous materials include every substance, material or waste listed in Federal regulations (40 CFR Part 116, 40 CFR Part 261, or 40 CFR Part 302) or in applicable New York State regulations (6 NYCRR Part 371 or 6 NYCRR Part 597).

i. **On-site Inventory**

No significant quantities of toxic or hazardous materials or chemical products have been used on the property since July 1995. Some stored materials from Ozone's operations from across the street were observed at the time of the inspection.

Following is a list of the toxic and hazardous materials, and/or chemical products, present at the site at the time of the inspection. This list is based on observations made at the time of the site inspection, and information provided to EEA by Mr. Poedurgeil.

<u>Chemical/Material</u>	<u>Quantity Present</u>
o <u>Building 6</u>	
First floor (northeast corner)	Nineteen 55-gallon drums of various waste oils and solvents
o <u>Building 5</u>	
Northwest corner	Two 55-gallon drums (kerosene and lubricating oil); one 30-gallon drum (lubricating oil) (see Photo 6)
Along the rear wall	Few gallons of lubricating oils and solvents
First floor center area	Six 55-gallon and one 30-gallon drum of various oils (some drums are only partially full)

o Building 9

Northwest corner	Three 5-foot cylinders of Anhydrous Ammonia (for the blueprint machines) and one acetylene tank and two oxygen tanks (for welding)
Southwest corner	One 55-gallon drum of waste cutting oil and one 55-gallon drum of way oil
South portion of exterior parking lot	Numerous liquified petroleum gas (LPG) canisters (to fuel forklifts) in a secured metal cage

According to Mr. Poedurgeil, the nineteen 55-gallon drums of waste oils and solvents, stored on pallets in the rear, northeast corner of Building 6, were generated by the adjacent Ozone facility at 101-32 101st Street and were awaiting removal by their waste hauler. The remaining materials appear to have been left after the building was vacated in July 1995.

ii. **Permits**

Currently, no special permits for the storage of toxic or hazardous materials or chemical products are required by this vacant operation. (Permits for bulk (tank) storage of petroleum products, and of toxic or hazardous wastes, if any, are discussed in Sections III.E. and III.F., respectively).

However, a New York City Department of Environmental Protection (NYCDEP) permit was observed on a notice board on the second floor of Building 5. According to this work permit #PA037273R, the facility utilized a pollution control device to exhaust and control coolant oil emissions. The exhaust system utilized one 600 cfm used to collect exhaust from eight automatic lathe oil-cooled machines. Since very few machines are left in this vacant building, presumably this pollution control system is no longer in use. The permit expires on 11/28/96.

E. **Petroleum and Chemical Storage Tanks**

i. **Description and Location of Tanks**

According to the 1987 Storage Tank Assessment report by Fred C. Hart Associates, Inc., there were three storage tanks on this property. Information pertaining to size, age, construction, and storage content, was obtained from the Fred C. Hart report and is presented in the following table:

<u>Building No.</u>	<u>Tank No.</u>	<u>Tank size</u>	<u>Construction</u>	<u>Previous Content</u>	<u>Belowground</u>
6	2	2,500 gallons	steel	fuel oil	belowground (inside the building)
9	3	2,500 gallons	steel	fuel oil	belowground (inside the building)
9	9	1,080 gallons	steel	trichloroethylene	belowground (inside the building)

According to Mr. Poedurgeil, all three tanks were properly closed in late December 1987. No closure documentation was made available. However, an invoice from Petroleum Tank Cleaners, Inc. of Brooklyn, New York (1/6/88) was provided. This invoice stated that five tanks (three on the subject site) were properly sealed (pumped out and squeezed clean and filled with sand) in accordance with all NYSDEC, USEPA, and NYCFD regulations.

According to Mr. Poedurgeil, the sealed fuel oil tank (No. 3 in Building 9) was removed in the early 1990s, when the foundation for a new machine had to be excavated in the area of the tank. This machine has since been removed from the vacant building, and all that remains is a large patch of concrete poured to fill in the machine's foundation to ground level. No evidence of this tank's fillport or ventline was observed, but the tank's petrometer (level indicator) was observed on the rear (east) wall (see Photo 7).

The fillport and vent areas for tanks 2 and 9 (sealed fuel oil and solvent tanks) were examined for signs of staining, which may indicate past spills from overfilling. No significant staining was observed around tank 2 (see Photo 9). However, some indication of past staining was noted on the brick wall extending a few feet from the solvent tank fillport (see Photo 8). These tanks have been inactive since they were reportedly properly sealed in December 1987. The subject buildings have been heated by gas-fired systems since 1988.

The two fillports noted outside Building 6 for fuel oil tank No. 2 (see Photo 9) may indicate a previous line leak and replacement.

ii. Tank Permits

a. New York City Fire Department

A New York City Fire Department (NYCFD) permit is required for the bulk storage of fuel oil (NYC Fire Prevention Code Article 8, paragraph C19-50.0).

NYCFD has no current records for the subject property (see Section III.L.iii.).

b. New York State Department of Environmental Conservation

Registration of all storage tanks with the New York State Department of Environmental Conservation (NYSDEC), Bulk Storage Unit, is required under the NYS Environmental Conservation Law, 6 NYCRR Part 612, when the total combined petroleum storage capacity at a facility exceeds 1,100 gallons.

The property is listed on the PBS database for facilities with greater than 1,100 gallons storage of petroleum. According to this database all nine tanks on the PBS database at the Ozone facility (including the three tanks on the subject property) have been closed out (see Section III.L.ii.f.). The new trichloroethylene tank is listed under the CBS database (see Section II.L.iii.g.).

iii. Tank Tightness Testing

The tanks on the subject property were required to be tightness tested according to NYSDEC bulk storage regulations (6 NYCRR Parts 612 - 614) on the tenth anniversary of the year they were installed and every five years thereafter.

According to the storage tank assessment report by Fred C. Hart Associates, two of the three tanks (Nos. 2 and 9) were integrity tested using the PetroTite method by Environmental Systems and Services (ESS) of Bloomfield, New Jersey in September, 1987. A system leak was identified in both of these on-site tanks (Nos. 2 and 9). The NYSDEC was immediately notified of these findings (e.g., spill numbers were assigned to these tanks due to the system leaks).

Hart recommended retests for both tanks. PETCO performed the additional tests using the Tank Auditor method. Using this second method, the system leak was confirmed in tank #2 (fuel oil), although it could not be determined if the system leak was due to the tank's piping system. The Tank Auditor method performed by PETCO on tank #9 (trichloroethylene) indicated that the tank and piping system were tight, contradicting the earlier Petrotite test results which indicated a systems leak in this tank. Ozone Industries had emptied the contents (trichloroethylene) of this tank into another tank (located off-site), after the initial, failing test.

The third tank on the subject property (tank No. 3) was originally not tested by ESS in September, 1987, since its location could not be determined. PETCO subsequently located this 2,500-gallon fuel oil tank and tested it using the Tank Auditor method. According to these results, the test indicated that the tank was tight; however, a system leak was detected in the standpipe, belowgrade.

Apparently, NYSDEC was not contacted regarding this system leak (as is required by law), and therefore no spill number was assigned to this tank.

F. Waste Products and Waste Disposal

i. Toxic and Hazardous Wastes

Toxic or hazardous wastes include wastes identified or listed in the Solid Waste Disposal Act of 1980 (42 USC Section 6903, 42 USC Section 6921).

No significant quantities of toxic or hazardous wastes are currently generated in the three vacant subject buildings. The business previously on the property (Ozone Industries) is listed by the USEPA as a large quantity RCRA hazardous waste generator (see Sections III.L.i.c. and III.L.i.d.).

According to this federal database, waste materials produced by past operations at the subject facility included:

<u>Waste</u>	<u>Waste Amount</u>	<u>Year Generated</u>
Chromium	55 gallons	1/94-6/94
Spent halogenated degreasing solvents	220 gallons	1/94-6/94
Solid waste (corrosive)	110 gallons	1993
Solid waste (reactive)	25 pounds	1993
Solid waste (ignitable)	165 pounds	1992
Methanol	5 gallons	1992

These wastes have been disposed of via a licensed waste handler, Cycle Chem of Elizabeth, New Jersey for many years. Wastes generated at the three subject buildings were removed with wastes generated at the other Ozone facility buildings. No segregation of wastes or separate waste manifests (by buildings) was done. Therefore, it should be noted that the above-mentioned amounts of waste generated is for all of Ozone Industries (including the adjacent group of buildings at 101-32 101st Street) and is not just from the three subject buildings.

ii. Industrial Wastewater Discharge

No indications of industrial (non-sanitary) wastewater discharge (from the vacant subject building and/or the exterior parking/storage areas) into the municipal sewer system were observed at the time of the site inspection.

iii. Underground Injection Wells

Underground injection wells include drainage structures that discharge directly to soils, groundwater, septic systems, drywells, etc. Typical examples include drains in auto repair bays, floor drains not hooked up to the sewer system, etc.

Under the Safe Drinking Water Act (42 USC Sections 1421, 1422, as implemented by the regulations at 40 CFR Part 144), the U.S. Environmental Protection Agency (USEPA) administers the Underground Injection Control Program, which regulates all classes of injection wells. Such wells have the potential to contaminate soils and groundwater from surface run-off or disposal of toxic or hazardous substances, and as such may require a permit from, or be prohibited by, the USEPA and local agencies.

The drywell and trench drain in the south parking lot may be subject to federal permitting/closure requirements as underground injection wells.

The USEPA Office, Region II should be contacted to obtain permit and/or closure information for any such injection wells on the property (212-264-5124).

iv. Air Emissions

Based on information provided to EEA by Mr. Poedurgeil and observations made during the site visit, operations in the vacant subject buildings do not currently appear to result in air emissions of significant amounts of toxic or hazardous materials, or in air emissions required to be permitted or treated with pollution control devices (excluding boiler emissions).

As previously discussed, a valid NYCDEP work permit (#PA037273R) for the pollution control exhaust system on the facility's eight oil-cooled automatic lathes was noted on the second floor of Building 5.

G. Property Housekeeping

i. Interior Housekeeping

Localized areas of oil-staining, used Speedi-dry and metal shavings, were observed in the vacant manufacturing areas of the buildings. However, given the nature of the buildings' use (machine shops for approximately 25-35 years), interior housekeeping in the facility was reasonably acceptable. Large and small areas of patched concrete, indicating the refurbishing the concrete slab after the removal of the facility's machines, were observed in the first floor manufacturing area.

ii. Exterior Housekeeping

The exterior area of the property (e.g., south paved and fenced parking lot) was generally well maintained and clear of debris. No exterior storage of toxic or hazardous materials was observed. The facility's LPG cylinders for their forklifts were stored in an exterior locked cage, as required by NYCDF regulations.

One drywell and one trench drain was observed in the northwest portion of the parking lot. Oil-stained pavement was observed around these drains.

H. Asbestos-Containing Materials and Lead-based Paint

i. Asbestos

a. Definitions

According to New York City regulations, friable types of asbestos, i.e., ACM that can be crushed, crumbled or pulverized using hand or mechanical pressure, are hazardous when in a deteriorating condition. It should be noted that the New York City definition of friable differs from the USEPA definition.

The definition of friable under USEPA's Asbestos Hazardous Emergency Response Act (AHERA) regulations defines friable ACM as ACM that can be crushed, crumbled, or pulverized using hand pressure only. Mechanical pressure is not identified in AHERA's definition, so materials containing asbestos fibers embedded in a cement or glue-like matrix (i.e., vinyl asbestos tiles [VATs], linoleum, roofing materials, transite) are not typically considered friable, unless in a damaged state where fiber release by hand pressure is possible.

However, for the purpose of New York City regulations, such materials would be considered friable, since they could be crushed or pulverized using mechanical means. It should be noted that such materials are not considered hazardous under normal conditions of use, unless severely damaged or in a badly deteriorated state, or unless the material is cut, drilled, sanded or otherwise broken up during construction or renovation.

Suspected ACM is divided into the following types: thermal system insulation materials, surfacing materials, and miscellaneous materials.

In New York City, ACM repair, removal, and disposal is required to be undertaken in accordance with the rules and regulations of the New York City Asbestos Control Program, as promulgated under Title 15, Rules of the City of New York, Chapter 1 (15 RCNY 1), as well as applicable federal and state regulations.

b. Scope of Visual Asbestos Survey

As part of EEA's Phase I site visit, a visual survey was undertaken to identify certain friable and non-friable materials (AHERA definition) which may contain asbestos. No sampling or laboratory analysis of suspected ACM was undertaken as part of EEA's Phase I ESA.

Accessible areas of the subject structure were examined for the possible presence of certain types of visible and accessible suspected asbestos-containing materials (SACM).

Accessible areas include those areas of the site made available by the site contact on the date of the inspection (i.e., unlocked areas which are deemed safe and which building occupants have allowed access into), and spot checks in/above easily accessible pipe chase and suspended ceilings. Specifically, the following types of materials were checked for: thermal system insulation (TSI) such as aircell pipe wrap, boiler insulation and breaching, hot water/expansion tank insulation, castable elbow packing, magnesia block insulation, etc.; surfacing materials, limited to friable materials such as spray-on fire proofing and sound proofing, etc.; miscellaneous materials, such as ceiling tiles, floor tiles, mastic, vibration reducers, linoleum, transite board, exterior transite shingles, and roofing materials, etc.

c. Findings of EEA's Visual Asbestos Survey

This section describes the findings of EEA's limited visual survey conducted during the November 27, 1995 site inspection, and is not to be used as a complete asbestos inspection, which would be required prior to renovation, construction or demolition activities, according to New York City Regulations (15 RCNY 1).

During EEA's site inspection, several friable types of suspected asbestos-containing building materials (and non-friable flooring materials which may contain asbestos) were noted. These materials include:

Building 5

- o 9" x 9" green floor tiles (and their mastic) in good to fair condition located in the second floor office area. Approximately 265 feet of these materials were observed.
- o 2' x 4' ceiling tiles in good to fair condition in the second floor conference room. Approximately 576 square feet of material was observed.
- o 1' x 1' brown floor tiles (and their mastic) in good to fair condition located in the first and second floor stairway landings between Buildings 5 and 9. Approximately 64 square feet of these materials were observed.
- o Approximately 20 linear feet of pipe wrap in fair to poor condition in the manufacturing area.

Building 9

- o 1' x 1' gray floor tiles (and their mastic) in good condition located in the second floor office space. Approximately 4,900 square feet of these material were observed.

- o 2' x 4' ceiling tiles in good to fair condition located in the second floor office space. Approximately 4,900 square feet of material was observed.
- o Approximately 85 linear feet of pipe wrap in fair to poor condition in the first floor manufacturing area (see Photo 10).

Building 6

- o Approximately 10 linear feet of pipe wrap in fair to poor condition in the first floor manufacturing area.
- o 1' x 1' beige floor tiles (and their mastic) in fair to poor condition in the rear manufacturing area. Approximately 450 square feet of these material were observed.

Exterior caulks and roofing materials and interior and exterior mastics (glues) may also have been manufactured with asbestos. Mastic is typically used to fasten flooring materials and runners, and is occasionally used to secure ceiling tiles (when glued to ceilings).

Materials which are typically considered non-friable can become friable if they suffer damage. The damaged sections of "non-friable" materials should then be treated as friable.

The above-mentioned list is only a general inventory of typically friable materials (and non-friable flooring materials), which are known to have been manufactured with asbestos in the past. If confirmation of the presence or absence of asbestos content in the materials mentioned above (as well as other materials, i.e., typically non-friable miscellaneous or surfacing materials) is required, or should demolition or renovation activities affecting these materials be planned, a full asbestos inspection with sampling and laboratory analysis should be undertaken. Removal and disposal of ACM must be undertaken in accordance with the New York City Asbestos Control Program (Title 15, Rules of the City of New York, Chapter 1), and all applicable federal and state guidelines.

ii. Lead-based Paint

Consumer sale of lead-based paint (containing over .06 percent metallic lead) was banned by the U.S. Consumer Products Safety Commission in 1977. Given the age of the buildings, it is likely that they contain lead-based paint.

Lead-based paint is hazardous when in a deteriorating condition (i.e., chipped, broken, crumbling, pulverized); lead is toxic to humans, and particularly to children, if ingested, inhaled, or otherwise absorbed. Lead-based paint debris from renovation and demolition activities may be required to be disposed of as hazardous waste.

I. Polychlorinated Biphenyls (PCBs)

Prior to 1979, PCBs were widely used in electrical equipment such as transformers, capacitors, switches, and voltage regulators for their cooling properties. The manufacture, processing, commercial distribution, and use (except in a "totally enclosed manner") of PCBs was banned in 1979, under the Toxic Substances Control Act (40 CFR Part 761). PCB spills are subject to strict reporting, clean-up and disposal requirements, due to the toxicity of the substance, and its threat to human health and the environment.

i. PCB-Containing Transformers

The U.S. Environmental Protection Agency (USEPA) classifies transformers in three categories: Non-PCB Transformers, which contain less than 50 parts per million (ppm) PCBs, PCB-Contaminated Transformers, which contain 50 to 500 ppm PCBs, and PCB Transformers, which contain more than 500 ppm PCBs. Transformers whose PCB concentration is unknown are assumed to be PCB-Contaminated.

Consolidated Edison transformers were observed in vaults under the sidewalks, adjacent to the subject Buildings 6 and 9, at the northwest and southwest ends of the property. The property and adjacent properties are not listed on the PCB Activity Database System of PCB generators, transporters, storage and disposal sites (see Section III.L.i.e.).

According to Mr. Robert Keegan of Consolidated Edison's Environmental Affairs Division, all transformers owned by Con Ed meet federal requirements for PCB concentrations, and do not exceed 500 parts per million of PCBs.

ii. PCBs in Fluorescent Light Ballasts

Before USEPA banned the manufacture of PCBs in 1979, PCBs were used in the small capacitors of fluorescent light ballasts. All light ballasts manufactured since 1979 should be marked by the manufacturer with the statement "No PCBs". Ballasts that were manufactured prior to 1979, or that contain no statement concerning PCB content, should be assumed to contain PCBs.

Fluorescent lights were observed in the subject building. It is possible that the small capacitors in the ballasts of these fluorescent lights contain PCBs.

None of the fluorescent light ballasts that were visually inspected during the site visit were observed to be leaking.

If any fluorescent light ballasts are noted to be leaking in the future, they should be carefully cleaned up, avoiding personal exposure, and following U.S. Environmental Protection Agency (USEPA) guidelines. All contaminated materials (ballasts, rags, clothing, rags, gloves,

etc.) should be wrapped in newspapers, placed in a double-thickness plastic bag, and disposed of by a licensed waste transporter (to a USEPA-approved site).

Intact and non-leaking PCB small capacitors (in fluorescent light ballasts) can be disposed of in small quantities in municipal landfills. The New York State Department of Environmental Conservation, Hazardous Waste Division, Region II (718-482-4995) can be consulted to determine reasonable quantities for such disposal. However, any manufacturer of PCB capacitors or equipment would have to dispose of such equipment in a TSCA-approved incinerator.

J. Radon

Radon, a naturally occurring radioactive gas, is the product of the decay of radium. It is found most frequently in relatively high concentrations in rock formations containing uranium, granite, shale, phosphate, and pitchblende. Radon may also be found in soils contaminated with industrial waste from uranium and phosphate mining. Radon as a gas can move through the soil and water, and into the atmosphere, and is a potential health concern if confined in sufficiently high concentrations in indoor environments. The U.S. Environmental Protection Agency (USEPA) has set an "action level" of 4.0 picocuries per liter for continuous long term exposure to radon gas. If radon gas is measured above this level, USEPA suggests follow-up testing and remediation measures.

According to data compiled by the Bureau of Radiation Protection, New York State Department of Health, New York City has one of the lowest average levels of basement radon measurements in New York State. The latest December 1994 statistics indicate an average of 1.4 picocuries/liter for New York City (an average of the five counties), compared to a statewide average of 5.6.

Based on these low average levels for New York City, it is unlikely that radon gas levels within the subject building exceed the USEPA action level of 4.0 picocuries per liter, and therefore basement radon testing is typically not recommended. However, if specific readings of radon gas levels within a particular building are needed, testing for continuous radon gas levels would be necessary.

K. Neighborhood Land Use

Information on past land uses surrounding the subject property were obtained from historical atlases. Present nearby land uses (within a general 500-foot radius of the subject property) were visually surveyed at the time of the site inspection.

Properties identified within one-mile of the subject property by regulatory agencies as hazardous waste sites or facilities are identified in Section III.L.

i. Past Neighborhood Land Use

Sanborn historical atlases were reviewed for information concerning past adjoining and nearby land use.

According to the 1901 and 1911 atlases, surrounding land uses were residential or vacant land, with the exception of Reimer and Sons Coal (with railroad spur) to the west of the subject property.

According to the 1927 atlas, further development of the vacant lots with residential homes was noted, and the Reimer and Sons site was further developed and replaced by the Rubel Coal and Ice Corporation (with railroad spur).

According to the 1950 atlas, the Rubel Coal and Ice Corporation was replaced by Ozone Metal Products Corporation, which added a few buildings to the existing complex and removed the railroad spur. The other adjacent uses were residential dwellings with an occasional undeveloped lot.

According to the 1981 and 1994 atlases, Ozone Metal Products Corporation had undertaken additional renovations to the existing buildings and had added a parking lot and overhead passageway (over 101st Street). The area still consisted of residential homes and occasional undeveloped lots; however, additional commercial and industrial uses (i.e., machine shops, welding operations and auto repairs, auto collision, bus maintenance yards, etc.) are indicated.

ii. Present Neighborhood Land Use

The following adjoining land uses were observed at the time of the site inspection:

<u>Area</u>	<u>Business or Use</u>
North and East	Residential uses
South	Diaper Laundry Service
West	Ozone Industries

The New York City land use map (N.Y.C. Department of City Planning, 1988), which identifies general classifications of land uses for the area, indicates that the neighborhood within a 1/4-mile radius of the property has a mix of industrial, commercial/retail, and residential uses. The subject site is indicated as heavy industrial and parking uses (see Figure 4).



*Subject Property Location
New York City Land Use Map (1988)*

Figure 4

LAND USE - 1988

OPEN LAND USES

<p>1 VACANT LAND</p> <p>1-A USED AUTOMOBILE LOT</p> <p>1-F FARM</p> <p>1-J LICENSED JUNK YARDS</p>	<p>1-P ACCESSORY PARKING LOT</p> <p>1-P LICENSED PARKING LOT</p> <p>2 PARK & OUTDOOR RECREATION</p>
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RESIDENTIAL USES



<p>3 ONE FAMILY DETACHED</p> <p>4 ONE FAMILY ATTACHED</p> <p>-H HOTEL - SHOWN WITH "6" OR "7"</p>	<p>5 TWO FAMILY</p> <p>6 WALK-UP MULTIPLE</p>	<p>7 ELEVATOR MULTIPLE</p> <p> GROUND FLOOR RETAIL</p>
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NON-RESIDENTIAL USES

<p>8 COMMERCIAL & RETAIL</p> <p>8-O OFFICE</p> <p>13 TRANSPORTATION</p>	<p>9 LIGHT INDUSTRY</p> <p>9-W WAREHOUSE & STORAGE YARD</p> <p>12 PUBLIC & PRIVATE INSTITUTIONS</p>	<p>10 AUTOMOTIVE STORAGE & SERVICE</p> <p>11 HEAVY INDUSTRY</p> <p>7-10 PREDOMINANT USE IS FOLLOWED BY SUBORDINATE USES</p>
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<p>12-HM MUNICIPAL HOSPITALS</p> <p>1-H STATE OR FEDERAL HOSPITALS</p> <p>12-P PUBLIC SCHOOLS</p>	<p>12-HV VOLUNTARY HOSPITALS</p> <p>12-HP PROPRIETARY HOSPITALS</p> <p>12-NP PRIVATE & PAROCHIAL SCHOOLS</p>
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RAPID TRANSIT LINES:

	SUBWAY OR IN OPEN CUT
	AT GRADE
	ELEVATED OR ON EMBANKMENT
	EXPRESS STATION
	LOCAL STATION

375		TAX BLOCK NUMBER
		STREETS LEGALLY OR TENTATIVELY ADOPTED
		OTHER STREETS IN USE OR AS SHOWN ON FILED SUBDIVISION MAPS
		GENERAL LOCATION OF PROJECTED ARTERIAL HIGHWAYS

Land Use Map Key New York City - 1988

L. Regulatory Records and Databases

Sites identified by federal and state regulatory agencies as known or suspected hazardous waste sites or facilities (e.g., Superfund, CERCLIS, Inactive Hazardous Waste Disposal sites, RCRA Treatment/Storage/Disposal [TSDF] Facilities, Major Oil Storage Facilities, etc.) are listed for a one-mile radius of the subject property (see Figure 5). In addition, other documented sites or incidents that have the potential to contribute to groundwater contamination (such as active and inactive landfills, SPDES permittees, RCRA Hazardous Waste Handlers, NYSDEC Spill Logs, PCB [PADS] generators, transporters, storage sites, ERNS incidents, FINDS facilities, gasoline stations, etc.) are also identified for the general vicinity of the site. These documented sites and incidents are listed in the following section for descriptive purposes. Their inclusion does not necessarily suggest any potential impacts to the subject property, but provides an indication of the potential for general groundwater and soil contamination in the larger area.

All database information is obtained directly by EEA for the appropriate regulatory agencies with the following exceptions: NYSDEC Spill Logs and RCRA Hazardous Waste Handlers, which are searched by Toxics Targeting, Inc.

Local groundwater flow direction in the vicinity of the property cannot be determined without specific groundwater investigations. No definitive assessment of the potential for property groundwater contamination from documented hazardous waste sites, gasoline dispensing facilities, and spill incidents, etc. in the area can be made without testing.

i. U.S. Environmental Protection Agency

a. Superfund Sites

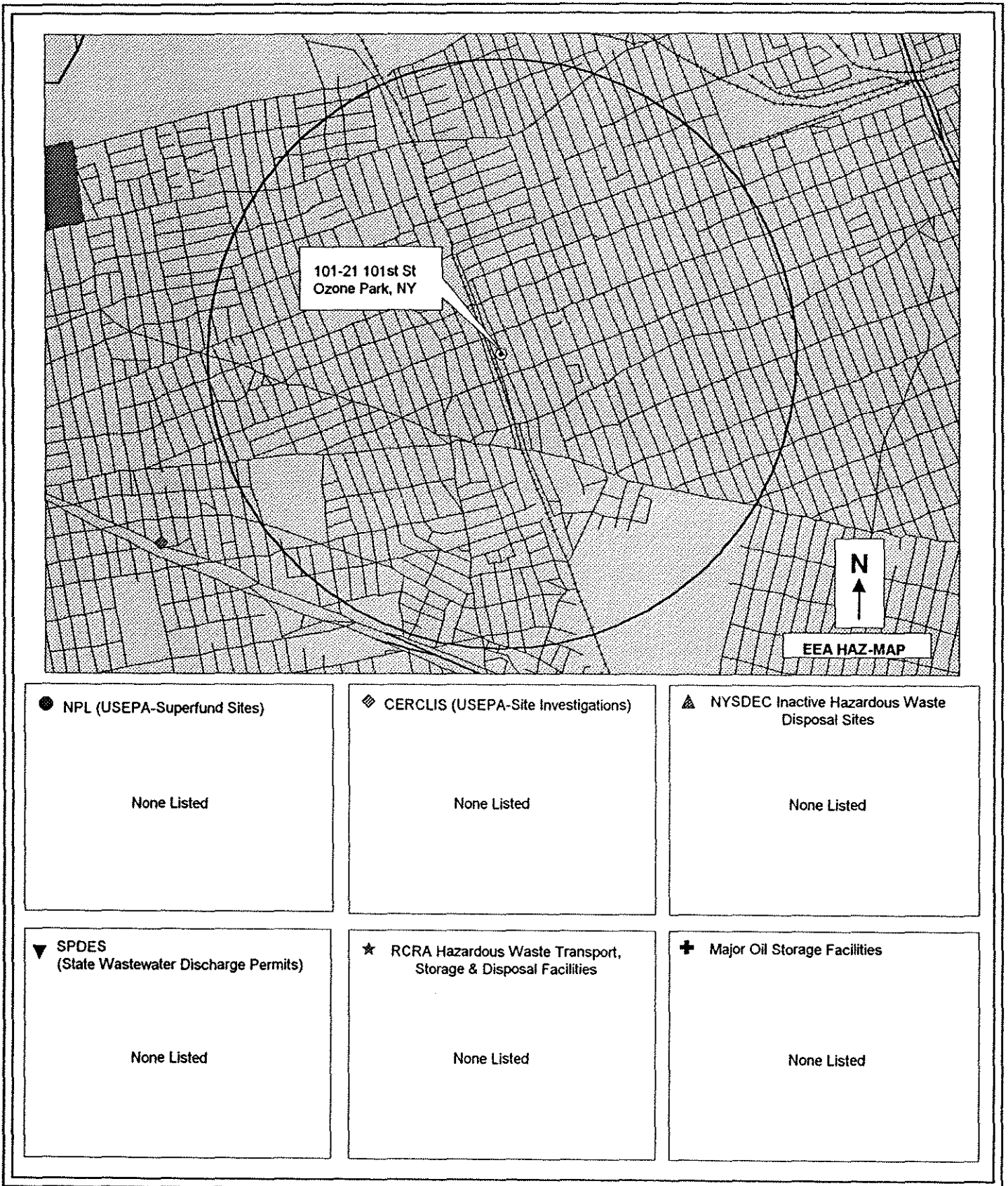
A check was made of the U.S. Environmental Protection Agency's (USEPA) National Priorities List of Superfund hazardous waste sites (May 1995 listings) which fall under CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act of 1980) and SARA (Superfund Amendments and Reauthorization Act of 1986).

The subject property is not on the list.

No Superfund sites are listed within approximately one-mile of the subject property.

b. CERCLIS Sites

A check was made of the USEPA's CERCLA Information System (CERCLIS, May 1995 listings), USEPA's comprehensive database and management system that inventories and tracks sites addressed or needing to be addressed by the Superfund program. Sites that USEPA decides do not warrant further evaluation are given a "No Further Action" (NFA) designation, but are not removed from the database. USEPA's NFA designation does not necessarily indicate that



Selected Lists of USEPA and NYSDEC Sites Within a One-Mile Radius of the Subject Property

Figure 5

there is no hazard associated with a given site, only that, based on available information, USEPA does not plan further action under CERCLA.

The subject property is not on the list.

No CERCLIS sites are located within approximately one-mile of the subject property.

c. RCRA Treatment/Storage/Disposal Facilities

A check was made of the U.S. Environmental Protection Agency's USEPA's RCRA Treatment/Storage/Disposal Facilities (TSDF) report (August 1995 listings). This report lists facilities that transport, treat, store and/or dispose of hazardous wastes, or have engaged in these activities in the past. TSDF operators, as with hazardous waste transporters and generators, are regulated under the Resource Conservation and Recovery Act (RCRA).

The subject property is not listed the RCRA TSDF report.

There are no facilities listed in the RCRA TSDF report within an approximate one-mile radius of the subject property.

d. RCRA Hazardous Waste Handlers

RCRA Hazardous Waste Handlers (which include waste generators and transporters are regulated by the federal government under the Resource Conservation and Recovery Act (RCRA). The USEPA List of RCRA Hazardous Waste Handlers was checked by Toxics Targeting, Inc. for the subject property and adjoining businesses, as well as for facilities within an approximate 1/4-mile radius of the site. An inventory of hazardous waste handlers is useful to assess the kinds of hazardous materials in the vicinity of the site, as well as on the subject property. It should be noted that the presence of hazardous waste generators or transporters in the neighborhood does not necessarily imply risk of contamination to the subject property.

Ozone Industries (subject and adjacent business) is listed as a large quantity generator (Facility ID NYD044689818) (see Section III.F.i.).

Seven additional hazardous waste handlers were identified by Toxics Targeting within an approximate 1/4-mile radius of the subject site (see Appendix D).

e. PCB Activity Database System

A check was made of the U.S. Environmental Protection Agency's PCB Activity Database System (PADS, February 1995 listings). This database lists PCB generators, storers, transporters and permitted disposers that have registered with the Pesticides and Toxic Substances Branch of the USEPA.

The subject property is not on this list. No adjoining properties or facilities are listed in the PADS database.

f. Emergency Response Notification System

A check was made of the most recent USEPA's Emergency Response Notification System (ERNS) database, which is a list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, from 1986 to the present.

There were no reported ERNS releases or spills listed on the subject property.

ii. N.Y.S. Department of Environmental Conservation

a. Freedom of Information Law Request

A Freedom of Information Law (FOIL) request was sent to the New York State Department of Environmental Conservation (NYSDEC), Region 2, for information concerning hazardous materials regulation and remediation, petroleum bulk storage, and related issues on the subject property (e.g., the two on-site 1987 spills from the tank tightness test failures) (see Section III.E.iii.).

b. Inactive Hazardous Waste Disposal Sites

A check was made of the latest lists of NYSDEC Inactive Hazardous Waste Disposal Sites (April 1995 Annual Report and Quarterly Updates).

The subject property is not on this list. No NYSDEC Inactive Hazardous Waste Disposal Sites are listed within approximately one-mile of the subject property.

c. Spill Logs

The most recent (March 1995) NYSDEC spill logs database for Region 2 were reviewed by Toxics Targeting for spill incidents within an approximate 1/2-mile of the site. Two spills were listed on the subject property:

<u>Spill #</u>	<u>Date</u>	<u>Location</u>	<u>Material</u>	<u>Cause</u>	<u>Status</u>
8704877	9/10/87	101-32 101st St.	#2 fuel oil	tank test failure	unknown
8704883	9/11/87	101-32 101st St.	trichloroethylene	tank test failure	unknown

Although clean up dates for both spills (10/7/92 for Spill #8704883 and 11/4/93 for Spill #8704844) were indicated, it could not be determined from available information why the status of both spills were listed as unknown instead of "cleaned up."

EEA has filed a Freedom of Information Law (FOIL) request with NYSDEC to determine the specific status on these spills, but no response has been received to date.

In addition, another 31 NYSDEC spill incidents were identified by Toxics Targeting within an approximate 1/2-mile radius of the subject property (see Appendix D).

Spills listed as tank test failures indicate the possibility of oil or gasoline seepage to the surrounding soils or groundwater. Other spills (i.e., accidents, sloppy housekeeping, equipment failures, etc.) may only affect surface soils. It should be noted that 21 of the 33 reported incidents have been cleaned up by NYSDEC; the remaining ten incidents are either still under remediation or pending final NYSDEC paperwork for file closure (eight incidents) or their status is unknown (four incidents, including the two on-site incidents).

d. Significant SPDES Facilities

Facilities with SPDES (State Pollutant Discharge Elimination System) permits must submit routine monitoring reports to the government, and are subject to regulatory review and compliance with discharge limits established by the NYSDEC and USEPA. SPDES permittees discharge to cesspools and/or local water bodies, and thus, may affect the quality of the groundwater and/or nearby waters.

A check was made of the NYSDEC database (January 1995) of "significant SPDES facilities" (approximately 1,700 of a total of 8,600 SPDES permittees statewide). The facilities excluded from the NYSDEC list do not require regulation or a discharge monitoring report due to their small size (typically these involve sanitary wastewater discharges only).

The subject property is not on this list.

There are no significant SPDES facilities listed within approximately one-mile of the subject property.

e. Toxic Release Inventory System (TRIS)

A check was made of the most recent NYSDEC Toxic Release Inventory System (TRIS) database (1988 to 1993). The TRIS database includes all facilities which use toxic chemicals

in reportable quantities under SARA (Superfund Amendments and Reauthorization Act of 1986), Title III, Section 313 and their releases of such chemicals to the air, water, and land.

The subject property and adjoining properties are not on the list.

f. Petroleum Bulk Storage Facilities

A check was made of the most recent NYSDEC Petroleum Bulk Storage (PBS) database (February 1995). Petroleum bulk storage facilities have petroleum storage capacities in excess of eleven hundred (1,100) gallons, and less than four hundred thousand (400,000) gallons.

The subject property and the adjacent property at Ozone Industries is on this list: PBS #2-348135, total capacity stored: 11,900 gallons, total number of tanks: 9. This includes the three tanks at the subject property.

The following table describing the PBS information was provided by Toxics Targeting (see Appendix D):

<u>Tank No.</u>	<u>Tank Status</u>	<u>Content</u>	<u>Total Capacity Stored (gallons)</u>	<u>Tank Location</u>	<u>Installation Date</u>
1	closed-in place	#1, 2 or 4 fuel oil	2,000	underground	12/57
2*	closed before 4/91	#1, 2 or 4 fuel oil	2,000	underground	12/57
3*	closed before 4/91	#1, 2 or 4 fuel oil	2,500	underground	12/67
5	closed before 4/91	#1, 2 or 4 fuel oil	1,080	underground	12/68
6	closed before 4/91	#1, 2 or 4 fuel oil	1,080	underground	12/30
7	closed before 4/91	#1, 2 or 4 fuel oil	1,080	underground	12/68
8	closed before 4/91	#1, 2 or 4 fuel oil	1,080	underground	12/57
9*	closed before 4/91	trichlorethylene	1,080	underground	12/67

* indicates on-site tanks

g. Chemical Bulk Storage Facilities

A check was made of the most recent NYSDEC Chemical Bulk Storage (CBS) database (January 1995). Chemical bulk storage facilities store regulated hazardous substances in aboveground tanks with capacities of one hundred eighty-five (185) gallons or greater, and/or in underground tanks of any size.

Ozone Industries, at 101-32 101st Street, is on the list: one 2,000-gallons tank, trichloroethylene, CBS ID # 2-000073. This is apparently the tank located at the adjacent facility that now stores the solvent used by Ozone Industries.

h. Major Oil Storage Facilities

A check was made of the most recent NYSDEC Major Oil Storage Facilities (MOSF) database (January 1995), which lists all facilities (onshore facilities or vessels) with petroleum storage capacities of 400,000 gallons or greater.

The subject property is not on this list. There are no MOSF facilities listed within an approximate one-mile radius of the subject property.

i. Permitted Hazardous/Industrial Waste Transporters

A check was made of the most recent list of NYSDEC Permitted Hazardous/Industrial Waste Transporters (Pursuant to 6 NYCRR Part 364) (August 10, 1995). This list includes the types of waste transported by the permitted facility and the TSDF (Treatment Storage and Disposal Facility) to which each waste is transported.

The subject property and adjoining properties are not on this list.

iii. N.Y.C. Fire Department

A New York City Fire Department (NYCFD) records search was undertaken for the subject property to determine if there are any files for petroleum storage tanks (buried or aboveground) at the subject site. NYCFD records were checked for fuel oil, diesel, gasoline, waste oil, etc.

NYCFD has no current records of any petroleum storage tanks at the subject site.

iv. N.Y.C. Department of Environmental Protection

A Freedom of Information Law (FOIL) request was sent to the NYC Department of Environmental Protection (NYCDEP) for information concerning this property.

No response has been received to date from NYCDEP.

v. N.Y.C. Department of Sanitation

The following inactive landfills are located in New York City: Pelham Bay, Bronx; Pennsylvania and Fountain Avenues, Brooklyn; Edgemere Avenue, Queens; and Brookfield Avenue, Staten Island. Only one active landfill is located in New York City: Fresh Kills, Staten Island.

None of these landfills are located within 0.5 mile of the subject site.

IV. SCOPE OF WORK

A. Purpose and Limitations

This Phase I Environmental Site Assessment (ESA) involves research into the history of uses of the subject property, checks with appropriate government agencies, and a visual inspection of the facilities and property to determine the possible presence of toxic and hazardous materials, and/or chemical products. An evaluation is then made regarding the potential for significant site contamination by toxic or hazardous materials and/or chemical products from past or present use.

Since the Phase I scope of work does not typically include testing of building materials (for asbestos, lead-based paints, PCBs, etc.), or of subsurface soils or groundwater, no definitive assessment of the presence of asbestos, lead-based paint, PCBs, soil or groundwater contamination (from on-site or off-site sources) is made. In addition, specific testing for radon levels is also not undertaken. It should be noted that other issues that may relate to property value impairments (e.g., ambient air quality, noise pollution, perceived risk from electromagnetic fields, etc.) are outside the scope of a Phase I ESA, and are not addressed.

If further determination of any potential contamination or analysis of specific materials is needed, then testing and/or further investigation (Phase II) would be necessary.

B. Conformance with ASTM Standard Practice

This report has been prepared in conformance with the scope of the ASTM Standard Practice for Phase I ESAs (E1527-94), as well as generally accepted industry protocols. In several aspects the scope of work exceeds the recommended ASTM scope (e.g., additional database searches, asbestos, radon, lead-based paint issues, wetlands), etc. It should be noted that any limitations to the site inspection (e.g., inaccessible areas of the subject property, absence of site contact, etc.) are specified in the report.

C. Sources of Information and Research Methods

A Phase I ESA typically consists of three major components: research into the history of the site, on-site inspection, and review of applicable regulatory agency records and databases.

Historical site research is important in the assessment of the likelihood of past releases of hazardous substances (which include petroleum products). Sources of historical information for the subject property include:

- o Local library documents (historical, maps, atlases, address directories).

- o Interviews with site contacts, current site operators, adjacent site operators, neighbors or other "old timers."
- o Historical aerial photographs, USGS topographic maps, LUNR maps, land use and zoning maps, flood plain maps.
- o New York City Buildings Department for building history including construction and alteration permits.

The following regulatory agency lists and databases of documented hazardous waste sites, waste handlers, and spills are checked:

- o U.S. Environmental Protection Agency for location of Superfund and CERCLIS sites, ERNS, FINDS, and PADS databases, and RCRA Hazardous Waste Handlers and Treatment/Storage/ Disposal Facilities (TSDF) lists.
- o New York State Department of Environmental Conservation, Region 2, for hazardous waste spill logs, and the current lists of significant SPDES facilities, Inactive Hazardous Waste Disposal Sites, Major Oil Storage Facilities, Chemical Bulk Storage and Petroleum Bulk Storage Facilities, Permitted Hazardous/Industrial Waste Transporters, etc.
- o New York City Fire Department, and New York City Department of Environmental Protection for permits for petroleum storage tanks, and other flammable materials, and records of environmental violations, storage issues, hazardous waste spill incidents and activity.

The site visit involves a review of current operations, interviews with knowledgeable on-site occupants or operators, and inspection of the property for visible indications of any significant contamination by toxic or hazardous materials. The investigation includes the following objectives:

- o to identify sources of potential on-site contamination, such as underground storage tanks, septic systems, dry wells, interior floor drains, transformers and fluorescent light ballasts (which may contain PCBs), suspected asbestos-containing materials, and suspected lead-based paints, etc.
- o to examine the property for signs of potential contamination: stained soils, unusual odors, stressed or dead vegetation, improperly stored drums, oil slicks, on-site waste disposal/dumping, etc.
- o to identify the quantity and type of toxic or hazardous substances used in the on-site operations (through interviews, site inspections, Materials Safety Data Sheets, hazardous materials inventories, reports to regulatory agencies, etc.).

- o to determine if on-site toxic and hazardous materials are stored, handled and disposed of in accordance with good practice, minimizing the potential for contamination. Chemical storage areas and waste removal manifests are checked.
- o to identify potential off-site sources of contamination. Adjacent uses are noted, along with topography and surface water drainage patterns.
- o to identify on-site or adjacent off-site sensitive receptors, such as wetlands, surface waters, drinking water wells.

Not all of the objectives described above are applied to every site; investigations are tailored to the particular nature of the site. It should be noted that information requested from regulatory agencies may be incomplete or unavailable within a reasonable time period.

In accordance with ASTM standards, a Phase I ESA is not prepared as an environmental compliance report. This Phase I report addresses the general and typical regulations for toxic and hazardous materials, but does not necessarily stipulate the specific compliance requirements under federal, state and local laws for storage, use, transport, discharge or disposal of such materials at the subject property. (Specific compliance issues and questions about a particular site must be addressed directly by the regulatory agency with jurisdiction). In addition, no judgment is made with respect to the facility's compliance with worker exposure standards established by the Occupational Safety and Health Administration (OSHA).

V. QUALIFICATIONS

EEA, Inc. (a.k.a. Energy & Environmental Analysts, Inc.) is an environmental consulting firm that has undertaken environmental pollution investigations, development feasibility studies, and environmental site assessment studies since 1979. These site evaluation studies have been prepared for major lenders, public corporations, businesses, developers and governmental agencies. Approximately 3,000 parcels have been evaluated in the metropolitan New York-New Jersey area during the past six years, ranging from Phase I Environmental Site Assessments to comprehensive soil, water, and asbestos testing programs. EEA also prepares bid specifications for remediation programs and supervises site cleanup.

EEA's principals and senior managers for the hazardous waste investigations each have over 15 years experience in environmental consulting, with established credentials in the field.

Individual qualifications of EEA personnel, including specific credentials of persons involved in the preparation of this report, can be provided upon request.

VI. DISCLAIMER

This report is for use by the New York City Industrial Development Agency and Mr. Richard Tepper of Amster Novelty Company, and is only to be used as a guide in determining the potential for contamination by toxic or hazardous materials on the subject property at the time of the site visit. This Phase I Environmental Site Assessment (ESA) was undertaken in accordance with generally accepted assessment protocols, including the ASTM Standard Practice for Phase I ESAs. This Phase I ESA is based principally on the review of historic and regulatory records (made available within a reasonable time period), relating to past occupants and usage of the subject property, as well as activities at nearby sites, and upon a visual assessment of the subject property, and makes no determinations with respect to portions of the subject property and its structures which were not inspected.

This Phase I ESA does not involve any sampling, testing, or laboratory analysis of subsurface soils, groundwater or building materials or other substances on-site, but constitutes only the professional opinion of EEA, Inc. based on established procedures and protocols. This Phase I ESA is not, and should not be construed as, a guaranty, warranty, or certification of the presence or absence of toxic or hazardous substances, which can be made only with testing, and contains no formal plans or recommendations to rectify or remediate the presence of any toxic or hazardous substances, which may be subject to regulatory approval.

Any and all liability on the part of EEA, Inc. shall be limited solely to the cost of this Environmental Site Assessment report. EEA, Inc. shall have no liability for any other damages, whether consequential, compensatory, punitive, or special, arising out of, incidental to, or as a result of, this assessment. EEA, Inc. assumes no liability for the use of this report by any person or entity other than the institution and/or entities or persons for whom it has been prepared.

APPENDIX A
PHOTOGRAPHS



Photo 1:

Subject property Buildings 6, 5, and 9 (left to right), as seen from across 101st Street.

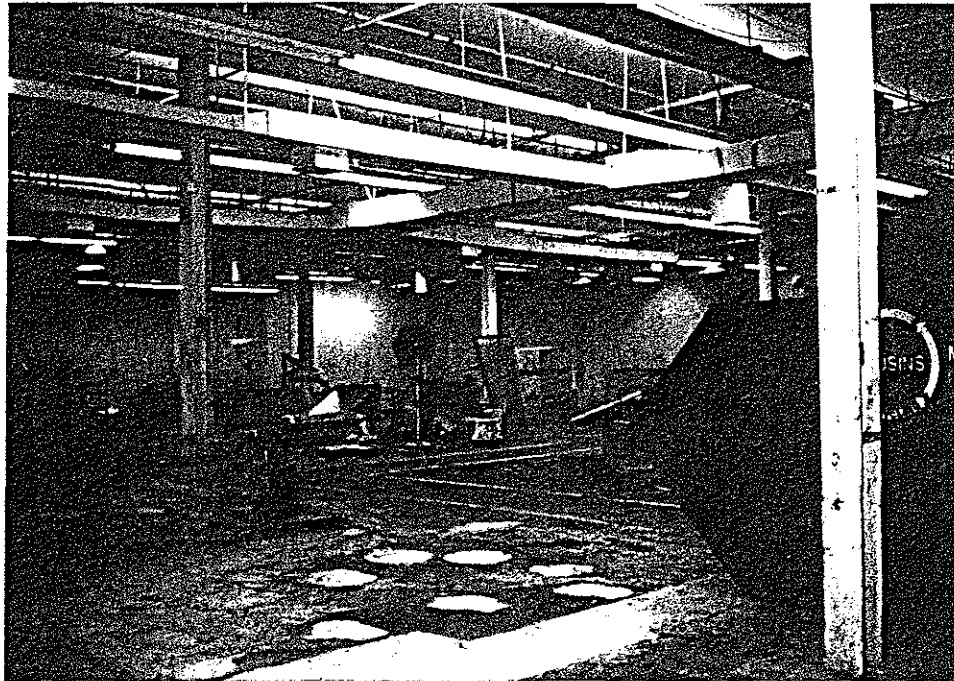


Photo 2:

Vacant interior of Building 5, former manufacturing area.



Photo 3:

Piping from interior floor drain, that discharged any leaking oil to a 55-gallon drum.



Photo 4:

Trap cover for a possible drainage structure, located in the former chemical storage/process area.

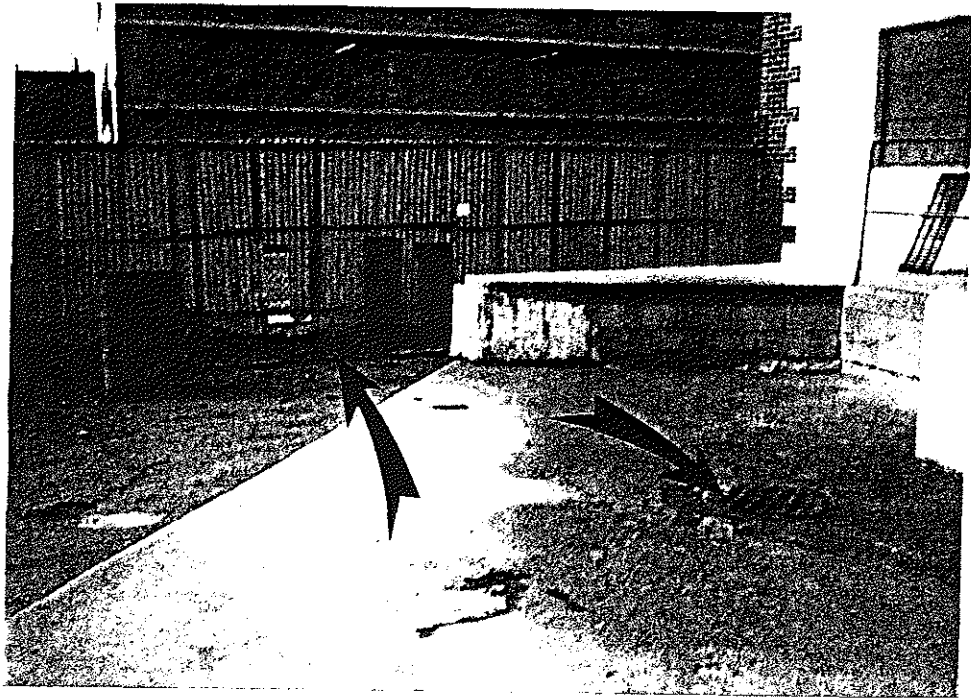


Photo 5:

Exterior drainage structure, with drainage trench to rear, along the west side of the south parking lot.



Photo 6:

Two 55-gallon drums of kerosene and lubricating oil, and one 30-gallon drum of lubricating oil, stored in the first floor of Building 5.

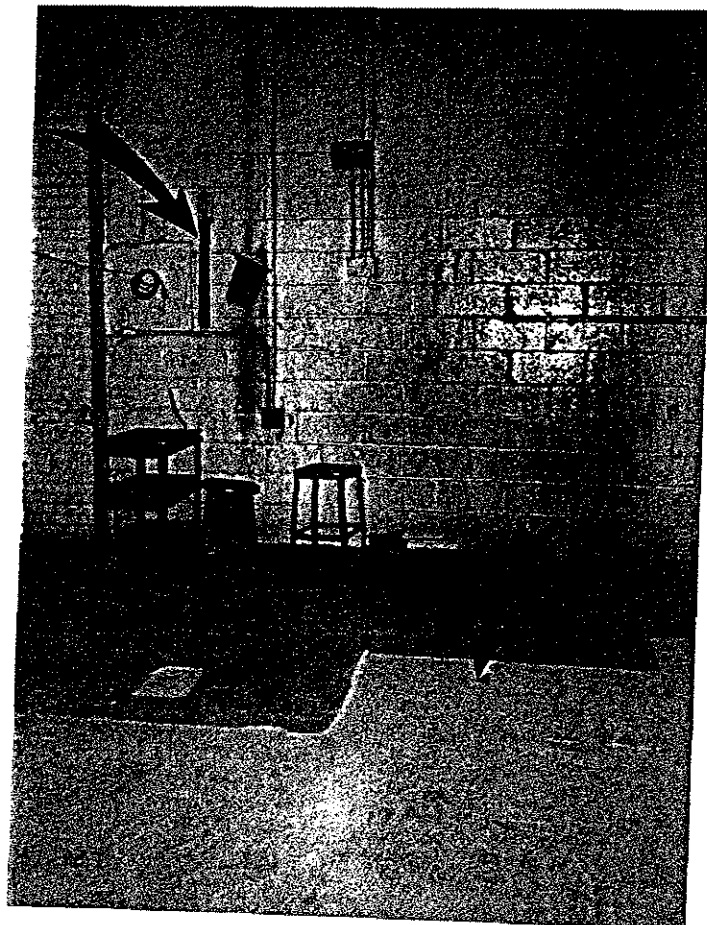


Photo 7:

Concrete area formerly used as foundation for a machine, to the rear of Building 9. Reportedly the sealed fuel oil tank (Tank No. 3) was removed from this area. Note former tank petrometer along wall.



Photo 8:

Fillport and vent for sealed trichloroethylene tank (Tank No. 9), in Building 9.



Photo 9:

Fillport and ventline for sealed fuel oil tank (Tank No. 2) in Building 6. Note the second fillport, possibly indicating a previous line leak and replacement.

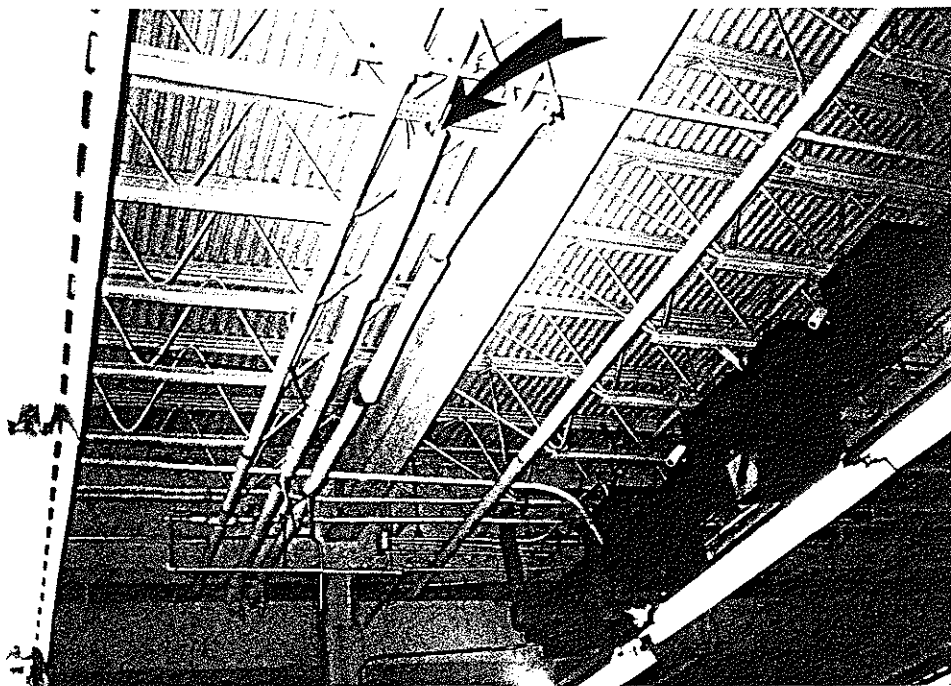


Photo 10:

Suspected asbestos-containing pipe wrap in first floor manufacturing area of Building 9.

APPENDIX B
INVOICE FOR 1987 TANK CLOSURES

NOV-13-95 MON 16:41

NOV 12 '95 14:23 FROM OZONE INDUSTRIES

Amster Novelty

ATTN: BONNIE (EEA)

PAGE.002



Petroleum Tank Cleaners, Inc.

836 BUTLER STREET, BROOKLYN, N. Y. 11217
TELEPHONE: 634-4942

To Richard
Tepper

Inv # 7697

January 6, 1988

Ozone Industries
101-32 101st Street
Ozone Park, N.Y. 11416
P.O. NO. M 4397J

Completed work at the above address.

Breaking of concrete and digging

12/14/87

Tank No. 1 10:30-12:30

Tank No. 4 1:00-4:40

Tank No. 5 4:30-5:00

2 hours portal to portal

Total 8 hours \$ 600.00 ✓

12/15/87

Tank No. 2 9:00-12:30

Tank No. 3 12:30-1:30

Tank No. 3 2:00-5:00

2 hours portal to portal

Total 9 1/2 hours \$ 712.50 ✓

12/18/87

Tank No. 4 10:00-4:30

2 hours portal to port

Total 8 1/2 hours \$ 637.50 ✓

12/22/87

Tank No. 5 10:00-4:00

2 hours portal to portal

Total 8 hours \$ 600.00 ✓

12/24/87

Cut and weld 5-1080 gallon fuel oil storage tanks.

\$1,475.00 ✓

12/18-12/23/87

Pump out and squeegee clean 5-1080 gallon fuel oil storage tank. See Part lines connected to the tank.

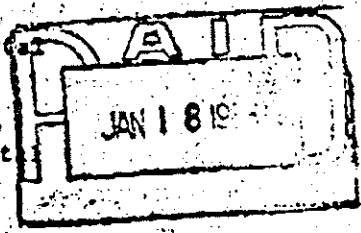
\$2000.00 ✓

12/22/87-12/23/87

Sand fill all 5-1080 gallon fuel oil storage tanks

\$5000.00 ✓

AR 26-57-50



VENDOR NO	
PAY DATE 1/18/88	
EXTEN	
TERMS: 7/10	
5-1080 gallon fuel oil storage tanks	
PART LINES	
AMOUNT	
TAX	
TOTAL	
95848.50	

Amster Nwcity
Allen Bunick (EEA)



Petroleum Tank Cleaners, Inc.

236 BUTLER STREET, BROOKLYN, N. Y. 11217
TELEPHONE: 834-4342

12/28/87

Backfill and re-cement all 5-1080 gallon
Fuel oil storage tanks 10:00-4:30
2 hours portal to portal

Total 8 1/2 hours \$ 637.50 ✓

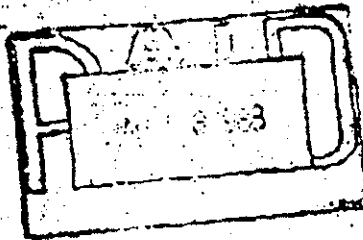
Total price \$ 11,662.50 ✓

Tax \$ 962.16 ✓

\$ 12,624.66

All tanks listed above have been sealed according to all D.E.C., E.P.A
and Fire Department regulations for sealing tanks within the city limits
of New York City.

O.K.
C. *[Signature]*
1/4/88



APPENDIX C

AGENCY FOIL REQUESTS and RESPONSES

FIRE DEPARTMENT • CITY OF NEW YORK

BUREAU OF FIRE PREVENTION

250 Livingston Street—Room 439

Brooklyn, N.Y. 11201-5884

RECORD SEARCH REQUEST

FUEL (HEATING) OIL

RUSH

MAIL TO:

EEA, Inc.
55 Hilton Avenue
Garden City, New York 11530

Search No. 010826

ESA- 95267

The undersigned requests the following information re: Premises

101-21 101st Street Ozone Park QUEENS
ADDRESS (Block 9419, Lot 49) BOROUGH
(101-32 101st Street)

For Fuel (Heating) Oil Tanks Only

- 1. No. and Size of tanks (includes date of installation) fuel oil, permit #, date of exp. Fee: \$10.00
- 2. No. and Size of sealed and/or removed tanks Fee: \$10.00
Searched by _____ Date _____
- 3. Pending Headquarters violation orders Fee: \$10.00
- 4. Other Records of buried tanks (c,d,e accounts) Fee: \$10.00

Note: The N.Y.C. Fire Department Does Not Conduct Tests on Fuel (Heating) Oil Tanks.

State Applicants interest in or relation to premises:

Environmental consultant to lender on property

J. D. B.

No record of fuel oil permit

Signed Bernie Brune
Date 11/10/95

DO NOT WRITE BELOW THIS LINE

Gentlemen:

In reply to your request concerning the premises mentioned above, please be advised that as of 9 A.M., 11-16-95 our records show the following:

(MAKE ADDITIONAL COMMENTS ON REVERSE SIDE)

No record of fuel oil tanks.

No record of gas tanks.

Searched by: alt. Th

VIOLATIONS RECORDED ABOVE ARE ONLY THOSE WHICH ARE A MATTER OF RECORD IN HEADQUARTERS OF THE BUREAU OF FIRE PREVENTION, AND MAY NOT INCLUDE VIOLATIONS ISSUED BY LOCAL UNITS, UNLESS A SUMMONS FOR "FAILURE TO COMPLY" WAS ISSUED. ALL REPORTED TANK INFORMATION COMES FROM RECORDS WHICH EXIST IN THE FIRE DEPARTMENT DISTRICT OFFICE FOLDERS OR ON COMPUTER FILES.

MAXIMUM RESPONSE TIME 20 BUSINESS DAYS

Ms. Marie Dooley
Freedom of Information Officer
N.Y.C. Dept. of Environmental Protection
Office of Legal Council
59-17 Junction Boulevard, 19th Floor
Elmhurst, New York 11373

re: FOI request address: 101-21 101st Street
Ozone Park, QUEENS
block/lot: Block 9419, Lot 49
operator: Ozone Industries
(main address 101-32 101st St)

Dear Ms. Dooley,

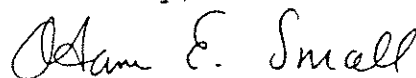
I represent an environmental consulting firm which has been engaged to conduct an investigation of the above referenced site. We would like to request access to any files which the N.Y.C. Department of Environmental Protection may be keeping concerning the above property.

We are interested, especially, in any information concerning the use, storage, treatment, manufacture, refinement, handling, disposal, spill, release or discharge of any substance, material or waste defined or designed as hazardous or toxic at the above referenced site.

If possible, please send a copy of the file(s) if they are not overly extensive, as we will pay any reproduction fees necessary.

Thank you very much for your cooperation.

Sincerely,



Adam E. Small
Environmental Researcher

AES:me

EEA ESA # 95267

U2P

New York City
Department of
Environmental
Protection

November 16, 1995

59-17 Junction Blvd.
Corona, New York
11368
718-595-6565
718-595-3525 Fax

EEA, Inc.
Attn: Adam E. Small
55 Hilton Avenue
Garden City, New York 11530

RE: 101-21 101 Street

MARILYN GELBER
Commissioner

Dear Mr. Small:

We hereby acknowledge receipt of your **Freedom of Information Law**

request received November 14, 1995.

MARK D. HOFFER
General Counsel
Bureau of Legal Affairs
718-595-6555
718-595-6543 Fax

Your request is currently being reviewed by our agency, and will be granted

or denied in approximately two weeks.

Very truly yours,
Charlotte Alice for
Marie A. Dooley
Marie A. Dooley
Assistant Counsel

dt

Log # 951667

Mr. William Hewett
Regional Records Access Officer
NYSDEC- Region 2
47-40 21st Street
Long Island City, New York 11101

Re: FOI Request: address: 101-21 101st Street
Ozone Park, QUEENS
block/lot: Block 9419, Lot 49
operator: Ozone Industries
(main address 101-32 101st Street)

Dear Mr. Hewett,

I represent a consulting firm that has been engaged to perform an Environmental Audit at or near the above referenced property.

Please submit this request to the following divisions/bureaus:

<input type="checkbox"/> Air	<input checked="" type="checkbox"/> Bulk Storage	<input type="checkbox"/> Solid Waste
<input checked="" type="checkbox"/> Hazardous Substance Regulation	<input type="checkbox"/> H W Remediation	<input type="checkbox"/> Pesticide
<input checked="" type="checkbox"/> Regulatory Affairs	<input checked="" type="checkbox"/> Oil Spills	<input checked="" type="checkbox"/> Water/SPDES
<input type="checkbox"/> Water/Potable	<input type="checkbox"/> Fish & Wildlife	<input type="checkbox"/> Tidal WtlnD
	<input checked="" type="checkbox"/> Legal Affairs	

We are interested in any information on file in the bureaus identified for the above referenced site. We are requesting the opportunity to inspect any files your offices may have. If possible, please send a copy of the file(s) if they are not overly extensive, as we will pay any reproduction fees necessary.

Thank you for your cooperation regarding this matter.

Sincerely yours,

Ronald C. Trapane

Ronald C. Trapane
Environmental Investigator

RCT:me

EEA ESA # 95267

APPENDIX D

*Descriptions of NYSDEC Spill Incidents,
Petroleum and Chemical Bulk Storage Facilities,
and RCRA Hazardous Waste Handlers from
Toxics Targeting*

Identified Toxic Sites by Category

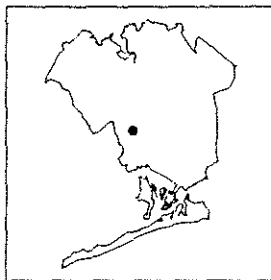
101-21 101st St
Queens, NY 11416

Hazardous Material Spills			
MAP ID#	FACILITY NAME	FACILITY STREET	DISTANCE
1	101-32 101ST ST./OZONE IN	101-32 101ST ST.	73 feet
2	101-32 101ST ST./OZONE IN	101-32 101ST ST.	73 feet
3	101-70 99TH STREET	101-70 99TH STREET	378 feet
4	103-12 101ST AVE./ST. MAR	103-12 101ST. AVE.	493 feet
5	THE MERRY GATES OF HEAVEN	103-12 101ST AVENUE	493 feet
6	99TH ST & 97TH AVE.	99TH ST. & 97TH AVE.	753 feet
7	97-10 103TH ST	97-10 103TH ST	788 feet
8	103RD ST & 103RD AVE/QUNS	103RD ST & 103RD AVE	865 feet
9	103-10 103RD ST	103-10 103RD ST	931 feet
10	100 ST & 94TH AVENUE	100 ST & 94TH AVENUE	1339 feet
11	104-42 102ND STREET	104-42 102ND STREET	1687 feet
12	105-08 LIBERTY AVE	105-08 LIBERTY AVE	1820 feet
13	9705 ATLANTIC AVE	9705 ATLANTIC AVENUE	1821 feet
14	97-01 ATLANTIC AVE/QUEENS	97-01 ATLANTIC AVENUE	1825 feet
15	104-09 ATLANTIC AVE/QUEEN	104-09 ATLANTIC AVE	1844 feet
16	98-21 ROCKAWAY BLVD/QUEEN	98-21 ROCKAWAY BLVD	1903 feet
17	101TH AVE & 109TH STREET	101TH AVE & 109TH STREET	2013 feet
18	104-13 93RD AVENUE	104-13 93RD AVENUE	2029 feet
19	104-13 93RD ST	104-13 93RD ST	2165 feet
20	107-62 101TH STREET	107-62 101TH STREET	2193 feet
21	91-42 96TH STREET	91-42 96TH STREET	2208 feet
22	WOODHAVEN BLVD/ATLANTIC A	WOODHAVEN BLVD/ATLANTIC A	2274 feet
23	91-21 ROCKAWAY	91-21 ROCKAWAY	2368 feet
24	108-01 ATLANTIC AV/QUEENS	108-01 ATLANTIC AVE	2420 feet
25	108-01 ATLANTIC AV/SHELL	108-01 ATLANTIC AVENUE	2420 feet
26	D302 ATLANTIC AVE/SHELL	9302 ATLANTIC AVENUE	2430 feet
27	93-02 ATLANTIC AVE/SHELL	93-02 ATLANTIC AVE/SHELL	2430 feet
28	104-54 91ST AVENUE	104-54 91ST AVENUE	2455 feet
29	104-53 109 ST	104-53 109 ST	2497 feet
30	AGRON & ZUKI'S	109-02 ATLANTIC AV	2574 feet
31	90-02 102ND ST/QUEENS	90-02 102ND STREET	2599 feet
32	91-34 95TH ST/QUEENS	91-34 95TH STREET	2603 feet
33	91ST ST. & 95TH AVE.	91ST ST. & 95TH AVE.	2621 feet

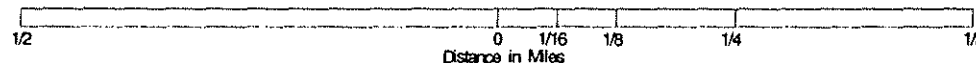
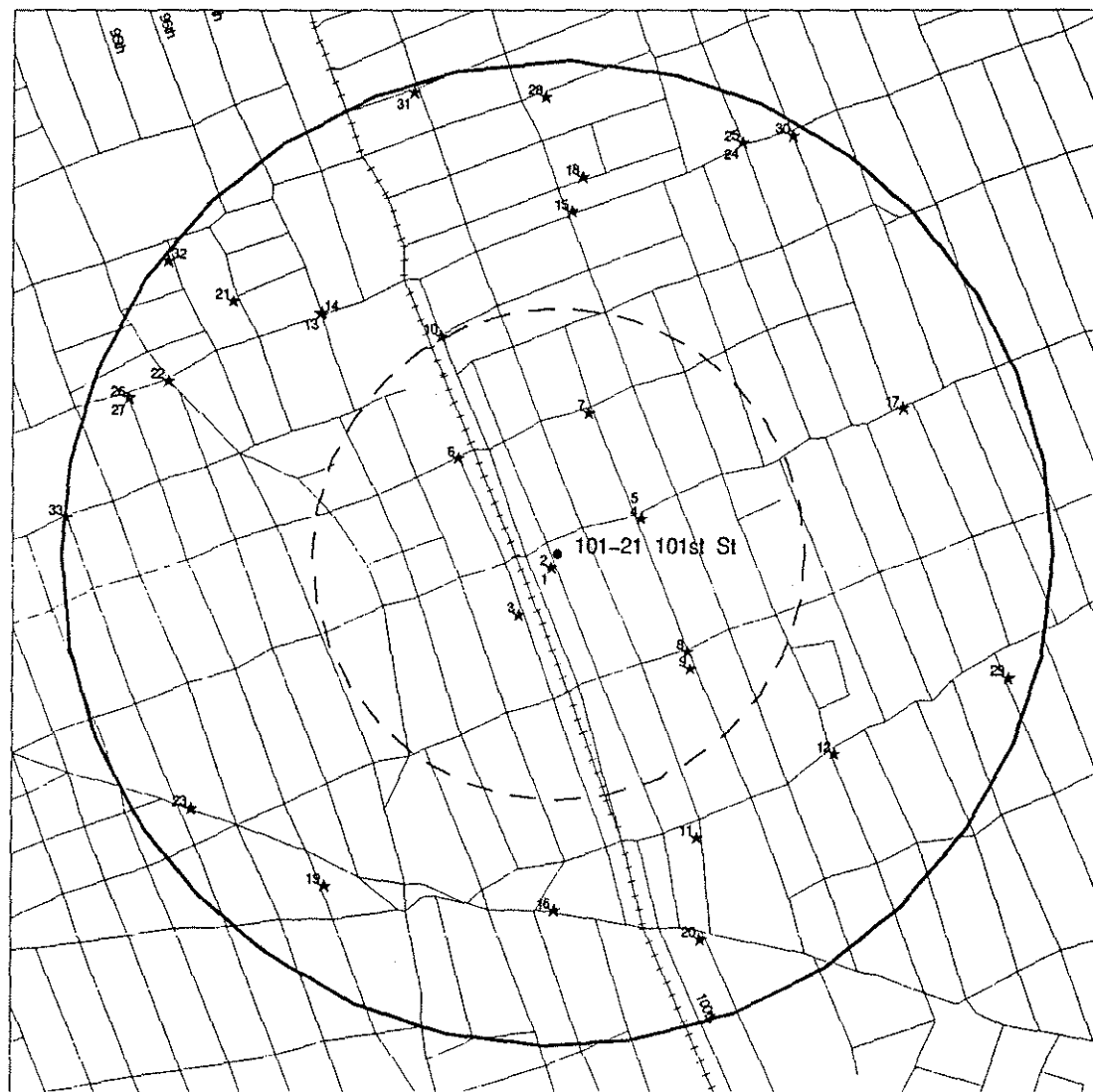
Petroleum Bulk Storage Sites			
MAP ID#	FACILITY NAME	FACILITY STREET	DISTANCE
34	OZONE INDUSTRIES INC	101-32 101ST STREET	68 feet
35	JACMOR TRANSPORTATION INC	97-26 99TH STREET	732 feet
36	KAM THERMAL EQUIPLMENT LTD	98-21 97TH ST	886 feet
37	THE VOGES MFG CO INC	103-11 98TH ST	953 feet
38	ENGINE 285 / LADDER 142	103-17 98TH STREET	997 feet
39	ROBERT SCHLINDRA	101-43 95TH ST	999 feet
40	97-05 103 AVE	97-05 103 AVE	1061 feet
41	106 PCT	103-55 101ST ST	1196 feet
42	QUEENS FARMS DAIRY INC	103-45 98TH ST	1209 feet
43	QUEENS FARMS DAIRY INC	103-45 98 ST	1209 feet
44	103-35 97 STREET	103-35 97 STREET	1255 feet
45	103-45 97 STREET	103-45 97 STREET	1317 feet

Hazardous Waste Generators, Transporters			
MAP ID#	FACILITY NAME	FACILITY STREET	DISTANCE
46	OZONE INDUSTRIES	101-32 101TH STREET	68 feet
47	SAL & SON, INC	97-21 101ST STREET	640 feet
48	SUPERSTAR AUTO COLLISION & REPAIR	97-07 100TH STREET	665 feet
49	VOGUES MANUFACTURING CO. INC.	103-11 98TH ST	953 feet
50	MAIN LINE AUTO COLLISION INC	103-32 101ST ST	996 feet
51	PROVISIERO BROTHERS INC	105-17 101 ST AVENUEATT:TONY	1022 feet
52	REMEDY REMOVAL INC	103-21 104TH STREET	1145 feet
53	S O S AUTO BODY INC	95-20 98TH ST	1226 feet

Chemical Bulk Storage Facilities			
MAP ID#	FACILITY NAME	FACILITY STREET	DISTANCE
54	OZONE INDUSTRIES INC.	101-32 101ST ST.	73 feet



Queens County



★ Hazardous Material Spill

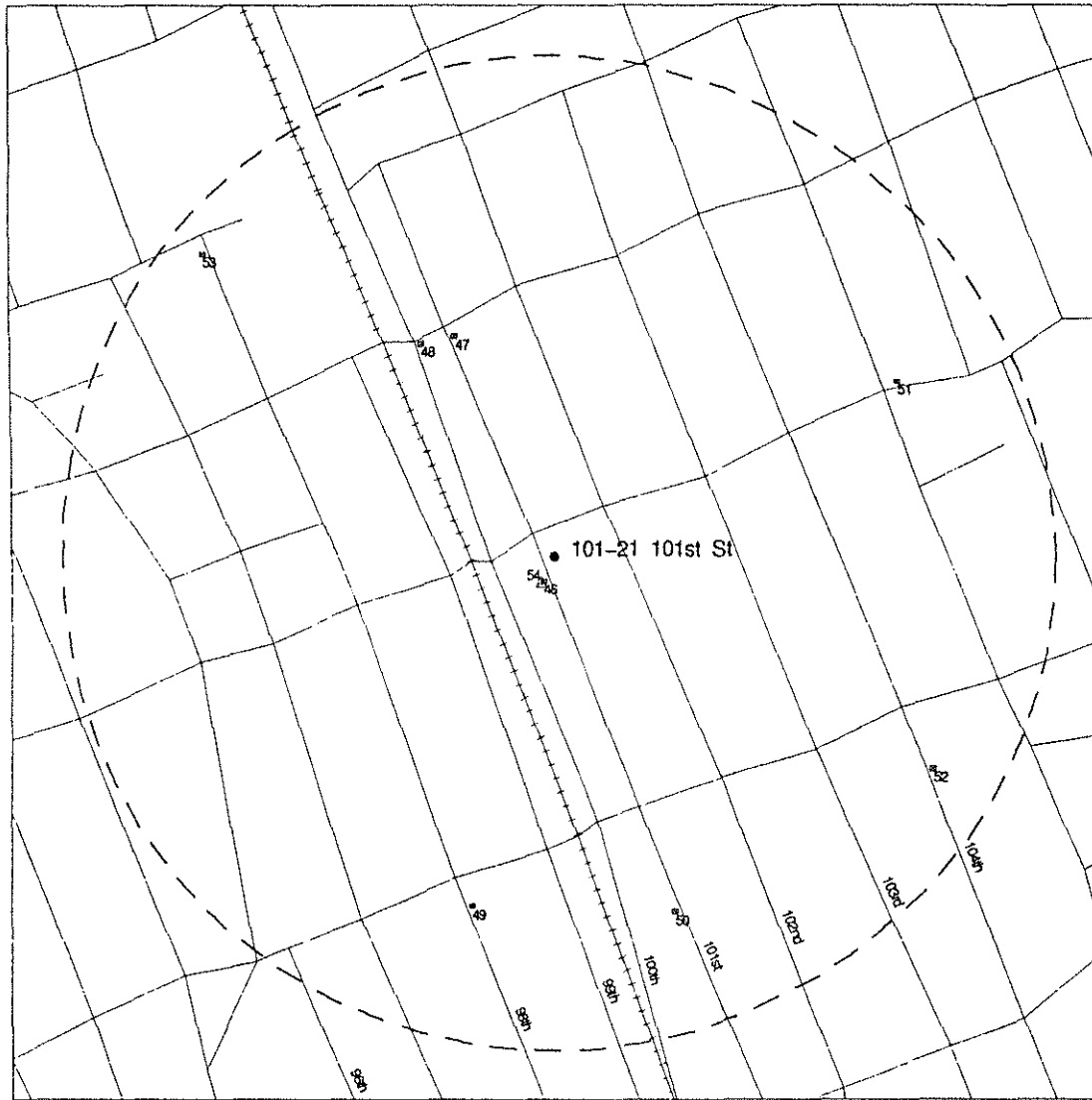
Toxics Targeting
1/2 Mile Radius Map
101-21 101st St
Queens, NY 11416

The toxic site categories that were searched to produce this map are listed below. The radius distance of the search is noted at the top of this map. Each identified site is marked with a symbol and a reference number. Please refer to the Toxic Site Profiles presented in the second section of your Computerized Environmental Report for more information on each site.

All map locations and distances are approximate.



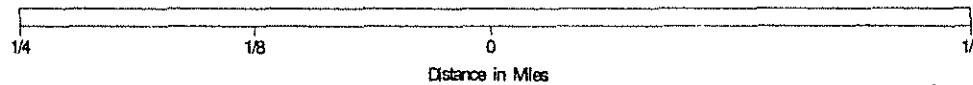
Queens County



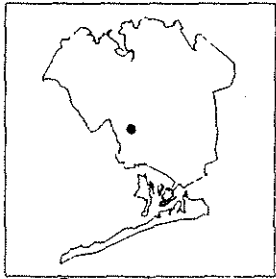
Toxics Targeting 1/4 Mile Radius Map 101-21 101st St Queens, NY 11416

The toxic site categories that were searched to produce this map are listed below. The radius distance of the search is noted at the top of this map. Each identified site is marked with a symbol and a reference number. Please refer to the Toxic Site Profiles presented in the second section of your Computerized Environmental Report for more information on each site.

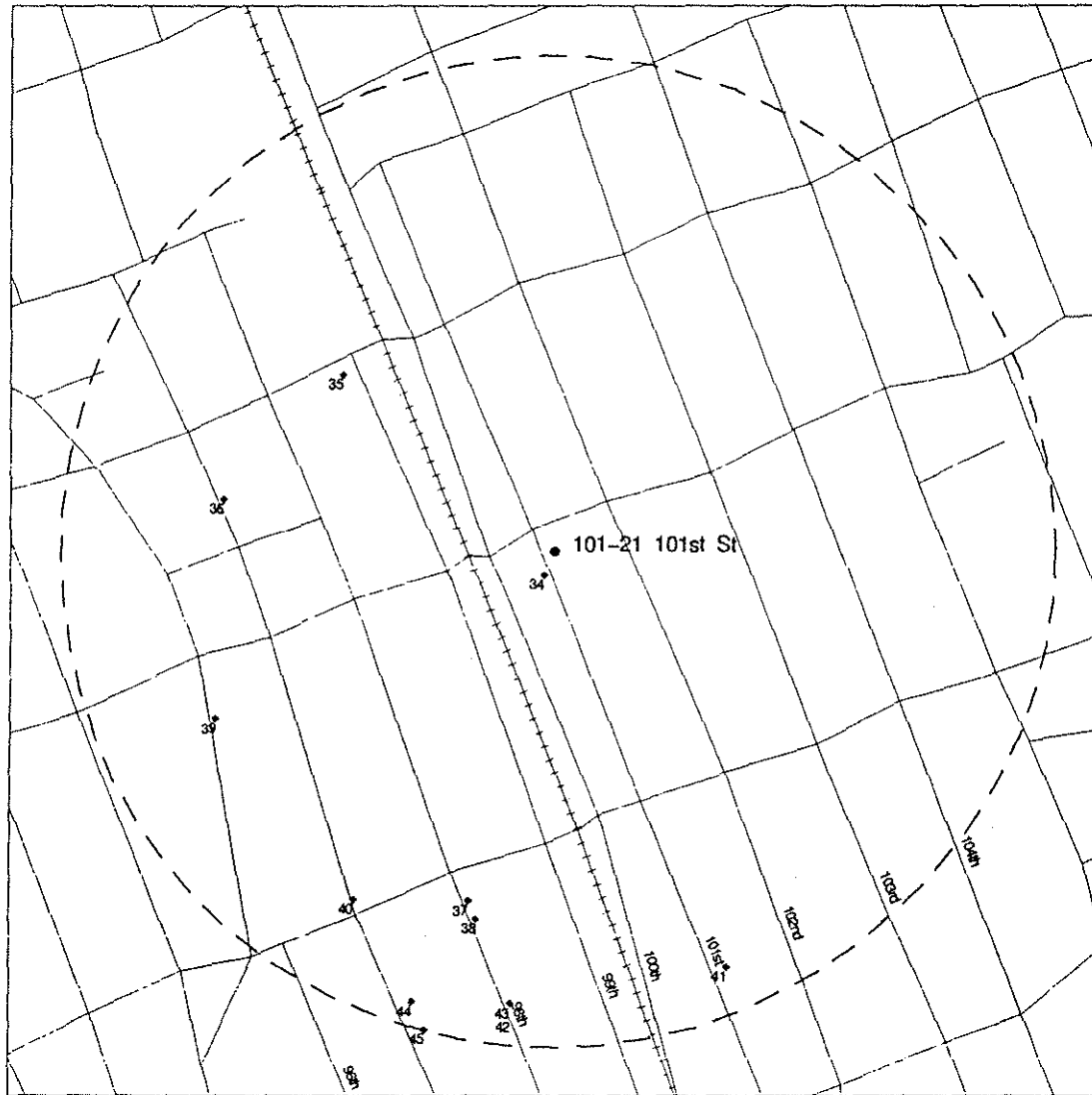
All map locations and distances are approximate.



- ▲ Chemical Storage Facility
- Hazardous Waste Generator, Transporter



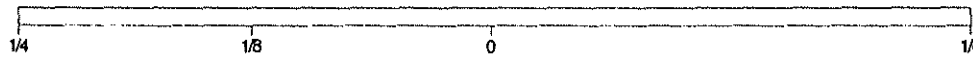
Queens County



Toxics Targeting
1/4 Mile Closeup Map
101-21 101st St
Queens, NY 11416

The toxic site categories that were searched to produce this map are listed below. The radius distance of the search is noted at the top of this map. Each identified site is marked with a symbol and a reference number. Please refer to the Toxic Site Profiles presented in the second section of your Computerized Environmental Report for more information on each site.

All map locations and distances are approximate.



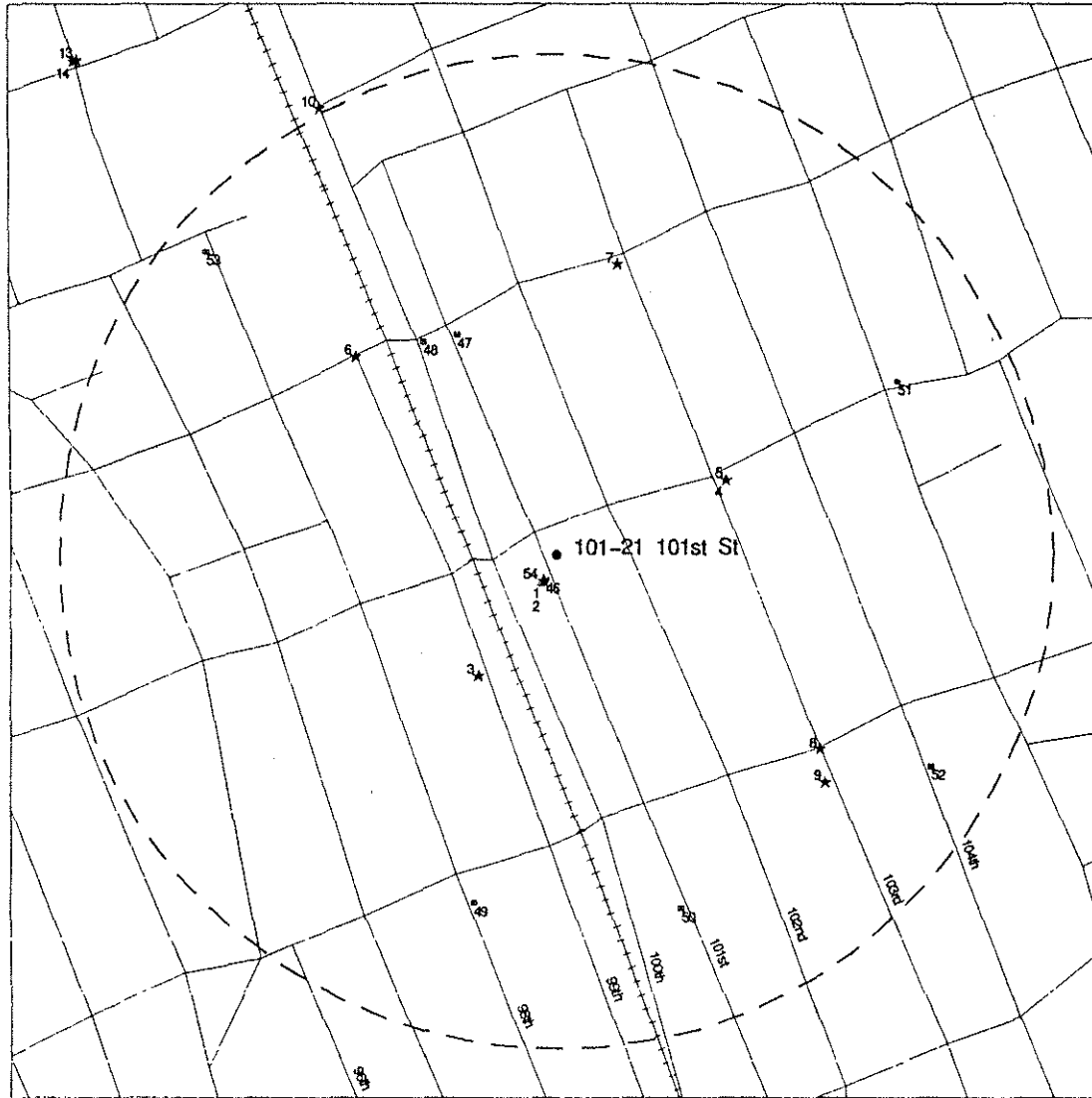
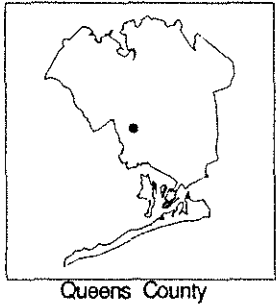
Distance in Miles

◆ Petroleum Bulk Storage Facility ***

* 1 Mile Search Radius

** 1/2 Mile Search Radius

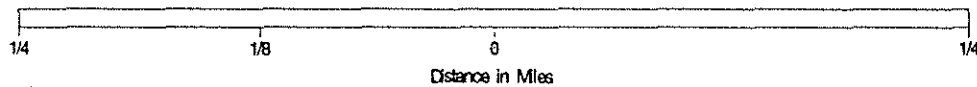
*** 1/4 Mile Search Radius



**Toxics Targeting
1/4 Mile Closeup Map
101-21 101st St
Queens, NY 11416**

The toxic site categories that were searched to produce this map are listed below. The radius distance of the search is noted at the top of this map. Each identified site is marked with a symbol and a reference number. Please refer to the Toxic Site Profiles presented in the second section of your Computerized Environmental Report for more information on each site.

All map locations and distances are approximate.



▲ Chemical Storage Facility ***

■ Hazardous Waste Generator, Transporter ***

★ Hazardous Material Spill **

* 1 Mile Search Radius

** 1/2 Mile Search Radius

*** 1/4 Mile Search Radius



*** HAZARDOUS MATERIAL SPILLS IDENTIFIED WITHIN 1/2 MILE SEARCH RADIUS ***

Map Identification Number 1 101-32 101ST ST./OZONE IN Spill Number 8704844 Status: UNKNOWN
 101-32 101ST ST. NEW YORK CITY, NY NO ZIP PROVIDED Clean up date - 11/04/1993 PBS Number 348155

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 10132 101ST ST.
 Approximate distance from property: 73 feet Revised zip code: NO CHANGE

Facility type: COMMERCIAL FACILITY - NO PETROLEUM FOR SALE DEC Investigator: BATTISTA DEC notified by: TANK TESTER

MATERIAL SPILLED	SPILL DATE	QUANTITY SPILLED	QUANTITY RECOVERED	SPILL UNITS	SPILL CAUSE	RESOURCE AFFECTED	PETROLEUM TYPE	OTHER MAT SPILLED
PETROLEUM	09/10/1987	-1	0	NONE	TANK TEST FAILURE	GROUNDWATER	#2 FUEL	

Toxicity Information Summary

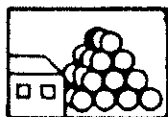
CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
#2 FUEL	68476302	X	X			X	

Map Identification Number 2 101-32 101ST ST./OZONE IN Spill Number 8704883 Status: UNKNOWN
 101-32 101ST ST. NEW YORK CITY, NY NO ZIP PROVIDED Clean up date - 10/07/1992 PBS Number 348155

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 10132 101ST ST.
 Approximate distance from property: 73 feet Revised zip code: NO CHANGE

Facility type: COMMERCIAL FACILITY - NO PETROLEUM FOR SALE DEC Investigator: BATTISTA DEC notified by: TANK TESTER

MATERIAL SPILLED	SPILL DATE	QUANTITY SPILLED	QUANTITY RECOVERED	SPILL UNITS	SPILL CAUSE	RESOURCE AFFECTED	PETROLEUM TYPE	OTHER MAT SPILLED
HAZARDOUS MATERIAL	09/11/1987	0	0	NONE	TANK TEST FAILURE	GROUNDWATER	NONE GIVEN	TRICHLOROETHYLENE



*** HAZARDOUS WASTE GENERATORS/TRANSPORTERS IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ***

Map Identification Number 46 OZONE INDUSTRIES Facility Id NYD044689818
 101-32 101TH STREET OZONE PARK, NY 11418

MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION
 Site location mapped by: ADDRESS MATCHING Revised street: 10132 101ST STREET
 Approximate distance from property: 68 feet Revised zip code: 11416

US EPA RCRA Type: Generator: LARGE QUANTITY GENERATOR
 Land Disposal (LDF): Incinerator: Transporter:
 Storage/Treatment (TSF): Receives offsite waste:

US EPA RCRA Violations: Violation Area: GENERATOR-ALL REQUIREMENTS Response Agency: STATE
 Violation Number: 1 Violation Class: 2 Violation Priority:
 Violation Type: Regulation:

 Violation Area: GENERATOR-ALL REQUIREMENTS Response Agency: STATE
 Violation Number: 2 Violation Class: 2 Violation Priority:
 Violation Type: Regulation:

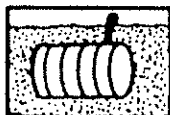
 Violation Area: GENERATOR-ALL REQUIREMENTS Response Agency: STATE
 Violation Number: 3 Violation Class: 2 Violation Priority:
 Violation Type: Regulation:

WASTE CODE	WASTE DESCRIPTION	WASTE AMOUNT	WASTE UNITS	TRANSACTION TYPE	YEAR
D007	Chromium	55	GALLONS	GENERATED	94
F001	Spent halogenated solvents used in degreasing	220	GALLONS	GENERATED	94
D002	Solid waste that exhibits the characteristic of corrosivity	110	GALLONS	GENERATED	93
D003	Solid waste that exhibits the characteristic of reactivity	25	POUNDS	GENERATED	93
D001	Solid waste that exhibits the characteristic of ignitability	165	POUNDS	GENERATED	92
U154	Methanol (I)	5	GALLONS	GENERATED	92

Note: 1994 waste amounts are for 1/1/94 to 6/30/94 only

Toxicity Information Summary

 CHEMICAL NAME CAS-NO ACUTE TUMOR MUTAG REPRO IRRIT MCL



 * PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/4 MILE SEARCH RADIUS *

Map Identification Number 34

OZONE INDUSTRIES INC
101-32 101ST STREET

Facility Id 2-348155

OZONE PARK, NY 11416

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 68 feet

ADDRESS CHANGE INFORMATION

Revised street: 10132 101ST STREET

Revised zip code: NO CHANGE

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE
1	CLOSED-IN PLACE	OTHER	2000	UNDERGROUND	12/57	03/92
2	CLOSED BEFORE 4/1/91	#1 2 OR 4 FUEL OIL	2000	UNDERGROUND	12/57	
3	CLOSED BEFORE 4/1/91	#1 2 OR 4 FUEL OIL	2500	UNDERGROUND	12/67	11/87
5	CLOSED BEFORE 4/1/91	#1 2 OR 4 FUEL OIL	1080	UNDERGROUND	12/68	
6	CLOSED BEFORE 4/1/91	#1 2 OR 4 FUEL OIL	1080	UNDERGROUND	12/30	
7	CLOSED BEFORE 4/1/91	#1 2 OR 4 FUEL OIL	1080	UNDERGROUND	12/68	
8	CLOSED BEFORE 4/1/91	#1 2 OR 4 FUEL OIL	1080	UNDERGROUND	12/57	
9	CLOSED BEFORE 4/1/91	OTHER	1080	UNDERGROUND	12/67	

Map Identification Number 35

JACMOR TRANSPORATION INC
97-26 99TH STREET

Facility Id 2-083275

OZONE PARK, NY 11420

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING

Approximate distance from property: 732 feet

ADDRESS CHANGE INFORMATION

Revised street: 9726 99TH STREET

Revised zip code: 11416

TANK NUMBER	TANK STATUS	TANK CONTENT	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	TEST DATE
1	IN SERVICE	UNLEADED GASOLINE	1000	UNDERGROUND	00/00	
2	IN SERVICE	UNLEADED GASOLINE	550	UNDERGROUND	00/00	
3	IN SERVICE	#1 2 OR 4 FUEL OIL	275	ABOVEGROUND	00/00	

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
UNLEADED GASOLINE	113373000	X	X			X	



*** CHEMICAL STORAGE FACILITIES IDENTIFIED WITHIN 1/4 MILE SEARCH RADIUS ***

Map Identification Number 54

OZONE INDUSTRIES INC.
101-32 101ST ST.

Facility Id 2-000073

OZONE PARK, NY 11416

MAP LOCATION INFORMATION

Site location mapped by: ADDRESS MATCHING
Approximate distance from property: 73 feet

ADDRESS CHANGE INFORMATION

Revised street: 10132 101ST ST.
Revised zip code: NO CHANGE

Site Status: ACTIVE Site Type: MANUFACTURING

TANK NUMBER	TANK STATUS	CHEMICAL NAME	CAPACITY GALLONS	TANK LOCATION	INSTALL DATE	DATE CLOSED
4	IN SERVICE	ETHYLENE, TRICHLORO-	2000	UNDERGROUND VAULTED W/ ACCESS	12/60	

Toxicity Information Summary

CHEMICAL NAME	CAS-NO	ACUTE TOX	TUMOR TOX	MUTAG TOX	REPRO TOX	IRRIT TOX	MCL
ETHYLENE, TRICHLORO-	79016	X	X	X	X	X	5 ug/L

*PHASE II ENVIRONMENTAL
SUBSURFACE INVESTIGATION
PROPERTY LOCATED AT
101-21 101st Street
OZONE PARK, NEW YORK*

Prepared for:

STADTMAUER BAILKIN, LLP
110 EAST 59th STREET
NEW YORK, NEW YORK

and

AMSTER NOVELTY COMPANY
75-13 71st AVENUE
MIDDLE VILLAGE, NEW YORK

Prepared by:

EEA, Inc.

55 Hilton Avenue
Garden City, New York 11530
(516) 746-4400
(212) 227-3200

DECEMBER 1995

Project: 95739

**PHASE II ENVIRONMENTAL SUBSURFACE INVESTIGATION
101-21 101st STREET
OZONE PARK, NEW YORK**

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PHASE II ENVIRONMENTAL SUBSURFACE INVESTIGATION
101-21 101st STREET
OZONE PARK, NEW YORK

INTRODUCTION

EEA, Inc. has completed a Phase II Environmental Subsurface Investigation of the property located at 101-21 101st Street in Ozone Park, New York. EEA, Inc. previously prepared a Phase I Environmental Site Assessment (ESA-95267) for this property in November 1995. The purpose of this Phase II Investigation was to determine if there was contamination of subsurface soils in specific areas of the property, based on the findings of the Phase I Environmental Site Assessment. This work is specifically outlined in the Scope of Work. (For more detailed and specific information regarding the findings, refer to EEA's ESA-95267).

SCOPE OF WORK

- Exterior Drainage Structures in Parking Area

An outdoor trench drain and drywell were noted in the parking lot of the property. Soil samples were collected to a depth of 10 feet below the bottom of the drywell in an adjacent soil boring. One soil sample (B-10) was collected and tested for total petroleum hydrocarbons (USEPA Method 418.1), volatile organic compounds (USEPA Method 8240), and RCRA Metals (USEPA Method SW-846).

- Interior Floor Vault

A trap cover/floor vault was noted in the southwest corner of Building 9, adjacent to a chemical storage/process area. This vault was opened, and an inspection of its contents was made. A sample was collected of the bottom materials, and field tested for petroleum hydrocarbons and volatile organic compounds using a portable organic vapor detector (OVA) (FP-10). A sample was sent to the laboratory for analysis of total petroleum hydrocarbons.

- Underground Storage Tanks

- Former Trichloroethylene Tank

A 1,080-gallon trichloroethylene tank was abandoned in place inside Building 9. Three (3) soil borings were performed adjacent to the tank to a depth below the tank's invert. One soil sample from each boring was tested for TCE using USEPA Method 8010.

- Former 2,500-gallon Fuel Oil Tanks

Two former fuel oil tanks were noted to have been in use on the property. One tank has reportedly been removed, and another has been abandoned in place. Three (3) soil borings were performed adjacent to each tank to a depth below the tanks' invert. One sample from each boring was tested for total petroleum hydrocarbons using USEPA Method 418.1.

SAMPLING METHODOLOGY

a. Soil Borings

At each on-site sampling location, soil samples were obtained by utilizing a steel, 24-inch, split spoon sampler, which was driven through the subsurface levels ahead of a hollow stem (6-inch) auger, which bored into the soil to the desired sampling depth. The split-spoon sampler was driven through the top two feet of soil to obtain the surface sample, which was composited and placed in properly refrigerated containers.

The auger then bored down to a depth of two feet. A split-spoon sampler was then inserted in the hollow stem and driven to a depth of four feet to obtain the first intermediate sample. Next, the auger bore down to four feet and the split-spoon sampler driven to six feet, to obtain the second intermediate sample. This procedure was repeated until the deep sample was obtained.

An organic vapor analysis (OVA) was performed on all soil samples using a Foxboro Century 128 flame-ionization detector. The sample producing the highest organic vapor reading was sent to the laboratory for analysis. If no readings were found, the sample from just below the surface grade material was selected.

b. Quality Assurance and Control

To avoid contamination and cross-contamination of samples, all sampling equipment was cleaned before each sample was collected. The split-spoon and hollow-stem auger were first steam cleaned. The following procedures were followed:

- Step 1: Steam clean equipment.
- Step 2: Scrub with a bristle brush using a non-phosphate detergent (such as Alconox) in hot tap water.
- Step 3: Rinse with hot tap water.
- Step 4: Rinse twice with deionized water.
- Step 5: Air dry.

Step 6: Rinse twice with deionized water.

Step 7: Air dry.

Step 8: Keep in clean unused aluminum foil.

This decontamination procedure was used for all borings.

A chain-of-custody record is kept at all times with the samples. This record documents sample collection date/time and collector. The chain-of-custody, drilling logs, and monitoring well construction details are presented in the Appendix to this report.

RESULTS OF LABORATORY ANALYSES

The results of the soil samples were prepared by NYTest Environmental, Inc. (New York State ELPA certified NYSDOH ID #10195). Tables 1 through 4 present a summary of the results. The chain-of-custody records, as well as the analytical laboratory data sheets, are presented in the Appendix to this report.

FINDINGS AND CONCLUSIONS

- Exterior Drainage Structures

An outdoor trench drain and catch basin are located in the vicinity of the loading dock in the parking area of the facility. Figure 1 shows the location of these structures and the sample collection points.

The system consists of a catch basin and interconnected trench drain used to collect any cutting oils which may have leaked from the metal shavings recycling container.

The trench drain and catch basin were inspected and found to be constructed of concrete with no discharge lines to soils or other drainage structures. When the catch basin would fill with oil and water, a waste scavenger was contracted to pump out the contents.

One soil boring (B-10) was performed in this area to document soil conditions. Results of laboratory analyses do not show contamination of soils with petroleum hydrocarbons, volatile organic compounds, or RCRA metals above the New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objectives (TAGM).

Tables 1, 3, and 4 show a summary of the laboratory results.

- Interior Floor Vault

A floor vault is located in the southwest corner of Building No. 9. The depth of this vault is four feet. Oily sludges were found overlying a concrete bottom. The thickness of these materials is one foot. A sample (FP-01) was collected in order to confirm that petroleum was present.

Results of laboratory analyses show that there is 18,000 mg/kg of total petroleum hydrocarbons in this material.

- Underground Storage Tanks

- Former Trichloroethene Tank

Results of laboratory analyses for soil samples collected from around the tank show low concentrations of Trichloroethene (B-4, 180 $\mu\text{g}/\text{kg}$, and B-6, 5.2 $\mu\text{g}/\text{kg}$) and 1,1,1 Trichloroethane (B-4, 13 $\mu\text{g}/\text{kg}$) in samples tested adjacent to and below the tank invert.

Although sample results show the presence of TCE, the concentrations are below the NYSDEC Recommended Soil Cleanup Objectives of 700 $\mu\text{g}/\text{kg}$ for Trichloroethene and 800 $\mu\text{g}/\text{kg}$ for 1,1,1 Trichloroethane.

A summary of the laboratory results and a comparison to NYSDEC guidelines is presented in the Appendix to this report. Figure 1 shows the sample collection locations.

- Former 2,500-Gallon Fuel Oil Tanks

Results of laboratory analyses of soil samples collected from around these tanks do not indicate that these two tanks have leaked oil into the surrounding soils. On-site visual and organic vapor instrument (OVA) observations did not indicate any petroleum present in soils collected. There is presently no cleanup guideline for total petroleum hydrocarbons, but from our experience, the NYSDEC considers anything over 100 mg/kg as potentially requiring remediation. All samples collected were below this concentration.

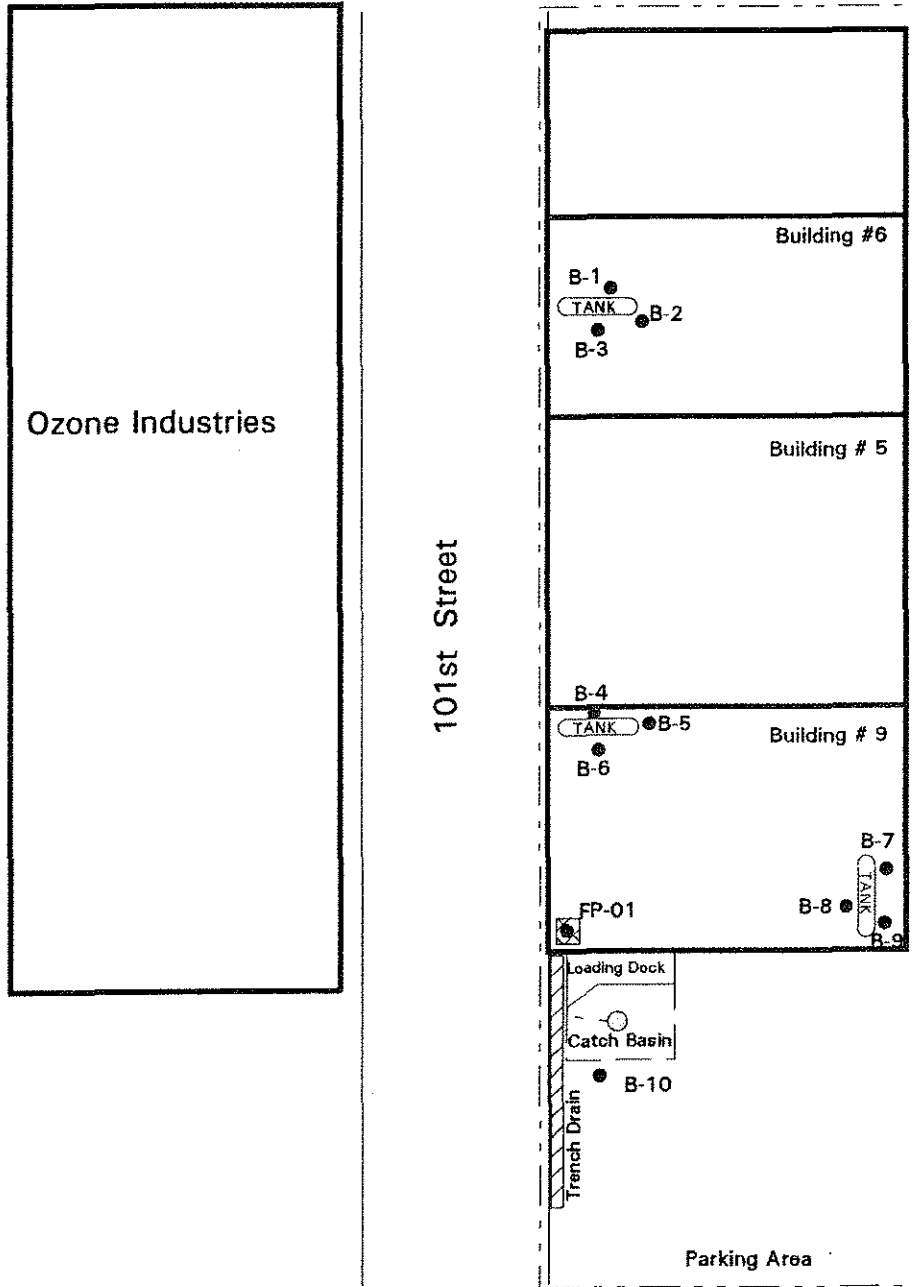
Table 1 shows a summary of the laboratory results. The sample collection locations are shown on Figure 1.

RECOMMENDATIONS

The petroleum-contaminated sediments located on the bottom of the interior floor vault should be cleaned out and disposed of in a NYSDEC approved manner.

EEA Inc.
55 Hilton Avenue
Garden City, New York

Sample Collection Locations



not to scale

Property Located at:
101-32 101st Street
Ozone Park, New York

● - Sample Collection Point

Figure 1

TABLE 1

**TOTAL PETROLEUM HYDROCARBONS (TPHC)
USEPA METHOD 418.1**

Sample Collection Location and Depth	TPHC (mg/kg)
B-1 7-9 ft	61
B-2 7-9 ft	46
B-3 7-9 ft	58
B-7 7-9 ft	76
B-8 7-9 ft	62
B-9 7-9 ft	80
B-10 7-9 ft	40
FP-01	18,000

mg/kg - presented in milligrams per kilogram, parts per million

TABLE 2
RESULTS VOLATILE ORGANIC CHEMICAL COMPOUNDS
USEPA METHOD 8010

Analytical Parameters ($\mu\text{g}/\text{kg}$)	Sample Collection Location and Depth			NYSDEC ¹ Recommended Cleanup Objectives (TAGM)
	B-4 7-9 ft	B-5 7-9 ft	B-6 7-9 ft	
Chloromethane	ND	ND	ND	1,900
Vinyl Chloride	ND	ND	ND	200
Bromomethane	ND	ND	ND	NA
Chloroethane	ND	ND	ND	1,900
Trichlorofluomethane	ND	ND	ND	NA
1,1 Dichloroethene	ND	ND	ND	400
Methylene Chloride	ND	ND	ND	100
t-1,2-Dichloroethene	ND	ND	ND	300
1,1 Dichloroethane	ND	ND	ND	200
Chloroform	ND	ND	ND	300
111 Trichloroethane	13	ND	ND	800
Carbon Tetrachloride	ND	ND	ND	600
1,2 Dichloroethane	ND	ND	ND	100
Trichloroethene	180	ND	5.2	700
1,2 Dichloropropane	ND	ND	ND	300
Bromodichloromethane	ND	ND	ND	NA
2chloroethvinylether	ND	ND	ND	NA
t-1,3 Dichloropropene	ND	ND	ND	NA
c 13 Dichloropropene	ND	ND	ND	NA
112 Trichloroethane	ND	ND	ND	NA
Tetrachloroethene	ND	ND	ND	1,400
Chlorodibromomethane	ND	ND	ND	NA
Chlorobenzene	ND	ND	ND	1,700
Bromoform	ND	ND	ND	NA
1122Tetrachloroethane	ND	ND	ND	600
m Dichlorobenzene	ND	ND	ND	7,900

TABLE 2 - Continued

RESULTS ORGANIC CHEMICAL COMPOUNDS
USPA METHODS 8010, 8020 and 8260

Analytical Parameters ($\mu\text{g}/\text{kg}$)	Sample Collection Location and Depth			NYSDEC ¹ Recommended Cleanup Objectives (TAGM)
	B-4 7-9 ft	B-5 7-9 ft	B-6 7-9 ft	
p Dichlorobenzene	ND	ND	ND	1,600
o Dichlorobenzene	ND	ND	ND	8,500
Dichlorodifluomethane	ND	ND	ND	NA

$\mu\text{g}/\text{kg}$ - presented in parts per billion, micrograms per kilogram

NA - Not available

ND - Not detected above method detection limits

¹ New York State Department of Environmental Conservation,
Technical and Administrative Guidance Memorandum (TAGM),
Recommended Soil Cleanup Objectives January 24, 1994 (Revised).

TABLE 3

**RESULTS VOLATILE ORGANIC CHEMICAL COMPOUNDS
USEPA METHOD 8240**

Analytical Parameters ($\mu\text{g}/\text{kg}$)	Sample Collection Location and Depth	
	B-10 12-14	NYSDEC ¹ Recommended Cleanup Soil Guidelines (TAGM)
Chloromethane	ND	1,900
Vinyl Chloride	ND	200
Bromomethane	ND	NA
Chloroethane	ND	1,900
1,1 Dichloroethane	ND	400
Methylene Chloride	ND	100
t-1,2-Dichloroethane	ND	300
1,1 Dichloroethane	ND	200
Chloroform	ND	300
111 Trichloroethane	ND	800
Carbon Tetrachloride	ND	600
Benzene	ND	60
1,2 Dichloroethane	ND	100
Trichloroethene	2	700
1,2 Dichloropropane	ND	300
Bromodichloromethane	ND	NA
t-1,3 Dichloropropene	ND	NA
Toluene	ND	1,500
Tetrachloroethene	1	1,400
Chlorodibromomethane	ND	NA
Chlorobenzene	ND	1,700
Ethyl Benzene	ND	5,500
Xylene (total)	ND	1,200
Acetone	ND	NA
Carbon Disulfide	ND	NA
2-Butanone	ND	NA
4-Methyl-2-Pentanone	ND	NA
2-Hexanone	ND	NA

TABLE 3 - Continued

RESULTS VOLATILE ORGANIC CHEMICAL COMPOUNDS
EPA METHOD 8240

Analytical Parameters ($\mu\text{g}/\text{kg}$)	Sample Collection Location and Depth	
	B-10 12-14	NYSDEC ¹ Recommended Cleanup Soil Guidelines (TAGM)
Bromoform	ND	NA
1,1,2,2-Tetrachloroethane	ND	600
Vinyl Acetate	ND	NA

$\mu\text{g}/\text{kg}$ - presented in parts per billion, micrograms per kilogram

NA - Not available, no guideline has been established

ND - Not detected above method level detection limits

¹ New York State Department of Environmental Conservation
Technical and Administrative Guidance Memorandum (TAGM) - Revised 1/94

TABLE 4
RCRA METALS (SOIL)

Sample Collection Location and Depth		Analytical Parameters (mg/kg)							
		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
B-10	12-14 ft	<0.211	16.5	<0.264	4.3	9.32	<0.105	<0.211	<0.527
NYSDEC Recommended Cleanup Objectives (TAGM)		7.5 or SB	300 or SB	10 or SB	50 or SB	SB	0.1	2 or SB	SB

mg/kg - presented in parts per million

SB - Cleanup guidelines are either site background or established level (whichever is lower)

APPENDIX

*CHAIN-OF-CUSTODY RECORD
LABORATORY DATA SHEETS
SOIL BORING REPORT LOGS*



Chain of Custody Record

Client Name: FEH, Inc.
 Address: 55 Hudson Ave.
Brooklyn, NY 11530
 Project Manager: W. B. Brown
 Phone: 746-4400 FAX: 746-4432
 Project Name: CELENE INDUSTRIES
 Project Number: CEI 915139
 P.O. #: 4579
 Analytical Protocol: _____ Deliverables: _____
 Sampled By: W. Brown

Analysis Requested

No. of Containers	TYPIC	VOC	VOC	PCPA Metals														
	EPA Method 415.1	EPA Method 8100	VOC	EPA Method 8210														

Login #: _____
 Ship to: _____
 Nytest Environmental Inc.
 60 Seaview Blvd
 Port Washington N.Y. 11050
 Attn.: Sample Control
 Date Shipped: _____
 Carrier: _____
 Air Bill #: _____
 Cooler #: _____
 C of C #: _____
 SDG #: _____
 NEI QT #: _____

Lab ID (Lab Use Only)	Sample ID (Maximum of 6 Characters)	Date Sampled	Time Sampled	Sample Description	No. of Containers	Bin #'s In/Out (For Lab Use Only)	Bin #1	Bin #2	Bin #3	Bin #4	Bin #5	Bin #6	Bin #7	Bin #8	Bin #9	Bin #10	Bin #11	Bin #12	
B1		7/1/95	1000	B1 7-9-95	1														
B2		7/1/95	1015	B2 7-9-95	1														
B3		7/1/95	1010	B3 7-9-95	1														
EP01		7/1/95	1000	Floor Pad #1	1														
B4		7/1/95	1000	B4 7-9-95	1														
B5		7/1/95	1115	B5 7-9-95	1														
B6		7/1/95	1130	B6 7-9-95	1														
B7		7/1/95	1345	B7 7-9-95	1														
B8		7/1/95	1300	B8 7-9-95	1														
B9		7/1/95	1350	B9 7-9-95	1														

Comments: Soil

Relinquished by: <u>W. Brown</u>	Date / Time: <u>7/1/95 1500</u>	Received by: _____	Date / Time: _____
Print Name: _____		Print Name: _____	
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____
Print Name: _____		Print Name: _____	
Relinquished by: _____	Date / Time: _____	Received by: <u>Michael L...</u>	Date / Time: <u>7/1/95 1500</u>
Print Name: _____		Print Name: _____	

Lab Use Only

Custody Seals: Intact Broken Absent

Sample Rec'd in Good Condition?: Y N

Sample Temperature: 11 Degrees Celsius

INSPECTED BY: ML

COMMENTS: _____

Special Instructions: NEI Work # 8543 * Results due on 12/8/95



Chain of Custody Record

Client Name: PCB, INC.
 Address: 33 HIGHL. AVE.
CARLETON CITY NY 11530
 Project Manager: NICK BELLIA
 Phone: 716-496-1916 FAX: 716-496-4452
 Project Name: PCB INDUSTRIES
 Project Number: 1011-17131
 P.O. #: 12131
 Analytical Protocol: _____ Deliverables: _____
 Sampled By: N. Bellia

Analysis Requested	
No. of Containers	EPA Method 418.1
	EPA Method 8340
	RCRA Metals

Login #: _____
 Ship to: _____
 Nytest Environmental Inc.
 60 Seaview Blvd
 Port Washington N.Y. 11050
 Attn.: Sample Control
 Date Shipped: _____
 Carrier: _____
 Air Bill #: _____
 Cooler #: _____
 C of C #: _____
 SDG #: _____
 NEI QT #: _____

Lab ID (Lab Use Only)	Sample ID (Maximum of 6 Characters)	Date Sampled	Time Sampled	Sample Description	No. of Containers	Bin #'s In/Out (For Lab Use Only)
	B10	7/1/95	1430	B-10 12-11-11	3	✓ ✓ ✓

Comments: SOIL

Relinquished by: <u>Nick Bellia</u>	Date / Time: <u>7/1/95 1550</u>	Received by: _____	Date / Time: _____
Print Name: _____		Print Name: _____	
Relinquished by: _____	Date / Time: _____	Received by: _____	Date / Time: _____
Print Name: _____		Print Name: _____	
Relinquished by: _____	Date / Time: _____	Received by: <u>Michael Loni</u>	Date / Time: <u>12/1/95 1550</u>
Print Name: _____		Print Name: _____	

Lab Use Only

Custody Seals: Intact Broken Absent

Sample Rec'd in Good Condition?: Y N

Sample Temperature: 11 Degrees Celsius

INSPECTED BY: ML

COMMENTS: _____

Special Instructions: NET Quote # 8543 * Results due on 12/8/95

NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

We find as follows :

Log In No : 25808

Results in mg/Kg(dry basis) :

<u>Sample Identification</u>	<u>Parameter(s)</u>
Soil Method Blank	10 U
Soil Method Detection Limit	10

<u>LAB ID</u>	<u>CLIENT ID</u>	
2580801	B1	61
2580802	B2	46
2580803	B3	58
2580804	FP01	18000
2580808	B7	76
2580809	B8	62
2580810	B9	80
2580811	B10	40

U : Below method blank / method reporting limit

8010 - FORM 1
 NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: WATER SAMPLE ID: B4
 CONC. LEVEL: LOW LAB ID: 2580805
 DATE RECEIVED: 12/01/95 DIL FACTOR: 5.00
 DATE ANALYZED: 12/04/95 % MOISTURE: 5

UG/L

CPD #	CAS Number	VOLATILE COMPOUNDS	UG/L
1	74-87-3	Chloromethane	5.3 U
2	74-83-9	Bromomethane	5.3 U
3	75-01-4	Vinyl Chloride	5.3 U
4	75-00-3	Chloroethane	5.3 U
5	75-09-2	Methylene Chloride	14.0 B
6	75-35-4	1,1-Dichloroethene	5.3 U
7	75-34-3	1,1-Dichloroethane	5.3 U
8	156-60-5	trans-1,2-Dichloroethene	5.3 U
9	67-66-3	Chloroform	5.3 U
10	107-06-2	1,2-Dichloroethane	5.3 U
11	71-55-6	1,1,1-Trichloroethane	13.0
12	86-23-5	Carbon Tetrachloride	5.3 U
13	75-27-4	Bromodichloromethane	5.3 U
14	78-87-5	1,2-Dichloropropane	5.3 U
15	10061-01-5	cis-1,3-Dichloropropene	5.3 U
16	79-01-6	Trichloroethene	140.0
17	124-48-1	Dibromochloromethane	5.3 U
18	79-00-5	1,1,1-Trichloroethane	5.3 U
19	10061-02-6	trans-1,3-Dichloropropene	5.3 U
20	127-18-4	Tetrachloroethene	5.3 U
21	79-34-5	1,1,2,2-Tetrachloroethane	5.3 U
22	108-90-7	Chlorobenzene	5.3 U
23	75-71-8	Dichlorodifluoromethane	5.3 U
24	75-69-4	Trichlorofluoromethane	5.3 U
25	95-50-1	1,2-Dichlorobenzene	5.3 U
26	541-73-1	1,3-Dichlorobenzene	5.3 U
27	106-46-7	1,4-Dichlorobenzene	5.3 U
28	75-25-2	Bromoform	5.3 U

8010 - FORM 1
 NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: WATER SAMPLE ID: B6
 CONC. LEVEL: LOW LAB ID: 2580807
 DATE RECEIVED: 12/01/95 DIL FACTOR: 1.00
 DATE ANALYZED: 12/04/95 % MOISTURE: 3

CMPD #	CAS Number	VOLATILE COMPOUNDS	UG/L
1	74-87-3	Chloromethane	1.0 U
2	74-83-9	Bromomethane	1.0 U
3	75-01-4	Vinyl Chloride	1.0 U
4	75-00-3	Chloroethane	1.0 U
5	75-09-2	Methylene Chloride	1.8 B
6	75-35-4	1,1-Dichloroethane	1.0 U
7	75-34-3	1,1-Dichloroethane	1.0 U
8	156-60-5	trans-1,2-Dichloroethene	1.0 U
9	67-66-3	Chloroform	1.0 U
10	107-06-2	1,2-Dichloroethane	1.0 U
11	71-55-6	1,1,1-Trichloroethane	1.0 U
12	56-23-5	Carbon Tetrachloride	1.0 U
13	75-27-4	Bromodichloromethane	1.0 U
14	78-87-5	1,2-Dichloropropane	1.0 U
15	10061-01-5	cis-1,3-Dichloropropene	1.0 U
16	79-01-6	Trichloroethene	5.2
17	124-48-1	Dibromochloromethane	1.0 U
18	79-00-5	1,1,2-Trichloroethane	1.0 U
19	10061-02-6	trans-1,3-Dichloropropene	1.0 U
20	127-18-4	Tetrachloroethene	1.0 U
21	79-34-5	1,1,2,2-Tetrachloroethane	1.0 U
22	108-90-7	Chlorobenzene	1.0 U
23	75-71-8	Dichlorodifluoromethane	1.0 U
24	75-69-4	Trichlorofluoromethane	1.0 U
25	95-50-1	1,2-Dichlorobenzene	1.0 U
26	541-73-1	1,3-Dichlorobenzene	1.0 U
27	106-46-7	1,4-Dichlorobenzene	1.0 U
28	75-25-2	Bromoform	1.0 U

9010 - FORM 1
 NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: WATER SAMPLE ID: B5
 CONC. LEVEL: LOW LAB ID: 2580806
 DATE RECEIVED: 12/01/95 DIL FACTOR: 1.00
 DATE ANALYZED: 12/04/95 % MOISTURE: 3

UG/L

CMPD #	CAS Number	VOLATILE COMPOUNDS	
1	74-87-3	Chloromethane	1.0 U
2	74-83-9	Bromomethane	1.0 U
3	75-01-4	Vinyl Chloride	1.0 U
4	75-00-3	Chloroethane	1.0 U
5	75-09-2	Methylene Chloride	1.9 B
6	75-35-4	1,1-Dichloroethene	1.0 U
7	75-34-3	1,1-Dichloroethane	1.0 U
8	156-60-5	trans-1,2-Dichloroethene	1.0 U
9	67-66-3	Chloroform	1.0 U
10	107-06-2	1,2-Dichloroethane	1.0 U
11	71-55-6	1,1,1-Trichloroethane	1.0 U
12	56-23-5	Carbon Tetrachloride	1.0 U
13	75-27-4	Bromodichloromethane	1.0 U
14	78-87-5	1,2-Dichloropropane	1.0 U
15	10061-01-5	cis-1,3-Dichloropropene	1.0 U
16	75-31-6	Trichloroethene	1.0 U
17	124-48-1	Dibromochloromethane	1.0 U
18	79-00-5	1,1,2-Trichloroethane	1.0 U
19	10061-02-6	trans-1,3-Dichloropropene	1.0 U
20	127-18-4	Tetrachloroethene	1.0 U
21	79-34-5	1,1,2,2-Tetrachloroethane	1.0 U
22	108-90-7	Chlorobenzene	1.0 U
23	75-71-8	Dichlorodifluoromethane	1.0 U
24	75-69-4	Trichlorofluoromethane	1.0 U
25	95-50-1	1,2-Dichlorobenzene	1.0 U
26	541-73-1	1,3-Dichlorobenzene	1.0 U
27	106-46-7	1,4-Dichlorobenzene	1.0 U
28	75-25-2	Bromoform	1.0 U

8010 - FORM 1
 NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX: WATER SAMPLE ID: VBLK45
 CONC. LEVEL: LOW LAB ID: VBLK45
 DATE RECEIVED: NA DIL FACTOR: 1.00
 DATE ANALYZED: 12/04/95 % MOISTURE: NA
 UG/L

CMPD #	CAS Number	VOLATILE COMPOUNDS	UG/L
1	74-87-3	Chloromethane	1.0 U
2	74-83-9	Bromomethane	1.0 U
3	75-01-4	Vinyl Chloride	1.0 U
4	75-00-3	Chloroethane	1.0 U
5	75-09-2	Methylene Chloride	1.8
6	75-35-4	1,1-Dichloroethene	1.0 U
7	75-34-3	1,1-Dichloroethane	1.0 U
8	156-60-5	trans-1,2-Dichloroethene	1.0 U
9	67-66-3	Chloroform	1.0 U
10	107-06-2	1,2-Dichloroethane	1.0 U
11	71-55-6	1,1,1-Trichloroethane	1.0 U
12	56-23-5	Carbon Tetrachloride	1.0 U
13	75-27-4	Bromodichloromethane	1.0 U
14	78-87-5	1,2-Dichloropropane	1.0 U
15	10061-01-5	cis-1,3-Dichloropropene	1.0 U
16	79-01-6	Trichloroethene	1.0 U
17	124-48-1	Dibromochloromethane	1.0 U
18	79-00-5	1,1,2-Trichloroethane	1.0 U
19	10061-02-6	trans-1,3-Dichloropropene	1.0 U
20	127-18-4	Tetrachloroethene	1.0 U
21	79-34-5	1,1,2,2-Tetrachloroethane	1.0 U
22	108-90-7	Chlorobenzene	1.0 U
23	75-71-8	Dichlorodifluoromethane	1.0 U
24	75-69-4	Trichlorofluoromethane	1.0 U
25	95-50-1	1,2-Dichlorobenzene	1.0 U
26	541-73-1	1,3-Dichlorobenzene	1.0 U
27	106-46-7	1,4-Dichlorobenzene	1.0 U
28	75-25-2	Bromoform	1.0 U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B10

Lab Name: NYTEST ENV INC

Contract: 9522082

Lab Code: NYTEST

Case No.: 25808

SAS No.:

SDG No.: 25808

Matrix: (soil/water) SOIL

Lab Sample ID: 2580811

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: N5514.D

Level: (low/med) LOW

Date Received: 12/01/95

% Moisture: not dec. 5

Data Analyzed: 12/05/95

Column: (pack/cap) CAP

Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	-----Chloromethane	10	U
74-83-9	-----Bromomethane	10	U
75-01-4	-----Vinyl Chloride	10	U
75-00-3	-----Chloroethane	10	U
75-09-2	-----Methylene Chloride	12	B
67-64-1	-----Acetone	6	JB
75-15-0	-----Carbon Disulfide	10	U
75-35-4	-----1,1-Dichloroethene	10	U
75-34-3	-----1,1-Dichloroethane	10	U
540-59-0	-----1,2-Dichloroethene (total)	10	U
67-66-3	-----Chloroform	10	U
107-06-2	-----1,2-Dichloroethane	10	U
78-93-3	-----2-Butanone	10	U
71-55-6	-----1,1,1-Trichloroethane	10	U
56-23-5	-----Carbon Tetrachloride	10	U
75-27-4	-----Bromodichloromethane	10	U
78-87-5	-----1,2-Dichloropropane	10	U
10061-01-5	-----cis-1,3-Dichloropropene	10	U
79-01-6	-----Trichloroethene	2	J
124-48-1	-----Dibromochloromethane	10	U
79-00-5	-----1,1,2-Trichloroethane	10	U
71-43-2	-----Benzene	10	U
10061-02-6	-----trans-1,3-Dichloropropene	10	U
75-25-2	-----Bromoform	10	U
108-10-1	-----4-Methyl-2-Pentanone	10	U
591-78-6	-----2-Hexanone	10	U
127-18-4	-----Tetrachloroethene	1	J
79-34-5	-----1,1,2,2-Tetrachloroethane	10	U
108-88-3	-----Toluene	10	U
108-90-7	-----Chlorobenzene	10	U
100-41-4	-----Ethylbenzene	10	U
100-42-5	-----Styrene	10	U
1330-20-7	-----Xylene (total)	10	U
108-05-4	-----Vinyl Acetate	10	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKN53

Lab Name: NYTEST ENV INC

Contract: 9522082

Lab Code: NYTEST

Case No.: 25808

SAS No.:

SDG No.: 25808

Matrix: (soil/water) SOIL

Lab Sample ID: VBLKN53

Sample wt/vol: 5.0 (g/mL) G

Lab File ID: N5502.D

Level: (low/med) LOW

Date Received: 00/00/00

% Moisture: not dec. 0

Data Analyzed: 12/04/95

Column: (pack/cap) CAP

Dilution Factor: 1.0

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	10	
67-64-1	Acetone	5	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethane	10	U
75-34-3	1,1-Dichloroethane	10	U
540-59-0	1,2-Dichloroethene (total)	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-88-3	Toluene	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Xylene (total)	10	U
108-05-4	Vinyl Acetate	10	U

FINAL REPORT

PAGE : 1

This is a final report.

The results have been checked and authorized for release.

NEI
 ATTN: TOM PETRELLA
 60 SEAVIEW BLVD.
 BOX 1518
 PORT WASHINGTON, NY 11050
 Ref TASK# 30 LOGIN# 23808

Date : Dec 06 93
 NEI # : 80-0504-0100
 P.O.# :
 Order# : 69711

NEI Sample #: 329869
 Location : SOIL 23808-11
 Client ID :

Sampled : 12/01/95
 Date Received : 12/04/95
 Sampler : See Chain of Custody

Test Description	Results	Units	Test Method
Solids, Total (%) by CLIENT on 12/04/95			STD METHOD # 2340C
Total Solids	94.8	%	
Comment: All applicable results for this sample reported on dry weight basis			
Silver by J. PRATT on 12/05/95			EPA # 6010
Silver	< 0.927	ng/kg	
Arsenic (Graphite Analysis) by THOMAS E. SACKETT on 12/05/95			EPA # 7060
Arsenic	< 0.211	ng/kg	
Barium by J. PRATT on 12/05/95			EPA # 6010
Barium	16.5	ng/kg	
Cadmium by J. PRATT on 12/05/95			EPA # 6010
Cadmium	< 0.264	ng/kg	
Chromium as Cr by J. PRATT on 12/05/95			EPA # 6010
Chromium	4.30	ng/kg	
Mercury by R.V. PATHAK on 12/06/95			EPA # 7471
Mercury	< 0.105	ng/kg	
Metal Digestion by TANIKIA D. THOMAS on 12/05/95			EPA # 3050
Metal Digestion	12/5/95	N/D/Y	
Metal Digestion, Furnace by TANIKIA D. THOMAS on 12/05/95			EPA # 3050
Metal Digestion	12/5/95	N/D/Y	
Lead by J. PRATT on 12/05/95			EPA # 6010
Lead	9.32	ng/kg	

FINAL REPORT

PAGE : 2

This is a final report.

The results have been checked and authorized for release.

NEI
ATTN: TOM PETRELLA
60 SEAVIEW BLVD.
BOX 1518
PORT WASHINGTON, NY 11050
Ref TASK# 30 LOG# 25008

Date : Dec 06 95
NEI # : 80-0504-0100
P.O.# :
Order# : 69711

NEI Sample #: 529869
Location : SOIL 25008-11
Client ID :

Sampled : 12/01/95
Date Received : 12/04/95
Sampler : See Chain of Custody

Test Description	Results	Units	Test Method
Selenium - Graphite Furnace by THOMAS E. SACKETT on 12/05/95			EPA # 7740
Selenium	< 0.211	ng/kg	

FINAL REPORT

PAGE : 3

This is a final report.

The results have been checked and authorized for release.

NEI
 ATTN: TOM PETKELLA
 60 SEAVIEW BLVD.
 BOX 1518
 PORT WASHINGTON, NY 11050
 Ref TASKW 30 LOGINN Z9808

Date : Dec 06 95
 NEI # : 80-0504-0100
 P.O.# :
 Order# : 69711


NEI Sample #: 529869
 Location : SOIL Z9808-11
 Client ID :

Sampled : 12/01/95
 Date Received : 12/04/95
 Sampler : See Chain of Custody

Test Description	Results	Units	Test Method
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End of Report

This report for order 69711 is certified by:


 Roberto J. Alessandro, Ph.D.
 Laboratory Director
 NEI of Pennsylvania, Inc.

Lab Certifications:

PA - 46-007	HJ - 77012	AL - 40300	AD - 136	VA - 00023
SC - 09005	BV - 9912(C)	DE - PNO20	ND - R-018	NC - 433
WI - 0054	NYDOM - 11136			

Florida Comprehensive DAP # 920154G
 Tennessee Division of Underground Storage

Energy and Environmental Analysts, Inc.

55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95			SHEET 1 OF 1			
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP			LOCATION ID#			
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York			B-1			
REMARKS Abandoned 2500 gal Fuel Oil Tank			PROJECT # 95739			
DRILLING CONTRACTER TSDT, INC.		LOGGED BY NJR		DRILLER PR		
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS			DRILL RIG DRILL METHOD
		Tripod	---			
TYPE	STD	Assembly				
SIZE	2	2 inch				
SURFACE ELEVATION NA		SURFACE CONDITIONS Wood Flooring overlying Concrete				

WATER LEVEL (IN OPEN BOREHOLE) no water encountered

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
				Dry	0.8	Wood Flooring over Concrete
	S-1	1-3	0	↓		
	S-2	3-5	0			Brown-Tan Fine-Medium SAND trace gravel
5	S-3	5-7	0			
	S-4	7-9	0	▼		
10						
15						
20						
25						
30						

End of Boring @ 9 FT

Energy and Environmental Analysts, Inc.
55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95		SHEET 1 OF 1	
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP		LOCATION ID#	
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York		B-2	
REMARKS Abandoned 2500 gal Fuel Oil Tank		PROJECT # 95739	
DRILLING CONTRACTER TSDT, INC.		LOGGED BY NJR	DRILLER PR
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS
TYPE	STD	Tripod	---
SIZE	2	2 inch	
SURFACE ELEVATION NA		SURFACE CONDITIONS Wood Flooring overlying Concrete	
WATER LEVEL (IN OPEN BOREHOLE) no water encountered			

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
				Dry	0.8	Wood Flooring over Concrete
	S-1	1-3	0			Brown-Tan Fine-Medium SAND trace gravel ↓ End of Boring @ 9 FT
	S-2	3-5	0			
5	S-3	5-7	0			
	S-4	7-9	0			
10						
15						
20						
25						
30						

Energy and Environmental Analysts, Inc.
55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95			SHEET 1 OF 1			
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP			LOCATION ID#			
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York			B-3			
REMARKS Abondoned 2500 gal Fuel Oil Tank			PROJECT # 95739			
DRILLING CONTRACTER TSDT,INC.		LOGGED BY NJR		DRILLER PR		
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS			DRILL RIG DRILL METHOD Portable Tripod Assembly
TYPE	STD	Tripod Assembly	---			
SIZE	2	2 inch				
SURFACE ELEVATION NA		SURFACE CONDITIONS Wood Flooring overlying Concrete				
WATER LEVEL (IN OPEN BOREHOLE) no water encountered						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
				Dry	0.8	Wood Flooring over Concrete
	S-1	1-3	0			Brown-Tan Fine-Medium SAND trace gravel ↓ End of Boring @ 9 FT
5	S-2	3-5	0			
	S-3	5-7	0			
	S-4	7-9	0			
10						
15						
20						
25						
30						

Energy and Environmental Analysts, Inc.
55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95		SHEET 1 OF 1			
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP		LOCATION ID#			
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York		B-4			
REMARKS Former Trichloroethylene Tank		PROJECT # 95739			
DRILLING CONTRACTER TSDT, INC.		LOGGED BY NJR	DRILLER PR		
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS		DRILL RIG
TYPE	STD	Tripod	---		DRILL METHOD
SIZE	2	2 inch			Portable Tripod Assembly
SURFACE ELEVATION NA		SURFACE CONDITIONS Concrete			
WATER LEVEL (IN OPEN BOREHOLE) no water encountered					


DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
				Dry	0.8	Concrete
	S-1	1-3	0			Brown-Tan Fine-Medium SAND trace gravel ↓ End of Boring @ 9 FT
	S-2	3-5	0			
5	S-3	5-7	0			
	S-4	7-9	0			
10						
15						
20						
25						
30						

Energy and Environmental Analysts, Inc.

55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95		SHEET 1 OF 1	
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP		LOCATION ID#	
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York		B-5	
REMARKS Former Trichloroethlene Tank		PROJECT # 95739	
DRILLING CONTRACTER TSDT,INC.		LOGGED BY NJR	DRILLER PR
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS
TYPE	STD	Tripod	---
SIZE	2	2 inch	
SURFACE ELEVATION NA		SURFACE CONDITIONS Concrete	
WATER LEVEL (IN OPEN BOREHOLE) no water encountered			

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
				Dry	0.8	Concrete
	S-1	1-3	0			Brown-Tan Fine-Medium SAND trace gravel  End of Boring @ 9 FT
	S-2	3-5	0			
5	S-3	5-7	0			
	S-4	7-9	0			
10						
15						
20						
25						
30						

Energy and Environmental Analysts, Inc.
55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95				SHEET 1 OF 1		
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP				LOCATION ID#		
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York				B-6		
REMARKS Former Trichloroethlene Tank			PROJECT # 95739			
DRILLING CONTRACTER TSDT, INC.		LOGGED BY NJR		DRILLER PR		
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS			DRILL RIG DRILL METHOD Portable Tripod Assembly
		Tripod	---			
TYPE	STD	Assembly				
SIZE	2	2 inch				
SURFACE ELEVATION NA		SURFACE CONDITIONS Concrete				
WATER LEVEL (IN OPEN BOREHOLE) no water encountered						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
				Dry	0.8	Concrete
	S-1	1-3	0	↓		Brown-Tan Fine-Medium SAND trace gravel ↓ End of Boring @ 9 FT
5	S-2	3-5	0			
	S-3	5-7	0	↓		
	S-4	7-9	0			
10						
15						
20						
25						
30						

Energy and Environmental Analysts, Inc.

55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95		SHEET 1 OF 1	
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP		LOCATION ID#	
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York		B-7	
REMARKS Area of removed 2500-gal fuel oil tank		PROJECT # 95739	
DRILLING CONTRACTOR TSDT, INC.		LOGGED BY NJR	DRILLER PR
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS
		Tripod	---
TYPE	STD	Assembly	
SIZE	2	2 inch	
SURFACE ELEVATION NA		SURFACE CONDITIONS Concrete	

WATER LEVEL (IN OPEN BOREHOLE) no water encountered

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
	S-1	1-3	0	Dry		Concrete
	S-2	3-5	0			Brown-Tan Fine-Medium SAND trace gravel some brick & concrete fill ↓ End of Boring @ 9 FT
5	S-3	5-7	0			
	S-4	7-9	0			
10						
15						
20						
25						
30						

Energy and Environmental Analysts, Inc.

55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95		SHEET 1 OF 1			
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP		LOCATION ID#			
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York		B-9			
REMARKS Area of removed 2500-gal fuel oil tank		PROJECT # 95739			
DRILLING CONTRACTER TSDT, INC.		LOGGED BY NJR	DRILLER PR		
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS		DRILL RIG
TYPE	STD	Tripod	---		DRILL METHOD
SIZE	2	2 inch			Portable Tripod Assembly
SURFACE ELEVATION NA		SURFACE CONDITIONS Concrete			
WATER LEVEL (IN OPEN BOREHOLE) no water encountered					

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
				Dry		Concrete
	S-1	1-3	0			Brown-Tan Fine-Medium SAND trace gravel some brick & concrete fill ↓ End of Boring @ 9 FT
5	S-2	3-5	0			
	S-3	5-7	0			
	S-4	7-9	0			
10						
15						
20						
25						
30						


Energy and Environmental Analysts, Inc.

55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95		SHEET 1 OF 1	
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP		LOCATION ID#	
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York		B-8	
REMARKS Area of removed 2500-gal fuel oil tank		PROJECT # 95739	
DRILLING CONTRACTOR TSDT, INC.		LOGGED BY NJR	DRILLER PR
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS
		Tripod	---
TYPE	STD	Assembly	
SIZE	2	2 inch	
SURFACE ELEVATION NA		SURFACE CONDITIONS Concrete	

WATER LEVEL (IN OPEN BOREHOLE) no water encountered


DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
	S-1	1-3	0	Dry		Concrete
	S-2	3-5	0			Brown-Tan Fine-Medium SAND trace gravel some brick & concrete fill  End of Boring @ 9 FT
5	S-3	5-7	0			
	S-4	7-9	0			
10						
15						
20						
25						
30						

Energy and Environmental Analysts, Inc.

55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE 12-1-95				SHEET 1 OF 1		
CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP				LOCATION ID#		
PROJECT LOCATION 101-21 101st Street, Ozone Park, New York				B-10		
REMARKS Catch Basin & Trench drain area			PROJECT # 95739			
DRILLING CONTRACTER TSDT, INC.		LOGGED BY NJR		DRILLER PR		
EQUIPMENT	SOIL SAMPLER	DEVICE	MONITOR WELL SPECIFICATIONS			DRILL RIG
			---			DRILL METHOD
TYPE	STD	HSA				MOBIL B-50 HSA
SIZE	2	3 inch				
SURFACE ELEVATION NA		SURFACE CONDITIONS Ashpalt				
WATER LEVEL (IN OPEN BOREHOLE) no water encountered						

DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESCRIPTION - CLASSIFICATIONS
				Dry	0.4	Ashpalt
	S-1	1-3	0		3	Fill SAND & GRAVEL with brick, concrete, stone
5	S-2	3-5	0			Brown Fine-Medium SAND  End of Boring @ 14 FT
	S-3	5-7	0			
	S-4	7-9	0			
10	S-5	10-12	0			
	S-6	12-14	0	▼		
15						
20						
25						
30						

APPENDIX D

**NEW YORK CITY FIRE DEPARTMENT
SEARCH REQUEST**

FIRE DEPARTMENT • CITY OF NEW YORK
BUREAU OF REVENUE MANAGEMENT
9 MetroTech East
Brooklyn, N.Y. 11201-3857

A-95A (5/99)

RECORD SEARCH REQUEST
UNDERGROUND STORAGE TANKS

048565

MAIL TO: AquaTerra Assessment Services
49 W. 23rd Street, 6th Floor
New York, NY 10010

Search No. _____

The undersigned requests the following information re: Premises

101-21 101st Street

Queens

ADDRESS

BOROUGH

For Buried Motor Vehicle Fuel Tanks Only

- 1. No. and Size of tanks.....FEE: \$10.00
- 2. No. and Size of sealed and/or removed tanks.....FEE: \$10.00
- 3. Most recent tank and/or piping test results, including type of test performed.....FEE: \$10.00
- 4. History of leaks.....FEE: \$10.00
- 5. Pending Headquarters Violation Orders.....FEE: \$10.00
- 6. Other.....FEE: \$10.00

State Applicants interest in or relation to premises: AquaTerra is engaged in an Environmental investigation of the property.

(THE CITY OF NEW YORK IS NOT BEING SUED, NOR IS THERE ANY INTENTION TO SUE THE CITY OF NEW YORK)

Signed: *[Signature]*

Date: 10/26/99

DO NOT WRITE BELOW THIS LINE

Gentlemen:

In reply to your request concerning the premises mentioned above, please be advised that as of 9 A.M.,
10/26/99 our records show the following:

(MAKE ADDITIONAL ON REVERSE SIDE)

NO RECORD

Searched by:

[Signature]

VIOLATIONS RECORDED ABOVE ARE ONLY THOSE WHICH ARE A MATTER OF RECORD IN HEADQUARTERS OF THE BUREAU OF FIRE PREVENTION, AND MAY NOT INCLUDE VIOLATIONS ISSUED BY LOCAL UNITS, UNLESS A SUMMONS FOR "FAILURE TO COMPLY" WAS ISSUED. ALL REPORTED TANK INFORMATION COMES FROM RECORDS, WHICH EXIST IN THE FIRE DEPARTMENT DISTRICT OFFICE FOLDERS, OR ON COMPUTER FILES.

MAXIMUM RESPONSE TIME 20 BUSINESS DAYS

APPENDIX E

**ASBESTOS SAMPLING METHODOLOGY
AND LABORATORY RESULTS**

Samples are taken of suspect materials such as insulation, decorative coatings, floor or ceiling tiles, sheetrock, or radiator cover linings. When potential asbestos-containing material is to be sampled, the technician performing the sampling dons a respirator equipped with High Efficiency Particulate Air (HEPA) filters, as well as disposable gloves, and prepares a sample bag. The subject area that is to be sampled is sprayed with a surfactant to minimize the release of fibers while the sample is taken. A small portion of the suspected material is put into the sample bag with a zip-lock, then sealed with duct tape. It is then placed in another plastic bag and sealed again. Each sample is marked with a unique sample number before being placed in a larger plastic bag and sent to a laboratory.

The laboratory analyzes the samples employing the Interim Method for the Determination of Asbestos in Bulk Insulation Samples, EPA Method: Dec. 1982. This method uses both polarized light microscopy and dispersion staining. Samples are crushed, mounted on a slide, and examined under magnification to identify any asbestos fibers which may be in the subject sample.

EMSL Analytical, Inc.

The Empire State Building, 350 5th Ave., Suite 15
New York, NY 10118
Phone: (212) 290-0051 Fax: (212) 290-0058



Attn.:
Aquaterra Environmental Services
49 W 23rd St.
6th Floor
New York, NY 10010-4206

Sunday, October 24, 1999
Ref Number: NY997122

POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT

Performed by EPA 600/R-93/116 Method*

Project: 101-21 101ST STREET, OZONE PARK, NEW YORK

Sample	Location	Appearance	Sample Treatment	ASBESTOS		NON-ASBESTOS	
				%	Type	% Fibrous	% Non-Fibrous
PA-90999-1	FIRST FLOOR SEWING AREA / AIRCELL PIPE INSULATION	Grey/Tan/Black Fibrous Heterogeneous	Teased/Dissolved	None Detected		75 % Cellulose	20.% Matrix 5.% Other
PA-90999-2	FIRST FLOOR SEWING AREA / AIRCELL PIPE INSULATION	Tan/White Fibrous Heterogeneous	Teased	None Detected		80.% Cellulose	20.% Other

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.
* NY samples analyzed by ELAP 198.1 Method.

Alex Chechelovski

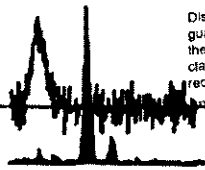
Alex Chechelovski
Analyst

José Ariaga

Approved
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL, Manhattan (NVLAP Ak and Bulk #101048-9 E-LAP #11526)



CHAIN OF CUSTODY RECORD

AQUATERRA ASSESSMENT SERVICES CORPORATION
49 WEST 23RD STREET, 6TH FLOOR
NEW YORK, NEW YORK 10010
TEL: (212) 675-8200 FAX: (212) 242-0368

ADDRESS: 101-21 101ST STREET
OZONE PARK, NEW YORK

DATE: 10/21/99

PAGE 1 OF 1

TOTAL NO. OF SAMPLES FOR PROJECT: 2

48 HR TURNAROUND
PLM Analysis

SAMPLER'S SIGNATURE: _____

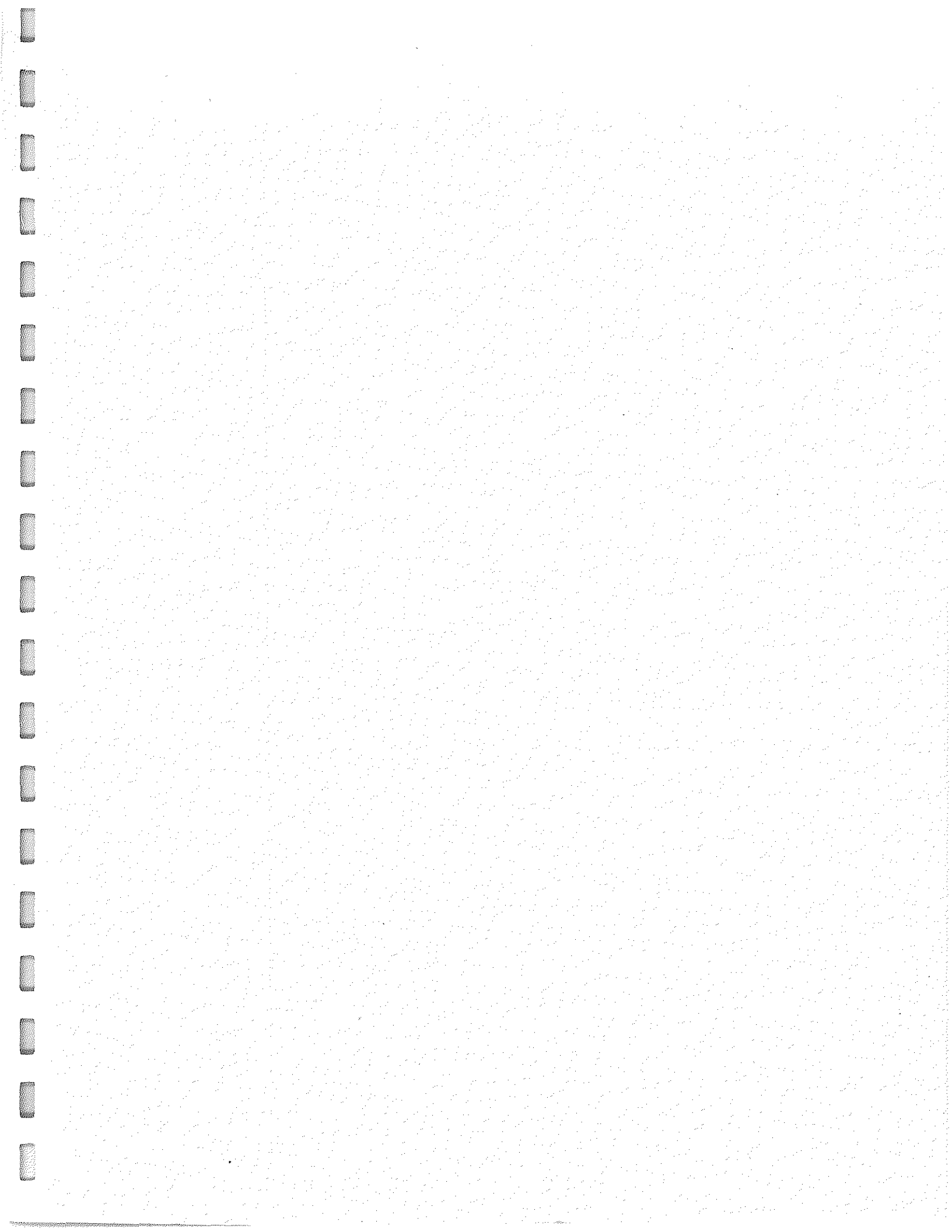
Paul M. Hatcher

SAMPLE ID #	SAMPLE #	SAMPLE LOCATION	SAMPLE DESCRIPTION
1) PA-90999-1	Sample #1	First floor sewing area	Aircell pipe insulation
2) PA-90999-2	Sample #2	First floor sewing area	Aircell pipe insulation

AQUATERRA PERSONNEL SIGN OFF				LAB. PERSONNEL SIGN OFF		
RELINQUISHED BY:		DATE	TIME	RECEIVED BY:	DATE	TIME
Paul M. Hatcher		10/22/99	4:00 PM	<i>Gulam</i>	10/22/99	6:50 PM

NOTE: PLEASE RETURN SIGNED COPY WITH LABORATORY RESULTS

M997122





Commercial Building
101-21 101st Street
Queens, New York 11417

PHASE II LIMITED SUBSURFACE INVESTIGATION

MAY 23, 2022

PREPARED FOR:

LSC Development LLC
777 Lake Zurich Road, #195
Barrington, IL 60010

PREPARED BY:

The Vertex Companies, LLC
3322 Route 22, West, Suite 907
Branchburg, NJ 08876
PHONE 908.448.2627

VERTEX PROJECT NO: 79111



May 23, 2022

LSC Development LLC
777 Lake Zurich Road, #195
Barrington, IL 60010
Attn: Mr. Paul Bergin

RE: Phase II Limited Subsurface Investigation
Commercial Building
101-21 101st Street
Queens, New York 11417
VERTEX Project No. 79111

Dear Mr. Bergin:

The Vertex Companies, LLC (VERTEX) is pleased to submit this Phase II Limited Subsurface Investigation (LSI) report for the above-referenced property (the "Site"). The purpose of this investigation was to determine the current soil, groundwater, sub-slab soil gas, and indoor air conditions at the Site due to the presence of recognized environmental conditions (RECs) identified during a Phase I Environmental Site Assessment prepared by VERTEX, dated April 29, 2022. The Phase II LSI was conducted in general conformance with proposal P. 4856.22 executed by LSC Development LLC on May 4, 2022, and in accordance with standard industry protocols and applicable New York State Department of Environmental Conservation (NYSDEC) technical guidelines. To the best of our knowledge, this Phase II LSI report is true and accurate.

Please do not hesitate to contact us at your convenience should you have any questions or comments regarding this report or our recommendations. It has been a pleasure working with you on this project.

Sincerely,

The Vertex Companies, LLC

Madalyn Kulas
Senior Project Manager

Joseph J.C. Dultz
Regional Vice President Director

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FIGURES

Figure 1	Site Location Map
Figure 2	Sample Location Map

TABLES

Table 1:	Summary of Soil Sampling Results
Table 2:	Summary of Groundwater Sampling Results
Table 3:	Summary of Sub-Slab Soil Vapor and Indoor Air Sampling Results

APPENDICES

Appendix A:	Soil Boring Logs
Appendix B:	Laboratory Data Package – Soil and Groundwater Photographs
Appendix C:	Laboratory Data Packages – Sub-Slab Soil Gas and Indoor Air

PHASE II LIMITED SUBSURFACE INVESTIGATION

**Commercial Building
101-21 101st Street
Queens, New York 11417
VERTEX Project No. 79111**

1.0 BACKGROUND INFORMATION

The Vertex Companies, LLC (VERTEX) was contracted by LSC Development LLC to conduct a Phase II Limited Site Investigation (“LSI”) at 101-21 101st Street, Queens, New York (the “Site”). The Site location is depicted on Figure 1 - Site Location Map. According to the New York City Department of Finance, the subject property consists of one 0.75-acre parcel of land identified as Block 9419, Lot 49. The subject property is improved with an approximately 35,600 square-foot, two-story building constructed in 1947 and is currently occupied by Moving Right Along, a storage facility. An overall layout of the Site, with the approximate Site boundaries, is shown on Figure 2 – Site Plan. VERTEX conducted a Phase I Environmental Site Assessment (ESA) in April 2022. The Phase I ESA identified the following recognized environmental conditions (RECs):

- Historical on-site operations including machine shops, and various manufacturing operations.
- Three former underground storage tanks (USTs); one closed in place 1,080-gallon UST containing trichloroethylene (TCE), one closed in place 2,500-gallon No. 4 fuel oil UST, and one removed, 2,500-gallon No. 4 fuel oil UST with a lack of closure documentation, a lack of groundwater sampling, and inadequate soil sampling.
- The unknown status of the floor vault with impacted sediments confirmed during a prior Phase II investigation.
- The long-term historical industrial operations on off-site properties: and,
- Confirmed groundwater and soil vapor impacts at the site.

A Phase II LSI was recommended to determine the current soil, groundwater, sub-slab soil gas, and indoor air conditions at the Site due to the presence of the RECs.

2.0 LIMITED SITE INVESTIGATION ACTIVITIES

In accordance with VERTEX proposal P.4856.22 executed by LSC Development on May 4, 2022, VERTEX performed a Phase II LSI of the Site. The Phase II LSI consisted of the following:

- A geophysical investigation to clear boring locations;
- The installation of soil borings and temporary monitoring wells;
- The collection and analysis of soil and groundwater samples;
- The installation of temporary sub-slab sampling ports; and,
- The collection of sub-slab soil gas (SSSV) and indoor/ambient air (IA/AA) samples.

The Phase II LSI is described in detail in the following sections.

2.1 Health and Safety Plan

Prior to initiating field activities, a Health & Safety Plan (HASP) was prepared to guide the conduct of the work in the event that regulated constituents were encountered during the performance of the field activities. The purpose of the HASP was to minimize the likelihood of exposure of VERTEX employees to hazardous concentrations of chemicals during field activities, minimize impacts to the environment, and provide safety guidelines for subcontractors. Field activities were completed in accordance with OSHA level D personal protective equipment (“PPE”) consisting of hard hats, safety glasses, protective gloves and steel toed boots.

2.2 Geophysical Investigation

VERTEX retained the services of Clean Globe Environmental LLC (Clean Globe) of Brentwood, New York to perform a geophysical survey to “clear” proposed drilling and SSSV locations to ensure

that they were free of subsurface utilities or structures. Clean Globe utilized ground penetrating radar (GPR) and electromagnetic (EM) equipment during their survey.

The proposed drilling locations and SSSV sample locations were “cleared” by Clean Globe on May 9, 2022. The former UST and closed-in-place UST location were identified; however, the former floor vault was unable to be located during this investigation. A geophysical report was not prepared; however, VERTEX was on-site during the investigation to confirm the findings.

In addition, VERTEX’s drilling subcontractor, Clean Globe, contacted the New York One Call program to coordinate the mark-out of public utilities.

2.3 Soil Boring Installation with Soil Sampling

Clean Globe was retained by VERTEX to advance soil borings at the Site using direct-push (i.e. Geoprobe®) drilling techniques. The soil borings were advanced on May 9 and 10, 2022, under the oversight and supervision of VERTEX field staff. A total of six borings were advanced at the Site. Soil borings were installed adjacent to RECs, in areas not previously investigated, and in the sidewalk along 101st Street downgradient from the Site. The soil boring locations are depicted on Figure 2.

Soil samples were continuously collected in five-foot acetate sleeves as each boring was advanced. Recovered soil samples were screened in the field for the presence of total volatile organic vapors using a photoionization detector (PID) calibrated to 100 parts per million (ppm) by volume of isobutylene. Visual and olfactory observations were utilized to assess the soil for evidence of suspected regulated constituents. The observed soil types, field screening readings, notations of regulated constituent’s presence were recorded on soil boring logs. Soil boring logs are included as Appendix A.

Shallow soil at the Site consisted of brown medium-grained sand with traces of gravel to depths of 30 feet below ground surface (bgs). Groundwater was encountered between 24 and 29 feet bgs in the temporary wells.

The soil samples were analyzed for volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Method 8260. The soil samples collected from adjacent to the closed in place and removed fuel oil USTs were additionally analyzed for semi-volatile organic compounds (SVOCs) via USEPA Method 8270. The soil samples were submitted under chain of custody to Alpha Analytical (Alpha) of Westborough, Massachusetts for the analyses referenced above (New York Environmental Laboratory Approval Program (ELAP) No. 11148).

The following table provides a summary of the soil sampling, depths, rationale, and laboratory analysis.

Sample ID	Boring Depth (feet bgs)	Sample Depth (feet bgs)	Location
VTX-SB-1	35	30-30.5	Adjacent to the closed in place NW fuel oil UST
VTX-SB-2	30	26-26.5	Adjacent to the closed in place TCE UST
VTX-SB-3	35	10-10.5	Adjacent to the hydraulic elevator
VTX-SB-4	35	No sample collected	SW corner of the building. Unable to locate the former floor vault. No evidence of impacts observed; accordingly, no sample was collected.
VTX-SB-5	34	8-8.5	Adjacent to the removed fuel oil UST
VTX-SB-6	30	23.5-24	Southwest corner of the site building, in the sidewalk along 101 st Street

2.3.1 Soil Analytical Results

The results of the soil samples analyses were compared to the New York State Department of Environmental Conservation (NYSDEC) Restricted Use Soil Cleanup Objectives (SCOs) for Commercial Use (RUSCO-C), for Protection of Groundwater (RUSCO-GW) and for Unrestricted Use (UUSCO). Based on the current Site use, the most applicable SCOs are the RUSCO-C. Review of the soil analytical results identified the following constituents above SCOs:

Soil Results				
Sample ID	Sample Depth (feet bgs)	Constituents >UUSCO	Constituents >RUSCO-C	Constituents >RUSCO-GW
VTX-01	30-30.5	--	--	--
VTX-02	26-26.5	--	--	--
VTX-03	10-10.5	--	--	--
VTX-04	No sample collected	NA	NA	NA
VTX-05	8-8.5	--	--	--
VTX-06	23.5-24	--	--	--

-- No exceedances
 NA – Not analyzed

A summary of the soil analytical results is included as Table 1. The laboratory data package for the soil sampling is provided in Appendix B.

Review of the soil analytical results identified that no contaminants were detected at concentrations exceeding the RUSCO-C, RUSCO-GW, or the UUSCO in any of the soil samples. Low concentrations of tetrachloroethylene (PCE) and trichloroethylene (TCE), solvents previously stored and used at the site, were detected in several of the soil samples but at concentrations below the UUSCOs.

2.4 Temporary Monitoring Well Installation and Groundwater Sampling



During the investigation, all six of the soil borings were converted into temporary wells. The locations of the temporary monitoring wells are depicted on Figure 2. Groundwater stabilized in the temporary monitoring wells at depths between 24 and 29 feet bgs.

The temporary monitoring wells were constructed of ten feet of 1-inch diameter Schedule 40 slotted (0.01-inch) polyvinyl chloride (“PVC”) screen and 1-inch diameter PVC riser to grade. The temporary monitoring wells were installed so that the screened interval straddled the shallow water table in each boring.

The temporary monitoring wells were sampled the same day as installation. A groundwater sample was also collected from a permanent monitoring well (B-4W) installed in the sidewalk along 101st Street on the northwestern side of the of the site building as part of a geotechnical evaluation. The temporary monitoring wells were purged using dedicated polyethylene tubing and a peristaltic pump prior to sample collection to remove drilling materials from the screened portion of the well. Purge development water was discharged to the borehole after sampling was completed.

No evidence of a visible sheen, odors, or elevated PID readings were observed in the temporary well during the development or sampling activities. The groundwater samples were collected using a dedicated, disposable weighted bailer. The groundwater sample was submitted to Alpha and analyzed for VOCs. The samples collected near the closed in place and removed fuel oil USTs and the southwestern side of the site (near the suspected location of the former floor vault) were additionally analyzed for SVOCs.

Once sampling activities were complete, the temporary well screen was removed, and each borehole location was backfilled to grade with previously removed soil and bentonite. The surface restoration included patching of the concrete building slab and sidewalk to match existing conditions.

2.4.1 Groundwater Analytical Results – Temporary Monitoring Wells

The results of the groundwater sample analyses were compared to the NYSDEC Ambient Water Quality Standards (AWQS) and the NYSDEC Groundwater Effluent Limitations (Class GA). Review of the groundwater analytical data identified the following:

Groundwater Results		
Sample Location	Constituents >AWQS	Constituents >CLASS GA
VTX-TW-1	Benzo(a)anthracene Benzo(a)pyrene Benz(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene	Benzo(a)anthracene Benzo(a)pyrene Benz(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene
VTX-TW-2	PCE TCE	PCE TCE
VTX-TW-3	PCE TCE	PCE TCE
VTX-TW-4	Benzo(a)anthracene Benzo(a)pyrene Benz(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene	Benzo(a)anthracene Benzo(a)pyrene Benz(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene
VTX-TW-5	TCE Benzo(a)anthracene Benzo(a)pyrene Benz(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene	TCE Benzo(a)anthracene Benzo(a)pyrene Benz(b)fluoranthene Benzo(k)fluoranthene Chrysene Indeno(1,2,3-cd)pyrene
VTX-TW-6	TCE	TCE
B-4W	--	--

-- No exceedances

PCE and TCE were detected in groundwater at concentrations exceeding the AWQS and Class GA, which indicates that the former site operations have impacted the site. Polycyclic aromatic hydrocarbons (PAHs) were detected in the three groundwater samples that were analyzed for

SVOCs. Based on a lack of detections of PAHs in the soil samples and the turbid nature of the samples collected from temporary monitoring wells, these exceedances are not indicative of a release from the former USTs or floor vault. A summary of the groundwater analytical results for the temporary monitoring well is included as Table 2. The laboratory data package for the groundwater samples is provided in Appendix B.

3.0 VAPOR INTRUSION SAMPLING

3.1 Sub-Slab Soil Vapor Sampling

On May 9, 2022, VERTEX installed five temporary SSSV sample probes VTX-SG-1 through VTX-SG5 throughout the Site building. The locations were selected to either confirm previous Phase II LSI results or fill in data gaps. SSSV samples were completed by drilling 3/8-inch core holes through the concrete slab. The sample locations are depicted on Figure 2.

Teflon tubing was installed into the drilled core hole to facilitate the collection of soil vapor from beneath the concrete slab into stainless steel 6-liter Summa canisters. The tubing was connected to the Summa canister using a compression fitting and the other end of the tubing was placed several inches into the concrete core hole. A seal consisting of Teflon tape and non-VOC-emitting modeling clay was utilized to seal the tubing within the core hole to prevent air leakage. All sample trains were tested for leaks utilizing helium tracer test. All leak test results were acceptable.

The entire sample train was purged of approximately three air volumes prior to sample collection at a rate that did not exceed 200 milliliters per minute. Following purging, the sample valves of the six-liter Summa canisters were opened to initiate sample collection. The sub-slab samples were collected over an approximate two-hour timeframe. Following sample collection, the tubing was removed, and the concrete core holes were sealed with concrete.

Indoor and ambient weather conditions, including temperature and atmospheric pressure, were collected and recorded on field sampling data sheets during the sampling event. The sub-slab soil vapor samples were collected into laboratory-supplied, pre-cleaned Summa canisters and were submitted to Alpha for laboratory analysis of VOCs by USEPA Method TO-15.

3.1.1 SSSV Analytical Results

The New York State Department of Health (NYSDOH) provides guidance for vapor intrusion investigations in New York State. The NYSDOH guidance document utilizes three decision matrices to determine a course of action to address current and potential exposures related to soil vapor intrusion. In order to use the matrices, SSSV and IA samples must be collected. IA samples were collected in advance of co-located SSSV samples during this investigation, and the IA sampling and analytical results are discussed in Section 3.2.1.

The results of the SSSV sampling identified the following:

Constituents in SSSV in Excess of NYSDOH Matrices

SAMPLE ID	MATRIX A	MATRIX B	MATRIX C
VTX-SG1	cis-1,2-Dichloroethene TCE	PCE	--
VTX-SG2	cis-1,2-Dichloroethene TCE	PCE	--
VTX-SG3	cis-1,2-Dichloroethene TCE	1,1,1-Trichloroethane PCE	--
VTX-SG4	cis-1,2-Dichloroethene TCE	1,1,1-Trichloroethane PCE	--
VTX-SG5	cis-1,2-Dichloroethene TCE	--	--

-- No exceedances

It should be noted, the reporting limits for 1,1-dichloroethene, carbon tetrachloride, methylene chloride, and 1,1,1-trichloroethane were elevated due to the high concentrations of PCE and TCE in the samples. A discussion of the vapor intrusion investigation results is provided in Section 4.0. A summary of the SSSV analytical results is included in Table 3. The laboratory data package for the SSSV samples is provided in Appendix C.

3.2 Indoor Air Sampling

On May 6, 2022, five IA samples (VTX) were collected from the SSSV locations. In addition, one AA sample (AA) was collected from the southern parking lot. The sample locations are depicted on Figure 2.

The air samples were collected using stainless steel 6-liter Summa canisters over an 8-hour sample duration. Once the required air samples were collected, they were submitted under chain-of-custody procedures to Alpha for VOC analysis via USEPA Method TO-15.

3.2.1 IA Analytical Results

The IA and AA sample results were compared to the decision matrix values presented in the NYSDOH *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York* dated October 2006, and the NYSDOH *May 2017: Updates to Soil Vapor/Indoor Air Decision Matrices*. In addition, the IA and AA sample results were compared to the Indoor Air Quality Guidance Values.

The March 2020 indoor/ambient air sampling identified the following:

Constituents in IA/AA in Excess of NYSDOH Matrices

SAMPLE ID	MATRIX A	MATRIX B	MATRIX C
VTX-IA-1	Carbon tetrachloride cis-1,2-Dichloroethene TCE	Methylene chloride PCE	--
VTX-IA-2	Carbon tetrachloride cis-1,2-Dichloroethene TCE	Methylene chloride PCE	--
VTX-IA-3	Carbon tetrachloride TCE	Methylene chloride	--

SAMPLE ID	MATRIX A	MATRIX B	MATRIX C
VTX-IA-4	Carbon tetrachloride cis-1,2-Dichloroethene TCE	Methylene chloride	--
VTX-IA-5	Carbon tetrachloride TCE	Methylene chloride	--
VTX-AA-1	Carbon tetrachloride		

-- No exceedances

A discussion of the vapor intrusion investigation results is provided in Section 4.0. A summary of the indoor/ambient air analytical results compared to the NYSDOH decision matrix values and NYSDOH air guidelines values is included in Table 4. The results provided in Table 3 are utilized to evaluate VI concerns. The laboratory data package for the IA and ambient air samples is provided in Appendix C.

4.0 NYSDOH SOIL VAPOR/INDOOR AIR MATRIX EVALUATION

To evaluate the potential VI concerns at the site, VERTEX utilized the NYSDOH Soil Vapor/Indoor Air Matrix Guidance (May 2017), which presents decision-making matrices and provides recommended actions based on toxicity data and risk assessments for eight chemicals. The following is a summary of the findings and recommended actions for the constituents identified in exceedance of the soil vapor and/or indoor air criteria.

Carbon Tetrachloride

Carbon tetrachloride was identified in the IA and AA samples at concentrations ranging from 0.591 micrograms per cubic meter (ug/m³) to 0.648 ug/m³. The detection of carbon tetrachloride in the AA sample at a concentration similar to the IA samples suggests a potential background source or laboratory contamination. In addition, carbon tetrachloride was not detected in the SSSV samples.

Methylene Chloride

Methylene chloride was identified in the IA samples at concentrations ranging from 11 micrograms per cubic meter (ug/m³) to 129 ug/m³. Methylene chloride was not detected in the SSSV samples; however, the reporting limits were elevated due to the presence of high concentrations of other compounds. Vapor intrusion cannot be ruled out.

Cis-1,2-Dichloroethene

At all sampling locations, mitigation is required per the NYSDOH matrix.

TCE

At all sampling locations, mitigation is required per the NYSDOH matrix.

PCE

- At VTX-SG1/VTX-IA-1, the soil vapor detection of 28,000 ug/m³ and IA concentration of 21.6 ug/m³ requires mitigation per the NYSDOH matrix.
- At VTX-SG2/VTX-IA-2, the soil vapor detection of 2,350 ug/m³ and IA concentration of 3.64 ug/m³ requires mitigation per the NYSDOH matrix.
- At VTX-SG3/VTX-IA-3, the soil vapor detection of 1,760 ug/m³ and IA concentration of 1.52 ug/m³ requires mitigation per the NYSDOH matrix.
- At VTX-SG4/VTX-IA-4, the soil vapor detection of 374 ug/m³ and IA concentration of 1.3 ug/m³ requires no further action per the NYSDOH matrix.
- At VTX-SG5/VTX-IA-5, the soil vapor detection of 62.4 ug/m³ and IA concentration of 1.3 ug/m³ requires no further action per the NYSDOH matrix.

5.0 CONCLUSIONS AND RECOMMENDATIONS

VERTEX has performed a Phase II LSI at 101-21 101st Street, Queens, New York. The objective of the Phase II LSI was to determine the current soil, groundwater, sub-slab soil gas, and indoor air conditions at the Site due to the presence of RECs identified during a Phase I ESA:

- A geophysical investigation to clear boring locations;
- The installation of soil borings and temporary monitoring wells;
- The collection and analysis of soil and groundwater samples;
- The installation of temporary sub-slab sampling ports; and,
- The collection of SSSV and IA/AA samples.

The findings of the Phase II LSI are summarized below:

Soil

- Soil consisted of brown medium-grained sand with traces of gravel to depths of 30 feet bgs.
- Soil exceedances were not identified during the Phase II LSI; however, based on the other results of the Phase II LSI (summarized below), a hot spot area/area of CVOC contamination are likely to be encountered during site redevelopment.

Groundwater

- Groundwater was encountered between 24 and 29 feet bgs in the temporary wells.
- Groundwater concentrations of CVOCs were detected at the highest concentrations in the vicinity of the abandoned TCE UST (VTX-TW-3) and downgradient of the UST (VTX-TW-2, VTX-TW-5, and VTX-TW-6). A source area may be present near the UST and/or former waste lines. The waste lines could not be located during the Phase II LSI.

Additionally, a source area may be located in the vicinity of the former solvent storage areas (northeast corner of the building) based on the sub-slab soil gas sampling results.

- A previous Phase II investigation concluded that the western adjacent property had impacted the site; however, based on the results of VERTEX's investigation and a review of reports associated with the adjacent property, VERTEX opines that the impacts identified onsite are related to former site operations and not the western adjacent property, as groundwater flows to the south-southwest.

SSSV/IA/AA

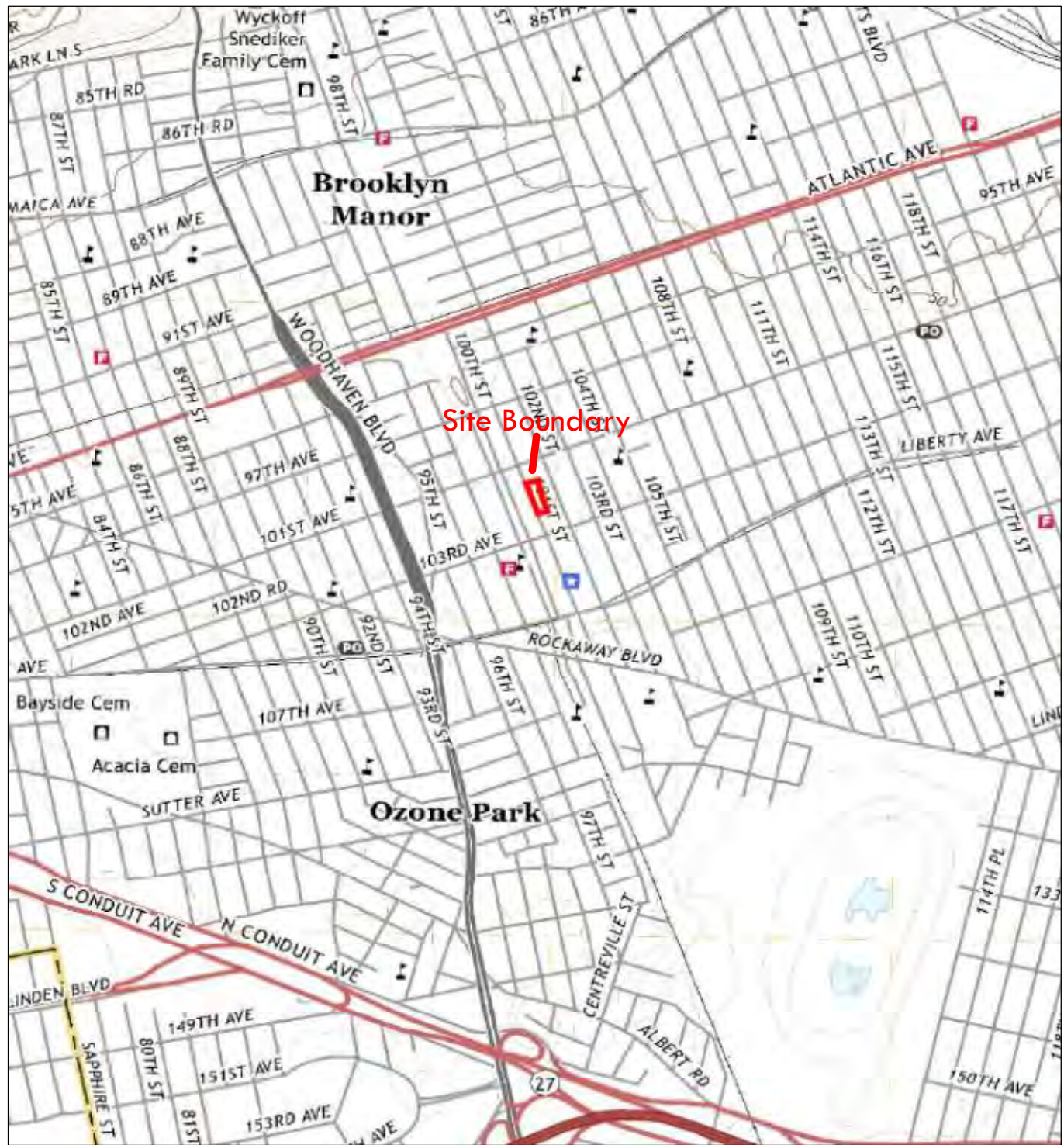
- The highest concentrations of TCE detected in sub-slab soil gas were located in the vicinity of the TCE UST (VTX-SG3) and downgradient from the UST (VTX-SG4 and VTX-SG5). An additional CVOC source area may be located in the northeastern portion of the building (former solvent storage area) as PCE was detected in the highest concentrations in samples VTX-SG1 and VTX-SG2, which are downgradient from the former storage area and upgradient of other CVOC contamination identified at the site. Contamination in the northeast portion of the building may be related to an unknown offsite upgradient source; however, a suspected source was not identified in the Phase I ESA.

Based on these findings, VERTEX recommends the following:

- Preparation of a Soil and Groundwater Management Plan (SGMP) to ensure that all excavated soils, potentially impacted soils related to current or former USTs and any USTs that may be discovered, and any CVOC hot spot area(s) are managed properly in accordance with applicable regulations;
- Removal of the remaining abandoned USTs;
- Additional site characterization to identify the source(s) of the CVOC contamination and delineate groundwater and sub-slab soil gas impacts;

- Remediation of the identified impacts through the NYSDEC Brownfield Cleanup Program (BCP) or New York City Office of Environmental Remediation (NYC OER) Voluntary Cleanup Program (VCP) or other applicable program which may include:
 - Hot spot excavation if a source is identified
 - Possible groundwater treatment via in-situ chemical injections
 - Characterization of surplus soil scheduled for excavation and offsite disposal prior to foundation excavation so the soil management costs can be understood in advance;
 - Design and installation of a vapor barrier in the proposed building;
 - Design and installation of a sub-slab depressurization system (SSDS) in the proposed building; and,
- Post-remediation indoor air sampling to confirm the effectiveness of the remediation.

FIGURES



Site Boundary



NOTES:
 SOURCE: UNITED STATES GEOLOGICAL SURVEY MAP
 JAMAICA, NY QUADRANGLE 7.5 MINUTES SERIES (2019)

SITE LOCUS MAP

Commercial Property
 101-21 101st Street
 Queens, New York 11417

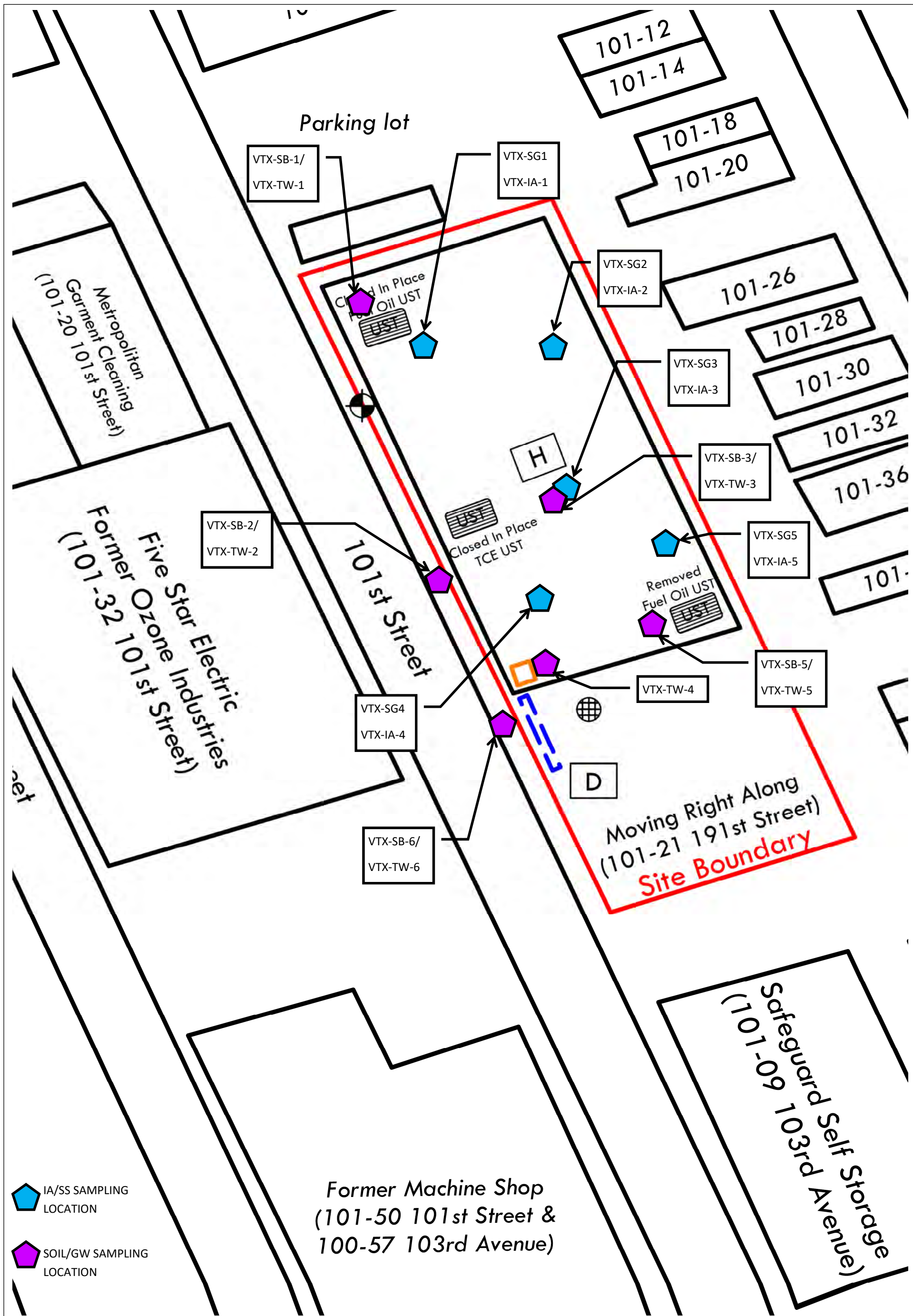
NOT TO SCALE
Date: April 2022
Job No.: 78359

FIGURE

1

VERTEXENG.COM

VERTEX
 400 LIBBEY PARKWAY
 WEYMOUTH, MA 02189
 (T): 781.952.6000



	SAMPLING LOCATIONS	 FIGURE NO. 2	
	101-21 101st Street Queens, New York 11417		
	VERTEX Project No. 78359		

TABLES

Table 1 - Summary of Soil Sampling Results
101-21 101st Street
Queens, New York
VERTEX Project No. 79111

SAMPLE ID: LAB ID:	NY-RESC	NY-RESGW	NY-UNRES	VTX-SB-1 (30.0-30.5)				VTX-SB-2 (26.0-26.5)				VTX-SB-3 (10.0-10.5)				VTX-SB-5 (8.0-8.5)				VTX-SB-6 (23.5-24.0)				
				L2224545-01				L2224545-02				L2224545-03				L2224545-05				L2224545-06				
COLLECTION DATE:				5/9/2022				5/9/2022				5/10/2022				5/10/2022				5/9/2022				
SAMPLE DEPTH:				30.0-30.5				26.0-26.5				10.0-10.5				8.0-8.5				23.5-24.0				
LOCATION:				Adjacent to F.O. UST (NW)				Adjacent to TCE UST				Adjacent to hydraulic elevator				Adjacent to removed F.O. UST				SW corner of building				
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	
VOLATILE ORGANICS BY EPA 5035																								
1,1,1,2-Tetrachloroethane	NS	NS	NS	ND	0.00057	0.00015		ND	0.00059	0.00016		ND	0.00071	0.00019		ND	0.00064	0.00017		ND	0.00066	0.00018		
1,1,1-Trichloroethane	500	0.68	0.68	ND	0.00057	0.00019		ND	0.00059	0.0002		ND	0.00071	0.00024		ND	0.00064	0.00022		ND	0.00066	0.00022		
1,1,2-Trichloroethane	NS	NS	NS	ND	0.00057	0.00019		ND	0.00059	0.0002		ND	0.00071	0.00024		ND	0.00064	0.00021		ND	0.00066	0.00022		
1,1,2-Trichloroethane	NS	NS	NS	ND	0.0011	0.0003		ND	0.0012	0.00031		ND	0.0014	0.00038		ND	0.0013	0.00034		ND	0.0013	0.00036		
1,1-Dichloroethane	240	0.27	0.27	ND	0.0011	0.00016		ND	0.0012	0.00017		ND	0.0014	0.00021		ND	0.0013	0.00019		ND	0.0013	0.00019		
1,1-Dichloroethane	500	0.33	0.33	ND	0.0011	0.00027		ND	0.0012	0.00028		ND	0.0014	0.00034		ND	0.0013	0.00031		ND	0.0013	0.00032		
1,1-Dichloropropene	NS	NS	NS	ND	0.00057	0.00018		ND	0.00059	0.00019		ND	0.00071	0.00023		ND	0.00064	0.0002		ND	0.00066	0.00021		
1,2,3-Trichlorobenzene	NS	NS	NS	ND	0.0023	0.00037		ND	0.0024	0.00038		ND	0.0028	0.00046		ND	0.0026	0.00042		ND	0.0027	0.00043		
1,2,3-Trichloropropane	NS	NS	NS	ND	0.0023	0.00014		ND	0.0024	0.00015		ND	0.0028	0.00018		ND	0.0026	0.00016		ND	0.0027	0.00017		
1,2,4,5-Tetramethylbenzene	NS	NS	NS	ND	0.0023	0.00022		ND	0.0024	0.00022		ND	0.0028	0.00027		ND	0.0026	0.00025		ND	0.0027	0.00025		
1,2,4-Trichlorobenzene	NS	NS	NS	ND	0.0023	0.00031		ND	0.0024	0.00032		ND	0.0028	0.00039		ND	0.0026	0.00035		ND	0.0027	0.00036		
1,2,4-Trimethylbenzene	190	3.6	3.6	ND	0.0023	0.00038		ND	0.0024	0.00039		ND	0.0028	0.00048		ND	0.0026	0.00043		ND	0.0027	0.00044		
1,2-Dibromo-3-chloropropane	NS	NS	NS	ND	0.0034	0.0011		ND	0.0035	0.0012		ND	0.0043	0.0014		ND	0.0039	0.0013		ND	0.004	0.0013		
1,2-Dibromoethane	NS	NS	NS	ND	0.0011	0.00032		ND	0.0012	0.00033		ND	0.0014	0.0004		ND	0.0013	0.00036		ND	0.0013	0.00037		
1,2-Dichlorobenzene	500	1.1	1.1	ND	0.0023	0.00016		ND	0.0024	0.00017		ND	0.0028	0.0002		ND	0.0026	0.00018		ND	0.0027	0.00019		
1,2-Dichloroethane	30	0.02	0.02	ND	0.0011	0.00029		ND	0.0012	0.0003		ND	0.0014	0.00037		ND	0.0013	0.00033		ND	0.0013	0.00034		
1,2-Dichloroethane, Total	NS	NS	NS	ND	0.0011	0.00016		ND	0.0012	0.00016		ND	0.0014	0.0002		ND	0.0013	0.00018		ND	0.0013	0.00018		
1,2-Dichloropropane	NS	NS	NS	ND	0.0011	0.00014		ND	0.0012	0.00015		ND	0.0014	0.00018		ND	0.0013	0.00016		ND	0.0013	0.00017		
1,3,5-Trimethylbenzene	190	8.4	8.4	ND	0.0023	0.00022		ND	0.0024	0.00023		ND	0.0028	0.00028		ND	0.0026	0.00025		ND	0.0027	0.00026		
1,3-Dichlorobenzene	280	2.4	2.4	ND	0.0023	0.00017		ND	0.0024	0.00017		ND	0.0028	0.00021		ND	0.0026	0.00019		ND	0.0027	0.0002		
1,3-Dichloropropane	NS	NS	NS	ND	0.0023	0.00019		ND	0.0024	0.0002		ND	0.0028	0.00024		ND	0.0026	0.00022		ND	0.0027	0.00022		
1,3-Dichloropropene, Total	NS	NS	NS	ND	0.00057	0.00018		ND	0.00059	0.00019		ND	0.00071	0.00022		ND	0.00064	0.0002		ND	0.00066	0.00021		
1,4-Dichlorobenzene	130	1.8	1.8	ND	0.0023	0.0002		ND	0.0024	0.0002		ND	0.0028	0.00024		ND	0.0026	0.00022		ND	0.0027	0.00023		
1,4-Dioxane	130	0.1	0.1	ND	0.091	0.04		ND	0.094	0.041		ND	0.11	0.05		ND	0.1	0.045		ND	0.11	0.047		
2,2-Dichloropropane	NS	NS	NS	ND	0.0023	0.00023		ND	0.0024	0.00024		ND	0.0028	0.00029		ND	0.0026	0.00026		ND	0.0027	0.00027		
2-Butanone	500	0.12	0.12	ND	0.011	0.0025		ND	0.012	0.0026		ND	0.014	0.0032		ND	0.013	0.0029		ND	0.013	0.003		
2-Hexanone	NS	NS	NS	ND	0.011	0.0013		ND	0.012	0.0014		ND	0.014	0.0017		ND	0.013	0.0015		ND	0.013	0.0016		
4-Methyl-2-pentanone	NS	NS	NS	ND	0.011	0.0015		ND	0.012	0.0015		ND	0.014	0.0018		ND	0.013	0.0016		ND	0.013	0.0017		
Acetone	500	0.05	0.05	ND	0.011	0.0055		ND	0.012	0.0057		ND	0.014	0.0069		ND	0.013	0.0062		ND	0.013	0.0064		
Acrylonitrile	NS	NS	NS	ND	0.0046	0.0013		ND	0.0047	0.0014		ND	0.0057	0.0016		ND	0.0052	0.0015		ND	0.0053	0.0015		
Benzene	44	0.06	0.06	ND	0.00057	0.00019		ND	0.00059	0.0002		ND	0.00071	0.00024		ND	0.00064	0.00021		ND	0.00066	0.00022		
Bromobenzene	NS	NS	NS	ND	0.0023	0.00016		ND	0.0024	0.00017		ND	0.0028	0.00021		ND	0.0026	0.00019		ND	0.0027	0.00019		
Bromochloromethane	NS	NS	NS	ND	0.0023	0.00023		ND	0.0024	0.00024		ND	0.0028	0.00029		ND	0.0026	0.00026		ND	0.0027	0.00027		
Bromodichloromethane	NS	NS	NS	ND	0.00057	0.00012		ND	0.00059	0.00013		ND	0.00071	0.00016		ND	0.00064	0.00014		ND	0.00066	0.00014		
Bromoform	NS	NS	NS	ND	0.0046	0.00028		ND	0.0047	0.00029		ND	0.0057	0.00035		ND	0.0052	0.00032		ND	0.0053	0.00033		
Bromomethane	NS	NS	NS	ND	0.0023	0.00066		ND	0.0024	0.00068		ND	0.0028	0.00083		ND	0.0026	0.00075		ND	0.0027	0.00077		
Carbon disulfide	NS	NS	NS	ND	0.011	0.0052		ND	0.012	0.0054		ND	0.014	0.0065		ND	0.013	0.0059		ND	0.013	0.006		
Carbon tetrachloride	22	0.76	0.76	ND	0.0011	0.00026		ND	0.0012	0.00027		ND	0.0014	0.00033		ND	0.0013	0.0003		ND	0.0013	0.00031		
Chlorobenzene	500	1.1	1.1	ND	0.00057	0.00014		ND	0.00059	0.00015		ND	0.00071	0.00018		ND	0.00064	0.00016		ND	0.00066	0.00017		
Chloroethane	NS	NS	NS	ND	0.0023	0.00052		ND	0.0024	0.00053		ND	0.0028	0.00064		ND	0.0026	0.00058		ND	0.0027	0.0006		
Chloroform	350	0.37	0.37	ND	0.0017	0.00016		ND	0.0018	0.00016		ND	0.0021	0.0002		ND	0.0019	0.00018		ND	0.002	0.00019		
Chloromethane	NS	NS	NS	ND	0.0046	0.0011		ND	0.0047	0.0011		ND	0.0057	0.0013		ND	0.0052	0.0012		ND	0.0053	0.0012		
cis-1,2-Dichloroethane	500	0.25	0.25	ND	0.0011	0.0002		ND	0.0012	0.00021		ND	0.0014	0.00025		ND	0.0013	0.00022		ND	0.0013	0.00023		
cis-1,3-Dichloropropene	NS	NS	NS	ND	0.00057	0.00018		ND	0.00059	0.00019		ND	0.00071	0.00022		ND	0.00064	0.0002		ND	0.00066	0.00021		
Dibromochloromethane	NS	NS	NS	ND	0.0011	0.00016		ND	0.0012	0.00016		ND	0.0014	0.0002		ND	0.0013	0.00018		ND	0.0013	0.00019		
Dibromomethane	NS	NS	NS	ND	0.0023	0.00027		ND	0.0024	0.00028		ND	0.0028	0.00034		ND	0.0026	0.00031		ND	0.0027	0.00032		
Dichlorodifluoromethane	NS	NS	NS	ND	0.011	0.001		ND	0.012	0.0011		ND	0.014	0.0013		ND	0.013	0.0012		ND	0.013	0.0012		
Ethyl ether	NS	NS	NS	ND	0.0023	0.00039		ND	0.0024	0.0004		ND	0.0028	0.00049		ND	0.0026	0.00044		ND	0.0027	0.00045		
Ethylbenzene	390	1	1	0.00016	J	0.0011	0.00016	0.00019	J	0.0012	0.00017	ND	0.0014	0.0002	ND	0.0013	0.00018	ND	0.0013	0.00				

Table 1 - Summary of Soil Sampling Results
101-21 101st Street
Queens, New York
VERTEX Project No. 79111

SAMPLE ID: LAB ID:	NY-RESC	NY-RESGW	NY-UNRES	VTX-SB-1 (30.0-30.5)				VTX-SB-2 (26.0-26.5)				VTX-SB-3 (10.0-10.5)				VTX-SB-5 (8.0-8.5)				VTX-SB-6 (23.5-24.0)			
				L2224545-01				L2224545-02				L2224545-03				L2224545-05				L2224545-06			
COLLECTION DATE:				5/9/2022				5/9/2022				5/10/2022				5/10/2022				5/9/2022			
SAMPLE DEPTH:				30.0-30.5				26.0-26.5				10.0-10.5				8.0-8.5				23.5-24.0			
LOCATION:				Adjacent to F.O. UST (NW)				Adjacent to TCE UST				Adjacent to hydraulic elevator				Adjacent to removed F.O. UST				SW corner of building			
ANALYTE	(mg/kg)	(mg/kg)	(mg/kg)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
SEMIVOLATILE ORGANICS BY GC/MS																							
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	ND	0.18	0.018	-	-	-	-	-	-	-	-	-	ND	0.49	0.051	-	-	-	-	-
1,2,4-Trichlorobenzene	NS	NS	NS	ND	0.18	0.02	-	-	-	-	-	-	-	-	-	ND	0.49	0.056	-	-	-	-	-
1,2-Dichlorobenzene	500	1.1	1.1	ND	0.18	0.031	-	-	-	-	-	-	-	-	-	ND	0.49	0.088	-	-	-	-	-
1,3-Dichlorobenzene	280	2.4	2.4	ND	0.18	0.03	-	-	-	-	-	-	-	-	-	ND	0.49	0.084	-	-	-	-	-
1,4-Dichlorobenzene	130	1.8	1.8	ND	0.18	0.031	-	-	-	-	-	-	-	-	-	ND	0.49	0.085	-	-	-	-	-
1,4-Dioxane	130	0.1	0.1	ND	0.026	0.0081	-	-	-	-	-	-	-	-	-	ND	0.073	0.022	-	-	-	-	-
2,4,5-Trichlorophenol	NS	NS	NS	ND	0.18	0.034	-	-	-	-	-	-	-	-	-	ND	0.49	0.093	-	-	-	-	-
2,4,6-Trichlorophenol	NS	NS	NS	ND	0.1	0.033	-	-	-	-	-	-	-	-	-	ND	0.29	0.092	-	-	-	-	-
2,4-Dichlorophenol	NS	NS	NS	ND	0.16	0.028	-	-	-	-	-	-	-	-	-	ND	0.44	0.078	-	-	-	-	-
2,4-Dimethylphenol	NS	NS	NS	ND	0.18	0.058	-	-	-	-	-	-	-	-	-	ND	0.49	0.16	-	-	-	-	-
2,4-Dinitrophenol	NS	NS	NS	ND	0.84	0.082	-	-	-	-	-	-	-	-	-	ND	2.3	0.23	-	-	-	-	-
2,4-Dinitrotoluene	NS	NS	NS	ND	0.18	0.035	-	-	-	-	-	-	-	-	-	ND	0.49	0.098	-	-	-	-	-
2,6-Dinitrotoluene	NS	NS	NS	ND	0.18	0.03	-	-	-	-	-	-	-	-	-	ND	0.49	0.084	-	-	-	-	-
2-Chloronaphthalene	NS	NS	NS	ND	0.18	0.017	-	-	-	-	-	-	-	-	-	ND	0.49	0.048	-	-	-	-	-
2-Chlorophenol	NS	NS	NS	ND	0.18	0.021	-	-	-	-	-	-	-	-	-	ND	0.49	0.058	-	-	-	-	-
2-Methylnaphthalene	NS	NS	NS	ND	0.21	0.021	-	-	-	-	-	-	-	-	-	ND	0.58	0.059	-	-	-	-	-
2-Methylphenol	500	0.33	0.33	ND	0.18	0.027	-	-	-	-	-	-	-	-	-	ND	0.49	0.076	-	-	-	-	-
2-Nitroaniline	NS	NS	NS	ND	0.18	0.034	-	-	-	-	-	-	-	-	-	ND	0.49	0.094	-	-	-	-	-
2-Nitrophenol	NS	NS	NS	ND	0.38	0.066	-	-	-	-	-	-	-	-	-	ND	1	0.18	-	-	-	-	-
3,3'-Dichlorobenzidine	NS	NS	NS	ND	0.18	0.047	-	-	-	-	-	-	-	-	-	ND	0.49	0.13	-	-	-	-	-
3-Methylphenol/4-Methylphenol	500	0.33	0.33	ND	0.25	0.027	-	-	-	-	-	-	-	-	-	ND	0.7	0.076	-	-	-	-	-
3-Nitroaniline	NS	NS	NS	ND	0.18	0.033	-	-	-	-	-	-	-	-	-	ND	0.49	0.092	-	-	-	-	-
4,6-Dinitro-o-cresol	NS	NS	NS	ND	0.46	0.084	-	-	-	-	-	-	-	-	-	ND	1.3	0.23	-	-	-	-	-
4-Bromophenyl phenyl ether	NS	NS	NS	ND	0.18	0.027	-	-	-	-	-	-	-	-	-	ND	0.49	0.074	-	-	-	-	-
4-Chloroaniline	NS	NS	NS	ND	0.18	0.032	-	-	-	-	-	-	-	-	-	ND	0.49	0.089	-	-	-	-	-
4-Chlorophenyl phenyl ether	NS	NS	NS	ND	0.18	0.019	-	-	-	-	-	-	-	-	-	ND	0.49	0.052	-	-	-	-	-
4-Nitroaniline	NS	NS	NS	ND	0.18	0.073	-	-	-	-	-	-	-	-	-	ND	0.49	0.2	-	-	-	-	-
4-Nitrophenol	NS	NS	NS	ND	0.24	0.072	-	-	-	-	-	-	-	-	-	ND	0.68	0.2	-	-	-	-	-
Acenaphthene	500	98	20	ND	0.14	0.018	-	-	-	-	-	-	-	-	-	ND	0.39	0.05	-	-	-	-	-
Acenaphthylene	500	107	100	ND	0.14	0.027	-	-	-	-	-	-	-	-	-	ND	0.39	0.075	-	-	-	-	-
Acetophenone	NS	NS	NS	ND	0.18	0.022	-	-	-	-	-	-	-	-	-	ND	0.49	0.06	-	-	-	-	-
Anthracene	500	1000	100	ND	0.1	0.034	-	-	-	-	-	-	-	-	-	ND	0.29	0.095	-	-	-	-	-
Benzo(a)anthracene	5.6	1	1	ND	0.1	0.02	-	-	-	-	-	-	-	-	-	ND	0.29	0.055	-	-	-	-	-
Benzo(a)pyrene	1	22	1	ND	0.14	0.043	-	-	-	-	-	-	-	-	-	ND	0.39	0.12	-	-	-	-	-
Benzo(b)fluoranthene	5.6	1.7	1	ND	0.1	0.03	-	-	-	-	-	-	-	-	-	ND	0.29	0.082	-	-	-	-	-
Benzo(ghi)perylene	500	1000	100	ND	0.14	0.021	-	-	-	-	-	-	-	-	-	ND	0.39	0.057	-	-	-	-	-
Benzo(k)fluoranthene	56	1.7	0.8	ND	0.1	0.028	-	-	-	-	-	-	-	-	-	ND	0.29	0.078	-	-	-	-	-
Benzoic Acid	NS	NS	NS	ND	0.57	0.18	-	-	-	-	-	-	-	-	-	ND	1.6	0.49	-	-	-	-	-
Benzyl Alcohol	NS	NS	NS	ND	0.18	0.054	-	-	-	-	-	-	-	-	-	ND	0.49	0.15	-	-	-	-	-
Biphenyl	NS	NS	NS	ND	0.4	0.023	-	-	-	-	-	-	-	-	-	ND	1.1	0.063	-	-	-	-	-
Bis(2-chloroethoxy)methane	NS	NS	NS	ND	0.19	0.018	-	-	-	-	-	-	-	-	-	ND	0.53	0.049	-	-	-	-	-
Bis(2-chloroethyl)ether	NS	NS	NS	ND	0.16	0.024	-	-	-	-	-	-	-	-	-	ND	0.44	0.066	-	-	-	-	-
Bis(2-chloroisopropyl)ether	NS	NS	NS	ND	0.21	0.03	-	-	-	-	-	-	-	-	-	ND	0.58	0.083	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	NS	NS	NS	ND	0.18	0.061	-	-	-	-	-	-	-	-	-	ND	0.49	0.17	-	-	-	-	-
Butyl benzyl phthalate	NS	NS	NS	ND	0.18	0.044	-	-	-	-	-	-	-	-	-	ND	0.49	0.12	-	-	-	-	-
Carbazole	NS	NS	NS	ND	0.18	0.017	-	-	-	-	-	-	-	-	-	ND	0.49	0.047	-	-	-	-	-
Chrysene	56	1	1	ND	0.1	0.018	-	-	-	-	-	-	-	-	-	ND	0.29	0.051	-	-	-	-	-
Dibenzo(a,h)anthracene	0.56	1000	0.33	ND	0.1	0.02	-	-	-	-	-	-	-	-	-	ND	0.29	0.056	-	-	-	-	-
Dibenzofuran	350	210	7	ND	0.18	0.016	-	-	-	-	-	-	-	-	-	ND	0.49	0.046	-	-	-	-	-
Diethyl phthalate	NS	NS	NS	ND	0.18	0.016	-	-	-	-	-	-	-	-	-	ND	0.49	0.045	-	-	-	-	-
Dimethyl phthalate	NS	NS	NS	ND	0.18	0.037	-	-	-	-	-	-	-	-	-	ND	0.49	0.1	-	-	-	-	-
Di-n-butylphthalate	NS	NS	NS	ND	0.18	0.033	-	-	-	-	-	-	-	-	-	ND	0.49	0.092	-	-	-	-	-
Di-n-octylphthalate	NS	NS	NS	ND	0.18	0.06	-	-	-	-	-	-	-	-	-	ND	0.49	0.16	-	-	-	-	-
Fluoranthene	500	1000	100	ND	0.1	0.02	-	-	-	-	-	-	-	-	-	ND	0.29	0.056	-	-	-	-	-
Fluorene	500	386	30	ND	0.18	0.017	-	-	-	-	-	-	-	-	-	ND	0.49	0.047	-	-	-	-	-
Hexachlorobenzene	6	3.2	0.33	ND	0.1	0.02	-	-	-	-	-	-	-	-	-	ND	0.29	0.055	-	-	-	-	-
Hexachlorobutadiene	NS	NS	NS	ND	0.18	0.026	-	-	-	-	-	-	-	-	-	ND	0.49	0.071	-	-	-	-	-
Hexachlorocyclopentadiene	NS	NS	NS	ND	0.5	0.16	-	-	-	-	-	-	-	-	-	ND	1.4	0.44	-	-	-	-	-
Hexachloroethane	NS	NS	NS	ND	0.14	0.028	-	-	-	-	-	-	-	-	-	ND	0.39	0.079	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	5.6	8.2	0.5	ND	0.14	0.024	-	-	-	-	-	-	-	-	-	ND	0.39	0.068	-	-	-	-	-
Isophorone	NS	NS	NS	ND	0.16	0.023	-	-	-	-	-	-	-	-	-	ND	0.44	0.063	-	-	-	-	-
Naphthalene	500	12	12	ND	0.18	0.021	-	-	-	-	-	-	-	-	-	ND	0.49	0.059	-	-	-	-	-
NDPA/DPA	NS	NS	NS	ND	0.14	0.02	-	-	-	-	-	-	-	-	-	ND	0.39	0.055	-	-	-	-	-
Nitrobenzene	NS	NS	NS	ND	0.16	0.026	-	-	-	-	-	-	-	-	-	ND	0.44	0.072	-	-	-	-	-
n-Nitrosodi-n-propylamine	NS	NS	NS	ND	0.18	0.027	-	-	-	-	-	-	-	-	-	ND	0.49	0.075	-	-	-	-	-
o-Chloro-m-cresol	NS	NS	NS	ND	0.18	0.026	-	-	-	-	-	-	-	-	-	ND	0.49	0.073	-	-	-	-	-
Pentachlorophenol	6.7	0.8	0.8	ND	0.14	0.038	-	-	-	-	-	-	-	-	-	ND	0.39	0.11	-	-	-	-	-
Phenanthrene	500	1000	100	ND	0.1	0.021	-	-	-	-	-	-	-	-	-	ND	0.29	0.059	-	-	-	-	-
Phenol	500	0.33	0.33	ND	0.18	0.026	-	-	-	-	-	-	-	-	-	ND	0.49	0.074	-	-	-	-	-
Pyrene	500	1000	100	ND	0.1	0.017	-	-	-	-	-	-	-	-	-	ND	0.29	0.048	-	-	-	-	-
Total SVOCs	NS	NS	NS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GENERAL CHEMISTRY																							
Solids, Total</																							


Table 2 - Summary of Groundwater Sampling Results
101-21 101st Street
Queens, New York
VERTEX Project No. 79111

SAMPLE ID: LAB ID: COLLECTION DATE: LOCATION:	NY-AWQS	NY-TOGS-GA	VTX-TW-1				VTX-TW-2				VTX-TW-3				VTX-TW-4				VTX-TW-5				VTX-TW-6				B-4W									
			Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL						
			L2224545-07				L2224545-08				L2224545-09				L2224545-10				L2224545-11				L2224545-12				L2224545-13									
			5/9/2022				5/9/2022				5/10/2022				5/10/2022				5/10/2022				5/9/2022				5/9/2022									
			Adjacent to F.O. UST (NW)				Adjacent to TCE UST				Adjacent to hydraulic elevator				Adjacent to former vault				Adjacent to removed F.O. UST				SW corner of building				Geotech MW in sidewalk along 101st									
ANALYTE	(ug/l)	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL						
SEMIVOLATILE ORGANICS BY GC/MS																																				
1,2,4,5-Tetrachlorobenzene	5	5	ND		10	0.44	-				-				ND		10	0.44	ND		10	0.44	-				-									
1,2,4-Trichlorobenzene	5	5	ND		5	0.5	-				-				ND		5	0.5	ND		5	0.5	-				-									
1,2-Dichlorobenzene	3	3	ND		2	0.45	-				-				ND		2	0.45	ND		2	0.45	-				-									
1,3-Dichlorobenzene	3	3	ND		2	0.4	-				-				ND		2	0.4	ND		2	0.4	-				-									
1,4-Dichlorobenzene	3	3	ND		2	0.43	-				-				ND		2	0.43	ND		2	0.43	-				-									
2,4,5-Trichlorophenol	NS	NS	ND		5	0.77	-				-				ND		5	0.77	ND		5	0.77	-				-									
2,4,6-Trichlorophenol	NS	NS	ND		5	0.61	-				-				ND		5	0.61	ND		5	0.61	-				-									
2,4-Dichlorophenol	1	2	ND		5	0.41	-				-				ND		5	0.41	ND		5	0.41	-				-									
2,4-Dimethylphenol	50	2	ND		5	1.8	-				-				ND		5	1.8	ND		5	1.8	-				-									
2,4-Dinitrophenol	10	2	ND		20	6.6	-				-				ND		20	6.6	ND		20	6.6	-				-									
2,4-Dinitrotoluene	5	5	ND		5	1.2	-				-				ND		5	1.2	ND		5	1.2	-				-									
2,6-Dinitrotoluene	5	5	ND		5	0.93	-				-				ND		5	0.93	ND		5	0.93	-				-									
2-Chlorophenol	NS	NS	ND		2	0.48	-				-				ND		2	0.48	ND		2	0.48	-				-									
2-Methylphenol	NS	NS	ND		5	0.49	-				-				ND		5	0.49	ND		5	0.49	-				-									
2-Nitroaniline	5	5	ND		5	0.5	-				-				ND		5	0.5	ND		5	0.5	-				-									
2-Nitrophenol	NS	NS	ND		10	0.85	-				-				ND		10	0.85	ND		10	0.85	-				-									
3,3'-Dichlorobenzidine	5	5	ND		5	1.6	-				-				ND		5	1.6	ND		5	1.6	-				-									
3-Methylphenol/4-Methylphenol	NS	NS	ND		5	0.48	-				-				ND		5	0.48	ND		5	0.48	-				-									
3-Nitroaniline	5	5	ND		5	0.81	-				-				ND		5	0.81	ND		5	0.81	-				-									
4,6-Dinitro-o-cresol	NS	NS	ND		10	1.8	-				-				ND		10	1.8	ND		10	1.8	-				-									
4-Bromophenyl phenyl ether	NS	NS	ND		2	0.38	-				-				ND		2	0.38	ND		2	0.38	-				-									
4-Chloroaniline	5	5	ND		5	1.1	-				-				ND		5	1.1	ND		5	1.1	-				-									
4-Chlorophenyl phenyl ether	NS	NS	ND		2	0.49	-				-				ND		2	0.49	ND		2	0.49	-				-									
4-Nitroaniline	5	5	ND		5	0.8	-				-				ND		5	0.8	ND		5	0.8	-				-									
4-Nitrophenol	NS	NS	ND		10	0.67	-				-				ND		10	0.67	ND		10	0.67	-				-									
Acetophenone	NS	NS	ND		5	0.53	-				-				ND		5	0.53	ND		5	0.53	-				-									
Benzoic Acid	NS	NS	ND		50	2.6	-				-				ND		50	2.6	ND		50	2.6	-				-									
Benzyl Alcohol	NS	NS	ND		2	0.59	-				-				ND		2	0.59	ND		2	0.59	-				-									
Biphenyl	NS	NS	ND		2	0.46	-				-				ND		2	0.46	ND		2	0.46	-				-									
Bis(2-chloroethoxy)methane	5	5	ND		5	0.5	-				-				ND		5	0.5	ND		5	0.5	-				-									
Bis(2-chloroethyl)ether	1	1	ND		2	0.5	-				-				ND		2	0.5	ND		2	0.5	-				-									
Bis(2-chloroisopropyl)ether	5	5	ND		2	0.53	-				-				ND		2	0.53	ND		2	0.53	-				-									
Bis(2-ethylhexyl)phthalate	5	5	ND		3	1.5	-				-				2.2	J	3	1.5	ND		3	1.5	-				-									
Butyl benzyl phthalate	50	50	ND		5	1.2	-				-				ND		5	1.2	ND		5	1.2	-				-									
Carbazole	NS	NS	ND		2	0.49	-				-				ND		2	0.49	ND		2	0.49	-				-									
Dibenzofuran	NS	NS	ND		2	0.5	-				-				ND		2	0.5	ND		2	0.5	-				-									
Diethyl phthalate	50	50	0.66	J	5	0.38	-				-				0.96	J	5	0.38	ND		5	0.38	-				-									
Dimethyl phthalate	50	50	ND		5	1.8	-				-				ND		5	1.8	ND		5	1.8	-				-									
Di-n-butylphthalate	50	50	1.3	J	5	0.39	-				-				ND		5	0.39	ND		5	0.39	-				-									
Di-n-octylphthalate	50	50	ND		5	1.3	-				-				ND		5	1.3	ND		5	1.3	-				-									
Hexachlorocyclopentadiene	5	5	ND		20	0.69	-				-				ND		20	0.69	ND		20	0.69	-				-									
Isophorone	50	50	ND		5	1.2	-				-				ND		5	1.2	ND		5	1.2	-				-									
NDPA/DPA	50	50	ND		2	0.42	-				-				ND		2	0.42	ND		2	0.42	-				-									
Nitrobenzene	0.4	0.4	ND		2	0.77	-				-				ND		2	0.77	ND		2	0.77	-				-									
n-Nitrosodi-n-propylamine	NS	NS	ND		5	0.64	-				-				ND		5	0.64	ND		5	0.64	-				-									
p-Chloro-m-cresol	NS	NS	ND		2	0.35	-				-				ND		2	0.35	ND		2	0.35	-				-									
Phenol	1	2	ND		5	0.57	-				-				ND		5	0.57	ND		5	0.57	-				-									
Total SVOCs	NS	NS	1.96	-	-	-	-	-	-	-	-	-	-	-	3.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SEMIVOLATILE ORGANICS BY GC/MS-SIM																																				
2-Chloronaphthalene	10	10	ND		0.2	0.02	-				-				ND		0.2	0.02	ND		0.2	0.02	-				-									
2-Methylnaphthalene	NS	NS</																																		

Table 3 - Summary of Sub-Slab Soil Gas and Indoor Air Sampling Results
 101-21 101st Street
 Queens, New York
 VERTEX Project No. 79111


LOCATION	NY-SSC-A	NY-IAC-A	NY-SSC-B	NY-IAC-B	NY-SSC-C	NY-IAC-C	Units	VTX-SG1	VTX-IA-1	VTX-SG2	VTX-IA-2	VTX-SG3	VTX-IA-3	VTX-SG4	VTX-IA-4	VTX-SG5	VTX-IA-5	VTX-AA-1									
SAMPLING DATE								5/9/2022	5/6/2022	5/9/2022	5/6/2022	5/9/2022	5/6/2022	5/9/2022	5/6/2022	5/9/2022	5/6/2022	5/6/2022									
LAB SAMPLE ID								L2224547-01	L2224240-01	L2224547-02	L2224240-02	L2224547-03	L2224240-03	L2224547-04	L2224240-04	L2224547-05	L2224240-05	L2224240-06									
SAMPLE TYPE								SOIL_VAPOR	AIR	SOIL_VAPOR	AIR	SOIL_VAPOR	AIR	SOIL_VAPOR	AIR	SOIL_VAPOR	AIR	AIR									
LOCATION																											
Volatile Organics in Air																											
1,1,1-Trichloroethane	NS	NS	100	3	NS	NS	ug/m3	61.7	U	0.153	U	42.9	U	0.169	U	567	U	0.169	U	1.45	U	63.3	U	0.12	U	0.109	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	NS	NS	NS	ug/m3	77.6	U	1.37	U	54	U	1.37	U	149	U	1.37	U	49.4	U	1.37	U	42.6	U	1.37	U
1,1,2-Trichloroethane	NS	NS	NS	NS	NS	NS	ug/m3	61.7	U	1.09	U	42.9	U	1.09	U	118	U	1.09	U	39.3	U	1.09	U	33.8	U	1.09	U
1,1-Dichloroethane	NS	NS	NS	NS	NS	NS	ug/m3	45.7	U	0.809	U	31.8	U	0.809	U	87.8	U	0.809	U	156	U	0.809	U	25.1	U	0.809	U
1,1-Dichloroethene	6	0.2	NS	NS	NS	NS	ug/m3	44.8	U	0.079	U	31.2	U	0.079	U	86	U	0.079	U	28.5	U	0.079	U	24.6	U	0.079	U
1,2,4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	ug/m3	83.9	U	1.48	U	58.3	U	1.48	U	161	U	1.48	U	53.4	U	1.48	U	46	U	1.48	U
1,2,4-Trimethylbenzene	NS	NS	NS	NS	NS	NS	ug/m3	55.6	U	4.9	U	38.6	U	1.69	U	107	U	2.07	U	35.4	U	0.983	U	30.5	U	2.07	U
1,2-Dibromoethane	NS	NS	NS	NS	NS	NS	ug/m3	86.8	U	1.54	U	60.4	U	1.54	U	167	U	1.54	U	55.3	U	1.54	U	47.6	U	1.54	U
1,2-Dichlorobenzene	NS	NS	NS	NS	NS	NS	ug/m3	67.9	U	1.2	U	47.3	U	1.2	U	130	U	1.2	U	43.3	U	1.2	U	37.3	U	1.2	U
1,2-Dichloroethane	NS	NS	NS	NS	NS	NS	ug/m3	45.7	U	0.809	U	31.8	U	0.809	U	87.8	U	0.809	U	29.1	U	0.809	U	25.1	U	0.809	U
1,2-Dichloropropane	NS	NS	NS	NS	NS	NS	ug/m3	52.2	U	0.924	U	36.3	U	0.924	U	100	U	0.924	U	33.3	U	0.924	U	28.7	U	0.924	U
1,3,5-Trimethylbenzene	NS	NS	NS	NS	NS	NS	ug/m3	55.6	U	1.33	U	38.6	U	0.983	U	107	U	0.983	U	35.4	U	0.983	U	30.5	U	0.983	U
1,3-Butadiene	NS	NS	NS	NS	NS	NS	ug/m3	25	U	0.442	U	17.4	U	0.442	U	48	U	0.442	U	15.9	U	0.442	U	13.7	U	0.442	U
1,3-Dichlorobenzene	NS	NS	NS	NS	NS	NS	ug/m3	67.9	U	1.2	U	47.3	U	1.2	U	130	U	1.2	U	43.3	U	1.2	U	37.3	U	1.2	U
1,4-Dichlorobenzene	NS	NS	NS	NS	NS	NS	ug/m3	67.9	U	4.32	U	47.3	U	5.04	U	130	U	1.2	U	43.3	U	1.2	U	37.3	U	1.2	U
1,4-Dioxane	NS	NS	NS	NS	NS	NS	ug/m3	40.7	U	0.721	U	28.3	U	0.721	U	78.2	U	0.721	U	25.9	U	0.721	U	22.3	U	0.721	U
2,2,4-Trimethylpentane	NS	NS	NS	NS	NS	NS	ug/m3	52.8	U	1.83	U	36.7	U	1.25	U	101	U	1.49	U	33.6	U	1.18	U	29	U	1.44	U
2-Butanone	NS	NS	NS	NS	NS	NS	ug/m3	83.2	U	10.4	U	83.2	U	7.43	U	160	U	3.1	U	53.1	U	1.93	U	45.7	U	3.54	U
2-Hexanone	NS	NS	NS	NS	NS	NS	ug/m3	46.3	U	0.82	U	32.2	U	0.82	U	88.9	U	0.82	U	29.5	U	0.82	U	25.4	U	0.82	U
3-Chloropropene	NS	NS	NS	NS	NS	NS	ug/m3	35.4	U	0.626	U	24.6	U	0.626	U	67.9	U	0.626	U	22.5	U	0.626	U	19.4	U	0.626	U
4-Ethyltoluene	NS	NS	NS	NS	NS	NS	ug/m3	55.6	U	0.983	U	38.6	U	0.983	U	107	U	0.983	U	35.4	U	0.983	U	30.5	U	0.983	U
4-Methyl-2-pentanone	NS	NS	NS	NS	NS	NS	ug/m3	116	U	2.05	U	80.3	U	2.05	U	223	U	2.05	U	73.8	U	2.05	U	63.5	U	2.05	U
Acetone	NS	NS	NS	NS	NS	NS	ug/m3	134	U	118	U	770	U	125	U	458	U	66	U	96.7	U	43.2	U	73.6	U	73.4	U
Benzene	NS	NS	NS	NS	NS	NS	ug/m3	36.1	U	1.1	U	25.1	U	1.27	U	69.3	U	1.45	U	23	U	0.99	U	19.8	U	1.46	U
Benzyl chloride	NS	NS	NS	NS	NS	NS	ug/m3	58.5	U	1.04	U	40.7	U	1.04	U	112	U	1.04	U	37.3	U	1.04	U	32.1	U	1.04	U
Bromodichloromethane	NS	NS	NS	NS	NS	NS	ug/m3	75.7	U	1.34	U	52.7	U	1.34	U	145	U	1.34	U	48.2	U	1.34	U	41.5	U	1.34	U
Bromoform	NS	NS	NS	NS	NS	NS	ug/m3	117	U	2.07	U	81.3	U	2.07	U	224	U	2.07	U	74.4	U	2.07	U	64.1	U	2.07	U
Bromomethane	NS	NS	NS	NS	NS	NS	ug/m3	43.9	U	0.777	U	30.5	U	0.777	U	84.3	U	0.777	U	28	U	0.777	U	24.1	U	0.777	U
Carbon disulfide	NS	NS	NS	NS	NS	NS	ug/m3	35.2	U	0.623	U	24.5	U	0.623	U	67.6	U	0.623	U	22.4	U	0.623	U	19.3	U	0.623	U
Carbon tetrachloride	6	0.2	NS	NS	NS	NS	ug/m3	71.1	U	0.616	U	49.4	U	0.629	U	137	U	0.623	U	45.3	U	0.648	U	39	U	0.629	U
Chlorobenzene	NS	NS	NS	NS	NS	NS	ug/m3	52	U	0.921	U	36.2	U	0.921	U	99.9	U	0.921	U	33.2	U	0.921	U	28.6	U	0.921	U
Chloroethane	NS	NS	NS	NS	NS	NS	ug/m3	29.8	U	0.528	U	20.7	U	0.528	U	57.3	U	0.528	U	19	U	0.528	U	16.4	U	0.528	U
Chloroform	NS	NS	NS	NS	NS	NS	ug/m3	61.5	U	0.977	U	38.4	U	0.977	U	106	U	0.977	U	35.2	U	0.977	U	30.3	U	0.977	U
Chloromethane	NS	NS	NS	NS	NS	NS	ug/m3	23.3	U	1.43	U	16.2	U	1.61	U	44.8	U	1.48	U	14.9	U	1.5	U	12.8	U	1.49	U
cis-1,2-Dichloroethene	6	0.2	NS	NS	NS	NS	ug/m3	151	U	0.86	U	264	U	0.218	U	496	U	0.163	U	3270	U	0.262	U	991	U	0.159	U
cis-1,3-Dichloropropene	NS	NS	NS	NS	NS	NS	ug/m3	51.3	U	0.908	U	35.7	U	0.908	U	98.5	U	0.908	U	32.7	U	0.908	U	28.1	U	0.908	U
Cyclohexane	NS	NS	NS	NS	NS	NS	ug/m3	38.9	U	0.688	U	27.1	U	0.688	U	74.7	U	0.688	U	24.8	U	0.688	U	21.3	U	0.688	U
Dibromochloromethane	NS	NS	NS	NS	NS	NS	ug/m3	96.3	U	1.7	U	67	U	1.7	U	185	U	1.7	U	61.3	U	1.7	U	52.8	U	1.7	U
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	ug/m3	55.9	U	3.13	U	38.9	U	3.2	U	107	U	3.28	U	35.6	U	3.19	U	30.7	U	3.25	U
Ethanol	NS	NS	NS	NS	NS	NS	ug/m3	531	U	147	U	369	U	185	U	1030	U	286	U	339	U	63.1	U	292	U	281	U
Ethyl Acetate	NS	NS	NS	NS	NS	NS	ug/m3	102	U	2.79	U	70.6	U	2.21	U	196	U	1.8	U	64.9	U	3.93	U	55.9	U	1.8	U
Ethylbenzene	NS	NS	NS	NS	NS	NS	ug/m3	49.1	U	5.52	U	821	U	3.79	U	94.3	U	7.21	U	31.3	U	1.46	U	26.9	U	12.3	U
Freon-113	NS	NS	NS	NS	NS	NS	ug/m3	86.6	U	1.53	U	60.2	U	1.53	U	166	U	1.53	U	55.2	U	1.53	U	47.5	U	1.53	U
Freon-114	NS	NS	NS	NS	NS	NS	ug/m3	79	U	1.4	U	54.9	U	1.4	U	152	U	1.4	U	50.3	U	1.4	U	43.3	U	1.4	U
Heptane	NS	NS	NS	NS	NS	NS	ug/m3	46.3	U	1.76	U	32.2	U	1.05	U	88.9	U	1.32	U	29.5	U	1.07	U	25.4	U	1.22	U
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	ug/m3	121	U	2.13	U	83.8	U	2.13	U	231	U	2.13	U	76.8	U	2.13	U	66.1	U	2.13	U
Isopropanol	NS	NS	NS	NS	NS	NS	ug/m3	69.3	U	20.1	U	48.2	U	20.5	U	134	U	32.2	U	44.2	U	20.4	U	38.1	U	49.2	U
Methyl tert butyl ether	NS	NS	NS	NS	NS	NS	ug/m3	40.7	U	0.721	U	28.3	U	0.721	U	78.2	U	0.721	U	26	U	0.721	U	22.4	U	0.721	U
Methylene chloride	NS	NS	100	3	NS	NS	ug/m3	98	U	16.7	U	68.1	U	25.4	U	189	U	129	U	62.5	U	11	U	53.8	U	102	U
n-Hexane	NS	NS	NS	NS	NS	NS	ug/m3	39.8	U	2.22	U	27.7	U	1.13	U	76.5	U	1.6	U	25.4	U	0.93	U	21.9	U	1.69	U
o-Xylene	NS	NS	NS	NS	NS	NS	ug/m3	49.1	U	6.6	U	830	U	4.82	U	94.3	U	12.1	U	31.3	U	2.06	U	26.9	U	21.9	U
p/m-Xylene	NS	NS	NS	NS	NS	NS	ug/m3	98.2	U	17	U	3020	U	13.3	U	189	U	34.5	U	62.5	U	5.91	U	53.9	U	61.7	U
Styrene	NS	NS	NS	NS	NS																						

APPENDIX A:
SOIL BORING LOGS

SOIL BORING/MONITORING WELL CONSTRUCTION LOG							DESIGNATION	VTX-SB-1			
		PROJECT: Ozone Park				PROJECT NO.: 79111					
		LOCATION: 101-21 101st Street, Queens, New York				DRILLER: Clean Globe					
		INSTALLATION DATES: 5/9/2022				INSPECTOR: Amanda Turner					
SAMPLER		CASING		CORE		GROUNDWATER DEPTH MEASUREMENTS					
TYPE	Geoprobe	TYPE	Sleeve	BARREL TYPE	Steel	ELEVATION INFORMATION		DATE:	5/9/2022		
SIZE (ID)	2 IN	MATERIAL	PVC	SIZE (ID)	2	DATUM:	-	TIME:	10:50		
HAMMER (LB.)	-	DIAMETER	2"	DIAMETER	2	TOC:	-	DEPTH (Ft):	35		
FALL (IN.)	-	LENGTH	5'			GS:	-	ELEVATION (Ft):	-		
SAMPLE INFORMATION						SOIL DESCRIPTION			WELL CONST	PID (PPM)	
DEPTH ELEVATION	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/EL.)				Background/ Actual		
0						0.0 - 0.5: Concrete and sub-base			0.0		
1	0.0 - 5.0	Hand Auger							0.0		
2									0.0		
3		5/1.0							0.0		
4									0.0		
5	5.0 - 10.0	5/3.0							0.0		
6									0.0		
7									0.0		
8									0.0		
9									0.0		
10									0.0		
11	10.0 - 15.0	5/3.0							0.0		
12									0.0		
13									0.0		
14									0.0		
15	15.0 - 20.0	5/2.75				0.5 - 35.0: Brown medium grain sand with trace sub-angular rock, dry to moist and wet at approx 30'; no staining or odors			0.0		
16									0.0		
17									0.0		
18									0.0		
19									0.0		
20									0.0		
21	20.0 - 25.0	5/3.0							0.0		
22									0.0		
23									0.0		
24									0.0		
25	25.0 - 30.0	5/1.75							0.0		
26									0.0		
27									0.0		
28									0.0		
29									0.0		
30									0.0		
31	30.0 - 35.0	5/2.5				Boring terminated at 35.0 ft bgs			0.0		
32						Soil sample VTX-SB-1 collected at 11:37 hrs from 30.0-30.5ft bgs			0.0		
33						Temporary monitoring well installed; depth to water 28.94 ft bgs			0.0		
34						GW sample VTX-TW-1 collected at 12:14 hrs			0.0		
									0.0		
MODIFIER		SAND AND GRAVEL		SILT AND CLAY		LOCATION:		Near NW corner of property		WELL CONSTRUCTION	
1 - 10%	Trace	Density	Blows (N)	Consistency	Blows (N)	MONITORING WELL CONSTRUCTION DATA				Screen	
10 - 20%	Little	Very loose	0 - 4	Very soft	<2	DEPTH:	15	DEPTH/TYPE PACK:	-	Riser	
20 - 35%	Some	Loose	4 - 10	Soft	2 - 4	DIAMETER (inches):	1.0	DEPTH/TYPE SEAL:	-	Concrete	
35 - 50%	And	Medium Dense	10 - 30	Medium Stiff	4 - 8	MATERIAL:	PVC	BACKFILL MATERIAL:	-	Bentonite	
		Dense	30 - 50	Stiff	8 - 15	SLOT SIZE (inches):	0.01	SURFACE SEAL:	-	Native	
		Very Dense	>50	Very Stiff	15 - 30	SCREEN INTERVAL:	5'-15'	ROADBOX DESC.:	-	Sand	
				Hard	>30	LENGTH OF RISER:	5			Grout	


NOTES:

1. Soils are visually classified in general accordance with the Modified Burmister Soil Classification System.

SOIL BORING/MONITORING WELL CONSTRUCTION LOG						DESIGNATION	VTX - SB - 2								
		PROJECT: Ozone Park				PROJECT NO.:		79111							
		LOCATION: 101-21 101st Street, Queens, New York				DRILLER:		Clean Globe							
		INSTALLATION DATES: 5/9/2021				INSPECTOR:		Amanda Turner							
SAMPLER		CASING		CORE		GROUNDWATER DEPTH MEASUREMENTS									
TYPE	Geoprobe	TYPE	Sleeve	BARREL TYPE	Steel	ELEVATION INFORMATION		DATE:	5/9/2022						
SIZE (ID)	2 IN	MATERIAL	PVC	SIZE (ID)	2	DATUM:	-	TIME:	11:40						
HAMMER (LB.)	-	DIAMETER	2"	DIAMETER	2	TOC:	-	DEPTH (Ft):	30						
FALL (IN.)	-	LENGTH	5'			GS:	-	ELEVATION (Ft):	-						
SAMPLE INFORMATION						SOIL DESCRIPTION				WELL CONST	PID (PPM)				
DEPTH ELEVATION	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/El.)					Background/ Actual					
0	0.0 - 5.0	hand auger				0.0 - 0.5: Concrete and sub-base				0.0					
1							0.0								
2							0.0								
3							0.0								
4				5/1.0			0.0								
5	5.0 - 10.0	5/3.0				0.5 - 30.0: Brown medium grain sand with trace sub-angular rock, dry to moist and wet at approx 27'; no staining or odors				0.0					
6											0.0				
7											0.0				
8											0.0				
9											0.0				
10	10.0 - 15.0	5/2.75												0.0	
11											0.0				
12											0.0				
13											0.0				
14											0.0				
15	15.0 - 20.0	5/2.75												0.0	
16											0.0				
17											0.0				
18											0.0				
19											0.0				
20	20.0 - 25.0	5/3.0												0.0	
21											0.0				
22											0.0				
23											0.0				
24											0.0				
25	25.0 - 30.0	5/3.0												0.0	
26											0.0				
27											0.0				
28											0.0				
29											0.0				
Boring terminated at 30.0 ft bgs Soil sample VTX-SB-2 collected at 10:34 hrs from 26.0 - 26.5 ft bgs Temporary monitoring well installed; depth to water 27.02 ft bgs GW sample VTX-TW-2 collected at 11:06 hrs														0.0	
MODIFIER		SAND AND GRAVEL		SILT AND CLAY						LOCATION: Near NW corner of property				WELL CONSTRUCTION	
1 - 10%	Trace	Density	Blows (N)	Consistency	Blows (N)					MONITORING WELL CONSTRUCTION DATA				Screen	
10 - 20%	Little	Very loose	0 - 4	Very soft	<2					DEPTH:	15	DEPTH/TYPE PACK:	-	Riser	
20 - 35%	Some	Loose	4 - 10	Soft	2 - 4	DIAMETER (inches):	1.0	DEPTH/TYPE SEAL:	-	Concrete					
35 - 50%	And	Medium Dense	10 - 30	Medium Stiff	4 - 8	MATERIAL:	PVC	BACKFILL MATERIAL:	-	Bentonite					
		Dense	30 - 50	Stiff	8 - 15	SLOT SIZE (inches):	0.01	SURFACE SEAL:	-	Native					
		Very Dense	>50	Very Stiff	15 - 30	SCREEN INTERVAL:	5'-15'	ROADBOX DESC.:	-	Sand					
				Hard	>30	LENGTH OF RISER:	5			Grout					


NOTES:

1. Soils are visually classified in general accordance with the Modified Burmister Soil Classification System.
2. Sampled from interval above groundwater interface


SOIL BORING/MONITORING WELL CONSTRUCTION LOG						DESIGNATION	VTX-SB-3		
		PROJECT: Ozone Park				PROJECT NO.:	79111		
		LOCATION: 101-21 101st Street, Queens, New York				DRILLER:	Clean Globe		
		INSTALLATION DATES: 5/9/2022				INSPECTOR:	Amanda Turner		
SAMPLER		CASING		CORE		GROUNDWATER DEPTH MEASUREMENTS			
TYPE	Geoprobe	TYPE	Sleeve	BARREL TYPE	Steel	ELEVATION INFORMATION	DATE:	5/10/2022	
SIZE (ID)	2 IN	MATERIAL	PVC	SIZE (ID)	2	DATUM:	TIME:	10:30	
HAMMER (LB.)	-	DIAMETER	2"	DIAMETER	2	TOC:	DEPTH (Ft):	35	
FALL (IN.)	-	LENGTH	5'			GS:	ELEVATION (Ft):	-	
SAMPLE INFORMATION						SOIL DESCRIPTION		PID (PPM)	
DEPTH ELEVATION	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/EL.)			Background/Actual	
0						0.0 - 2.0: Concrete and sub-base		0.0	
1		Hand Auger						0.0	
2	0.0 - 5.0							0.0	
3								0.0	
4		5/1.0						0.2	
5		5/2.25						0.0	
6	5.0 - 10.0							0.0	
7								0.0	
8								0.0	
9								0.0	
10								0.0	
11			5/2.5						0.0
12	10.0 - 15.0							0.0	
13								0.0	
14								0.0	
15			5/2.75						0.0
16	15.0 - 20.0							0.0	
17								0.0	
18								0.0	
19								0.0	
20				5/2.75					
21		20.0 - 25.0							0.0
22								0.0	
23								0.0	
24			5/2.5						0.0
25	25.0 - 30.0							0.0	
26								0.0	
27								0.0	
28								0.0	
29				5/2.25					
30		30.0 - 35.0							0.0
31								0.0	
32								0.0	
33							0.0		
34							0.0		
Boring terminated at 35.0 ft bgs Soil sample VTX-SB-3 collected at 11:10 hrs from 10.0 - 10.5 ft bgs Temporary monitoring well installed; depth to water 27.24 ft bgs GW sample VTX-TW-3 collected at 11:43 hrs								0.0	
MODIFIER	SAND AND GRAVEL		SILT AND CLAY		LOCATION:	Near NW corner of property		WELL CONSTRUCTION	
1 - 10%	Trace	Density	Blows (N)	Consistency	Blows (N)	MONITORING WELL CONSTRUCTION DATA		Screen	
10 - 20%	Little	Very loose	0 - 4	Very soft	<2	DEPTH:	15	DEPTH/TYPE PACK:	Riser
20 - 35%	Some	Loose	4 - 10	Soft	2 - 4	DIAMETER (inches):	1.0	DEPTH/TYPE SEAL:	Concrete
35 - 50%	And	Medium Dense	10 - 30	Medium Stiff	4 - 8	MATERIAL:	PVC	BACKFILL MATERIAL:	Bentonite
		Dense	30 - 50	Stiff	8 - 15	SLOT SIZE (inches):	0.01	SURFACE SEAL:	Native
		Very Dense	>50	Very Stiff	15 - 30	SCREEN INTERVAL:	5'-15'	ROADBOX DESC.:	Sand
				Hard	>30	LENGTH OF RISER:	5		Grout

NOTES:

1. Soils are visually classified in general accordance with the Modified Burmister Soil Classification System.

SOIL BORING/MONITORING WELL CONSTRUCTION LOG							DESIGNATION	VTX-SB-3		
		PROJECT: Ozone Park					PROJECT NO.:	79111		
		LOCATION: 101-21 101st Street, Queens, New York					DRILLER:	Clean Globe		
		INSTALLATION DATES: 5/9/2022					INSPECTOR:	Amanda Turner		
SAMPLER		CASING		CORE		GROUNDWATER DEPTH MEASUREMENTS				
TYPE	Geoprobe	TYPE	Sleeve	BARREL TYPE	Steel	ELEVATION INFORMATION		DATE:	5/10/2022	
SIZE (ID)	2 IN	MATERIAL	PVC	SIZE (ID)	2	DATUM:	-	TIME:	8:45	
HAMMER (LB.)	-	DIAMETER	2"	DIAMETER	2	TOC:	-	DEPTH (Ft):	35	
FALL (IN.)	-	LENGTH	5'			GS:	-	ELEVATION (Ft):	-	
SAMPLE INFORMATION						SOIL DESCRIPTION		WELL CONST	PID (PPM)	
DEPTH ELEVATION	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/EL.)				Background/ Actual	
0									0.0	
1		Hand Auger				0.0 - 3.0: Concrete and sub-base			0.0	
2	0.0 - 5.0								0.0	
3									0.0	
4		5/1.0					3.0 - 5.0: Dark brown fill material with some clay; no odors or staining		3.2	
5									0.0	
6	5.0 - 10.0	5/2.25							0.0	
7									0.0	
8									0.0	
9									0.0	
10	10.0 - 15.0	5/2.5							0.0	
11									0.0	
12									0.0	
13									0.0	
14									0.0	
15	15.0 - 20.0	5/2.75							0.0	
16									0.0	
17									0.0	
18									0.0	
19									0.0	
20									0.0	
21	20.0 - 25.0	5/2.75							0.0	
22									0.0	
23									0.0	
24									0.0	
25	25.0 - 30.0	5/2.5							0.0	
26									0.0	
27									0.0	
28									0.0	
29									0.0	
30	30.0 - 35.0	2.25							0.0	
31									0.0	
32									0.0	
33									0.0	
34									0.0	
						Boring terminated at 35.0 ft bgs Soil sample VTX-SB-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs Temporary monitoring well installed; depth to water 27.36 ft bgs GW sample VTX-TW-4 collected at 10:32 hrs			0.0	
MODIFIER	SAND AND GRAVEL		SILT AND CLAY		LOCATION:	Near NW corner of property			WELL CONSTRUCTION	
1 - 10%	Trace	Density	Blows (N)	Consistency	Blows (N)	MONITORING WELL CONSTRUCTION DATA			Screen	
10 - 20%	Little	Very loose	0 - 4	Very soft	<2	DEPTH:	15	DEPTH/TYPE PACK:	-	Riser
20 - 35%	Some	Loose	4 - 10	Soft	2 - 4	DIAMETER (inches):	1.0	DEPTH/TYPE SEAL:	-	Concrete
35 - 50%	And	Medium Dense	10 - 30	Medium Stiff	4 - 8	MATERIAL:	PVC	BACKFILL MATERIAL:	-	Bentonite
		Dense	30 - 50	Stiff	8 - 15	SLOT SIZE (inches):	0.01	SURFACE SEAL:	-	Native
		Very Dense	>50	Very Stiff	15 - 30	SCREEN INTERVAL:	5'-15'	ROADBOX DESC.:	-	Sand
				Hard	>30	LENGTH OF RISER:	5			Grout

NOTES:
 1. Soils are visually classified in general accordance with the Modified Burmister Soil Classification System.
 2. Sampled from interval below former trench and where elevated PID readings were observed

SOIL BORING/MONITORING WELL CONSTRUCTION LOG							DESIGNATION	VTX-SB-3			
		PROJECT: Ozone Park					PROJECT NO.:	79111			
		LOCATION: 101-21 101st Street, Queens, New York					DRILLER:	Clean Globe			
		INSTALLATION DATES: 5/9/2022					INSPECTOR:	Amanda Turner			
SAMPLER		CASING		CORE		GROUNDWATER DEPTH MEASUREMENTS					
TYPE	Geoprobe	TYPE	Sleeve	BARREL TYPE	Steel	ELEVATION INFORMATION		DATE:	5/10/2022		
SIZE (ID)	2 IN	MATERIAL	PVC	SIZE (ID)	2	DATUM:	-	TIME:	8:45		
HAMMER (LB.)	-	DIAMETER	2"	DIAMETER	2	TOC:	-	DEPTH (Ft):	35		
FALL (IN.)	-	LENGTH	5'			GS:	-	ELEVATION (Ft):	-		
SAMPLE INFORMATION						SOIL DESCRIPTION			WELL CONST	PID (PPM)	
DEPTH ELEVATION	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/EL.)				Background/ Actual		
0						0.0 - 2.0: Concrete and sub-base			0.0		
1		Hand Auger							0.0		
2	0.0 - 5.0								0.0		
3		5/0.0							0.0		
4									0.0		
5									0.0		
6									0.0		
7	5.0 - 10.0	5/1.75							0.0		
8									0.0		
9									0.0		
10									0.0		
11									0.0		
12	10.0 - 15.0	5/3.0							0.0		
13									0.0		
14									0.0		
15									0.0		
16									0.0		
17	15.0 - 20.0	5/3.0				2.0 - 34.0: Brown medium grain sand with trace sub-angular rock, dry to moist and wet at approx 30'; no staining or odors			0.0		
18									0.0		
19									0.0		
20									0.0		
21									0.0		
22	20.0 - 25.0	5/3.0							0.0		
23									0.0		
24									0.0		
25									0.0		
26									0.0		
27	25.0 - 30.0	5/3.0							0.0		
28									0.0		
29									0.0		
30									0.0		
31									0.0		
32	30.0 - 35.0	1.75							0.0		
33						Refusal at 34.0 ft bgs			0.0		
34						Soil sample VTX-SB-5 collected at 12:34 hrs from 8.0 - 8.5 ft bgs			0.0		
						Temporary monitoring well installed; depth to water 27.44 ft bgs			0.0		
						GW sample VTX-TW-5 collected at 12:51 hrs			0.0		
MODIFIER	SAND AND GRAVEL		SILT AND CLAY		LOCATION:	Near NW corner of property			WELL CONSTRUCTION		
1 - 10%	Trace	Density	Blows (N)	Consistency	Blows (N)	MONITORING WELL CONSTRUCTION DATA					
10 - 20%	Little	Very loose	0 - 4	Very soft	<2	DEPTH:	15	DEPTH/TYPE PACK:	-	Screen	
20 - 35%	Some	Loose	4 - 10	Soft	2 - 4	DIAMETER (inches):	1.0	DEPTH/TYPE SEAL:	-	Riser	
35 - 50%	And	Medium Dense	10 - 30	Medium Stiff	4 - 8	MATERIAL:	PVC	BACKFILL MATERIAL:	-	Concrete	
		Dense	30 - 50	Stiff	8 - 15	SLOT SIZE (inches):	0.01	SURFACE SEAL:	-	Bentonite	
		Very Dense	>50	Very Stiff	15 - 30	SCREEN INTERVAL:	5'-15'	ROADBOX DESC.:	-	Native	
				Hard	>30	LENGTH OF RISER:	5			Sand	
										Grout	

NOTES:
1. Soils are visually classified in general accordance with the Modified Burmister Soil Classification System.
2. Sampled from interval below former trench and where elevated PID readings were observed

SOIL BORING/MONITORING WELL CONSTRUCTION LOG							DESIGNATION	VTX - SB - 6				
		PROJECT: Ozone Park					PROJECT NO.:		79111			
		LOCATION: 101-21 101st Street, Queens, New York					DRILLER:		Clean Globe			
		INSTALLATION DATES: 5/9/2021					INSPECTOR:		Amanda Turner			
							PAGE:		6 of 6			
SAMPLER		CASING		CORE		GROUNDWATER DEPTH MEASUREMENTS						
TYPE	Geoprobe	TYPE	Sleeve	BARREL TYPE	Steel	ELEVATION INFORMATION		DATE:	NA			
SIZE (ID)	2 IN	MATERIAL	PVC	SIZE (ID)	2	DATUM:	-		TIME:	NA		
HAMMER (LB.)	-	DIAMETER	2"	DIAMETER	2	TOC:	-		DEPTH (Ft):	NA		
FALL (IN.)	-	LENGTH	5'			GS:	-		ELEVATION (Ft):	-		
SAMPLE INFORMATION						SOIL DESCRIPTION					WELL CONST	PID (PPM)
DEPTH ELEVATION	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/El.)							Background/ Actual
0	0.0 - 5.0	hand auger				0.0 - 0.5: Concrete and sub-base						0.0
1												0.0
2												0.0
3												0.0
4				5/1.0								0.0
5	5.0 - 10.0	5/1.75										0.0
6												0.0
7												0.0
8												0.0
9												0.0
10	10.0 - 15.0	5/1.75										0.0
11												0.0
12												0.0
13												0.0
14								0.5 - 30.0: Brown medium grain sand with trace sub-angular rock, dry to moist and wet at approx 30'; no staining or odors				
15	15.0 - 20.0	5/2.5										0.0
16												0.0
17												0.0
18												0.0
19												0.0
20	20.0 - 25.0	5/1.75										0.0
21												0.0
22												0.0
23												0.0
24												0.0
25	25.0 - 30.0	5/3.0										0.0
26												0.0
27												0.0
28												0.0
29												0.0
						Boring terminated at 30.0 ft bgs Soil sample VTX-SB-6 collected at 13:50 hrs from 23.5 - 24.0 ft bgs Temporary monitoring well installed; depth to water 24.74 ft bgs GW sample VTX-TW-6 collected at 14:08 hrs						0.0
MODIFIER	SAND AND GRAVEL		SILT AND CLAY		LOCATION:	Near NW corner of property				WELL CONSTRUCTION		
1 - 10%	Trace	Density	Blows (N)	Consistency	Blows (N)	MONITORING WELL CONSTRUCTION DATA						Screen
10 - 20%	Little	Very loose	0 - 4	Very soft	<2	DEPTH:	15	DEPTH/TYPE PACK:	-			Riser
20 - 35%	Some	Loose	4 - 10	Soft	2 - 4	DIAMETER (inches):	1.0	DEPTH/TYPE SEAL:	-			Concrete
35 - 50%	And	Medium Dense	10 - 30	Medium Stiff	4 - 8	MATERIAL:	PVC	BACKFILL MATERIAL:	-			Bentonite
		Dense	30 - 50	Stiff	8 - 15	SLOT SIZE (inches):	0.01	SURFACE SEAL:	-			Native
		Very Dense	>50	Very Stiff	15 - 30	SCREEN INTERVAL:	5'-15'	ROADBOX DESC.:	-			Sand
				Hard	>30	LENGTH OF RISER:	5					Grout

NOTES:
1. Soils are visually classified in general accordance with the Modified Burmister Soil Classification System.
2. Sampled from interval above groundwater interface

APPENDIX B:

LABORATORY ANALYTICAL REPORTS – SOIL AND GROUNDWATER

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpineol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water


EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.


EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>1</u> of <u>2</u>	Date Rec'd In Lab <u>5/11/22</u>	ALPHA Job # <u>L2204545</u>				
		Project Information Project Name: <u>Ozone Park</u> Project Location: <u>101-21 101st St, Queens, NY</u> Project # <u>79111</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO#			
Client Information Client: <u>VENTIX</u> Address: <u>3522 Mt 22 W Suite 907</u> <u>Brooklyn, NJ 08210</u> Phone: Fax: Email: <u>mkuvas@ventixeng.com</u>		Project Manager: <u>Madelyn Yulev</u> ALPHAQuote #: Turn-Around Time Standard <input type="checkbox"/> Due Date: Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: <u>4 Days</u>		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:			
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.			ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)				
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	NOCs	SVOCs	Sample Specific Comments	Total Bottle
		Date	Time						
<u>24545</u>	<u>VTX-SB-1 (30.0-30.5)</u>	<u>5/19/2022</u>	<u>11:37</u>	<u>S</u>	<u>AT</u>	<u>X</u>	<u>X</u>		<u>5</u>
	<u>VTX-SB-2 (26.0-26.5)</u>	<u>5/19/2022</u>	<u>10:34</u>	<u>S</u>	<u>AT</u>	<u>X</u>	<u>X</u>		<u>4</u>
	<u>VTX-SB-3 (10.0-10.5)</u>	<u>5/18/2022</u>	<u>11:10</u>	<u>S</u>	<u>AT</u>	<u>X</u>	<u>X</u>		<u>4</u>
	<u>VTX-SB-4 (3.5-4.0)</u>	<u>5/10/2022</u>	<u>09:27</u>	<u>S</u>	<u>AT</u>	<u>X</u>	<u>X</u>	<u>on hold</u>	<u>5</u>
	<u>VTX-SB-5 (8.0-8.5)</u>	<u>5/10/2022</u>	<u>12:34</u>	<u>S</u>	<u>AT</u>	<u>X</u>	<u>X</u>		<u>5</u>
	<u>VTX-SB-6 (23.5-24.0)</u>	<u>5/19/2022</u>	<u>13:50</u>	<u>S</u>	<u>AT</u>	<u>X</u>	<u>X</u>		<u>4</u>
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type <u>E A</u> Preservative <u>N N</u>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By: <u>Amelia Tume</u> <u>M. M. M. (Signature)</u> <u>Michelle (Signature)</u> <u>J. C. (Signature)</u>		Date/Time <u>5/10/22 13:30</u> <u>5/10/22 14:58</u> <u>5/10/22</u> <u>5/10/22 09:00</u>		Received By: <u>M. M. M. (Signature)</u> <u>Michelle (Signature)</u> <u>J. C. (Signature)</u> <u>Wendy (Signature)</u>		Date/Time <u>5/10/22 13:30</u> <u>5/10/22 14:58</u> <u>5/10/22</u> <u>5/11/22 09:00</u>			

 NEW YORK CHAIN OF CUSTODY	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page <u>2</u>	Date Rec'd in Lab <u>5/11/22</u>	ALPHA Job # <u>L2224548</u>			
		of <u>2</u>					
Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02948 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	Billing Information		
Client Information Client: <u>VERTIX</u> Address: <u>3322 Mt W. Sub 957</u> <u>Branchburg NJ 08876</u> Phone: Fax: Email: <u>mx.wias@vertixem.com</u>		Project Name: <u>101-21 101st St, Queens NY</u> Project Location: <u>101-21 101st St, Queens NY</u> Project # <u>79111</u> (Use Project name as Project #) <input type="checkbox"/> Project Manager: <u>Madhyn Kolds</u> ALPHAQuote #: Turn-Around Time Standard <input type="checkbox"/> Due Date: Rush (only if pre approved) <input checked="" type="checkbox"/> # of Days: <u>4-DAYS</u>		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Same as Client Info PO #		
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: Please specify Metals or TAL.		Regulatory Requirement		Disposal Site Information			
		<input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other			
		ANALYSIS		Sample Filtration			
				<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)			
				Sample Specific Comments			
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	T D I A B O I L E	
		Date	Time				
<u>24545</u>	<u>7 VTX-TW-1</u>	<u>5/9/22</u>	<u>12:14</u>	<u>GW</u>	<u>AT</u>	<u>5</u>	
	<u>8 VTX-TW-2</u>	<u>5/9/22</u>	<u>11:06</u>	<u>GW</u>	<u>AT</u>	<u>3</u>	
	<u>9 VTX-TW-3</u>	<u>5/10/22</u>	<u>11:43</u>	<u>GW</u>	<u>AT</u>	<u>3</u>	
	<u>10 VTX-TW-4</u>	<u>5/10/22</u>	<u>10:32</u>	<u>GW</u>	<u>AT</u>	<u>5</u>	
	<u>11 VTX-TW-5</u>	<u>5/10/22</u>	<u>12:51</u>	<u>GW</u>	<u>AT</u>	<u>5</u>	
	<u>12 VTX-TW-6</u>	<u>5/9/22</u>	<u>14:08</u>	<u>GW</u>	<u>AT</u>	<u>3</u>	
	<u>13 VTX-SV-2</u>	<u>5/9/22</u>	<u>14:55</u>	<u>GW</u>	<u>AT</u>	<u>3</u>	
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube D = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type <u>VA</u> Preservative <u>BN</u>	
Relinquished By: <u>Amanda Turner</u> <u>M. S. [unclear]</u> <u>[unclear]</u>		Date/Time <u>5/11/22 13:30</u> <u>5/10/22 15:30</u> <u>5/10/22</u>		Received By: <u>[unclear]</u> <u>[unclear]</u> <u>[unclear]</u>		Date/Time <u>5/10/22 13:30</u> <u>5/10/22 15:30</u> <u>5/11/22 02:00</u>	
Form No: 01-25 HC (rev. 30-Sept-2013)		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		Relinquished By: <u>[unclear]</u> Date/Time: <u>5/11/22 02:00</u>	

APPENDIX C:

Sub-Slab Soil Gas and Indoor Air

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625/625.1: alpha-Terpeneol

EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpeneol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LCHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Verlox
 Address: 3322 US 22, Suite 907
Bruxubus, NJ
 Phone:
 Fax:
 Email: Mkulus@verlox-pas.com

Project Information

Project Name:
 Project Location: Quasas, NY
 Project #: 79111
 Project Manager: Madalyn Kulus
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
 Date Due: 4-day
 Time:

Date Rec'd in Lab: 5/11/22

ALPHA Job #: L2224547

Report Information - Data Deliverables

FAX
 ADEx
 Criteria Checker:
 (Default based on Regulatory Criteria Indicated)
 Other Formats:
 EMAIL (standard pdf report)
 Additional Deliverables:
 Report to: (if different than Project Manager):

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Res / Comm

MSD014

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS			Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs	
24547-01	VTX-SG1	5/9/22	1030	1228	-30.61	-6.60	SV	EG	6	1988	01914	X			
	02		1054	1258	-30.39	-8.61				2882	02170	X			
	03		1145	1341	-30.27	-7.40				2943	02107	X			
	04		1233	1450	-30.17	-8.40				2004	02142	X			
	05		1249	1451	-30.26	-6.22				904	01527	X			

***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

CS

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.

Relinquished By:

Date/Time

Received By:

Date/Time:

Madalyn Kulus 5/10/22 13:46
5/10/22 14:50
5/10/22

Madalyn Kulus
5/10/22 13:42
5/11/22 09:05
5/11/22 04:00

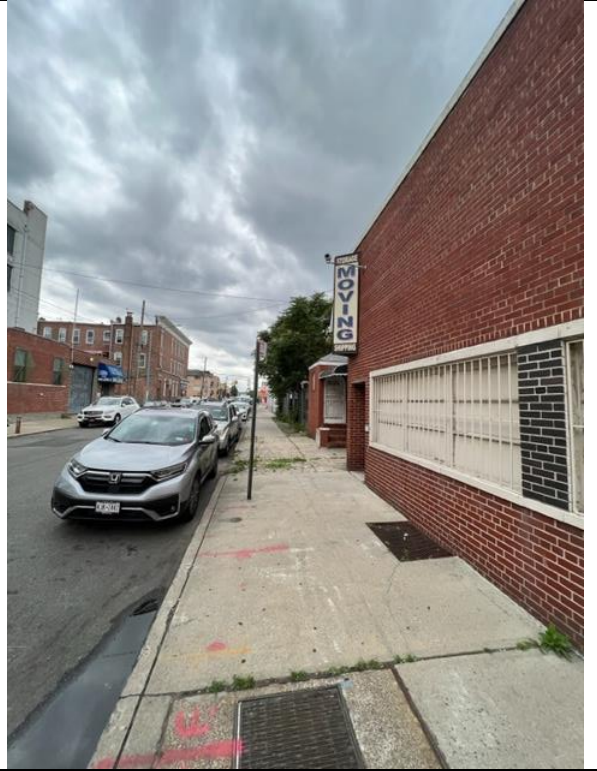
Appendix F
Photographs

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



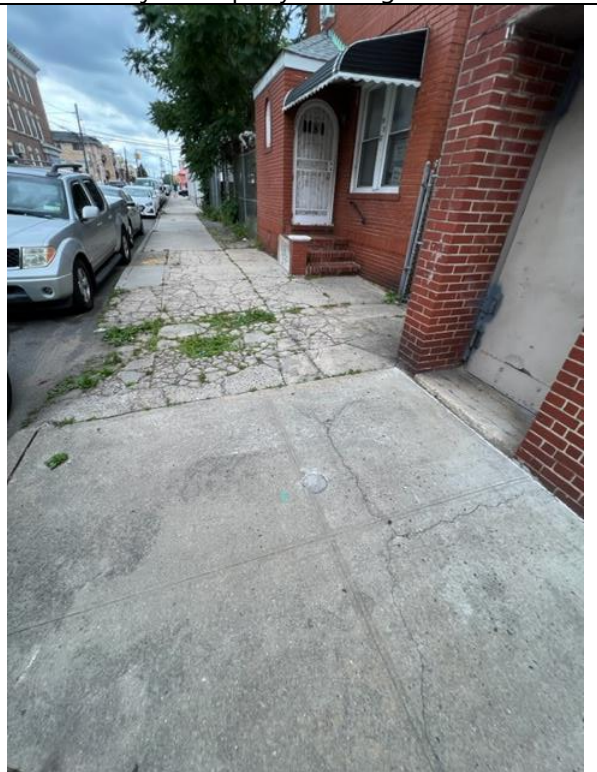
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Subject Property Building Exterior



Subject Property Building Exterior



Subject Property Building Exterior

Phase I ESA Photos

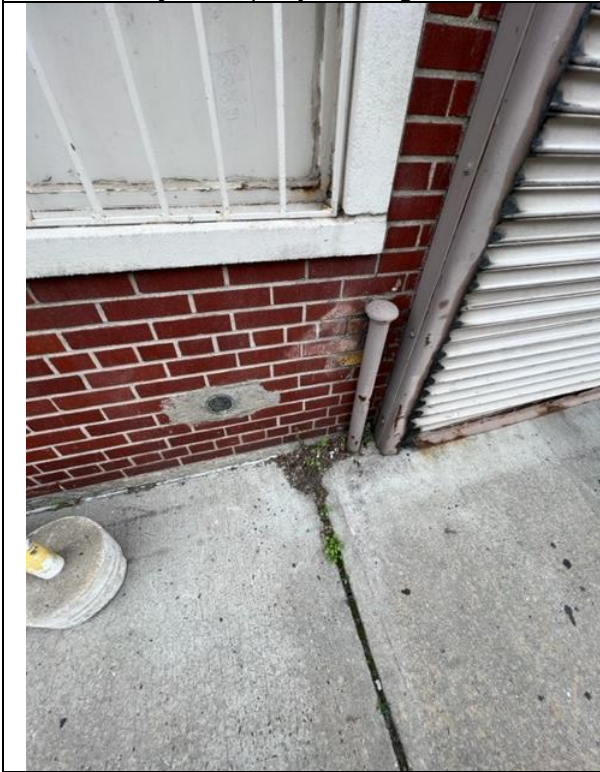
101-21 101st Street, Queens, NY 11416



Subject Property Building Exterior



Subject Property Building Exterior

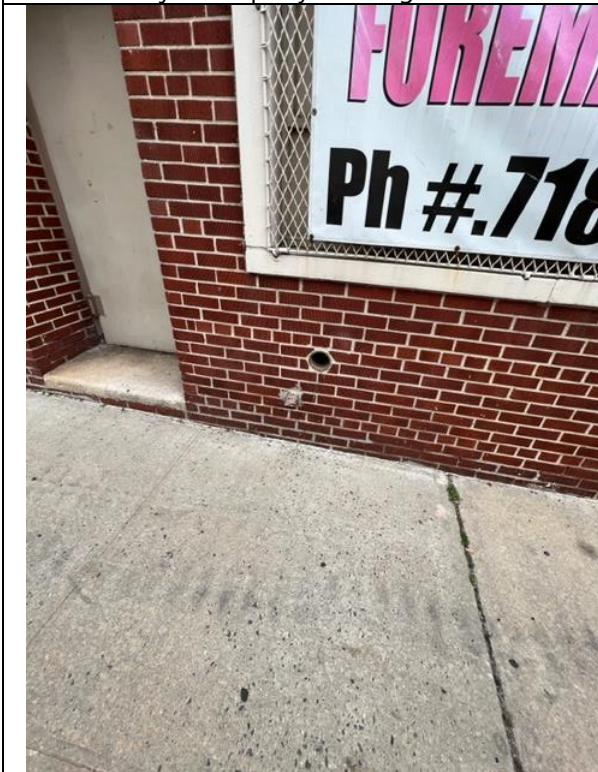


Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



Subject Property Building Exterior



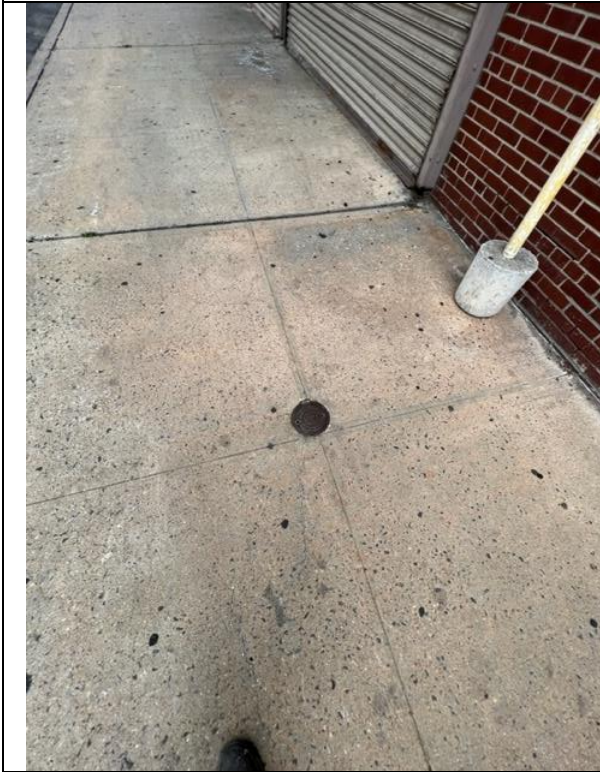
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Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



Subject Property Building Exterior



Subject Property Building Exterior

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



Subject Property Building Exterior



Subject Property Building Exterior



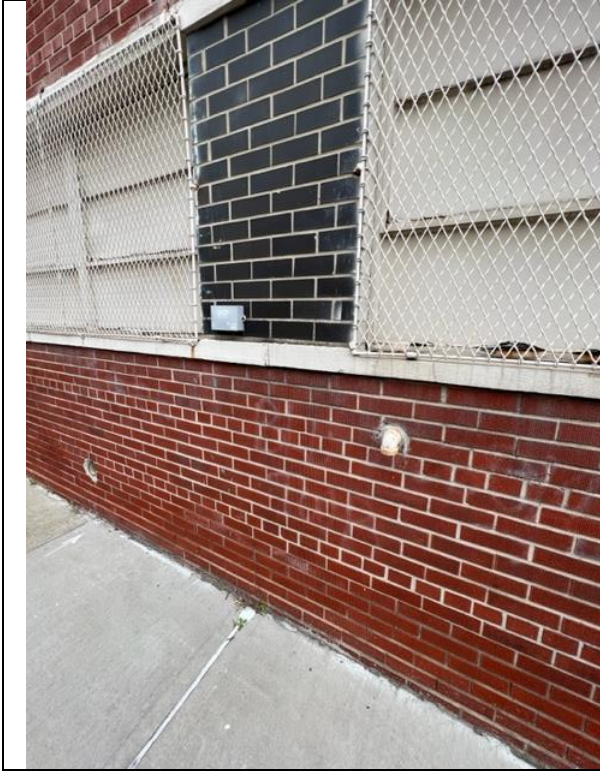
Subject Property Exterior



Subject Property Building Exterior

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



Subject Property Building Exterior



Subject Property Parking Lot and Adjacent Property to the South



Subject Property Exterior



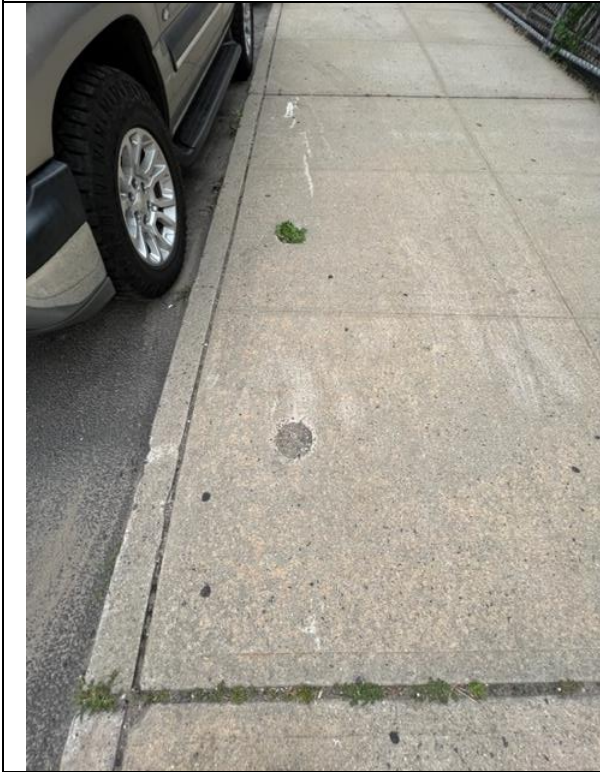
Subject Property Exterior

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



Subject Property Building Exterior



Phase I ESA Photos

101-21 101st Street, Queens, NY 11416

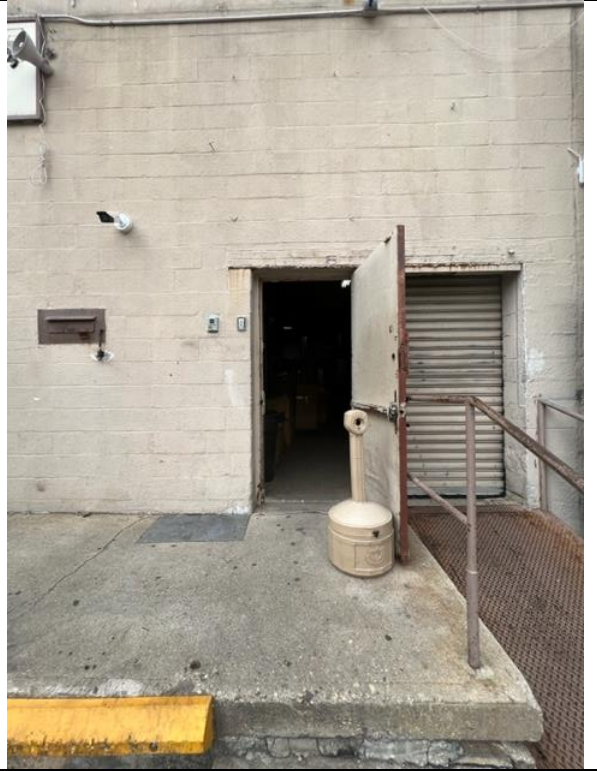


Subject Property Parking Lot and Adjacent Property to the South

Subject Property Parking Lot

Phase I ESA Photos

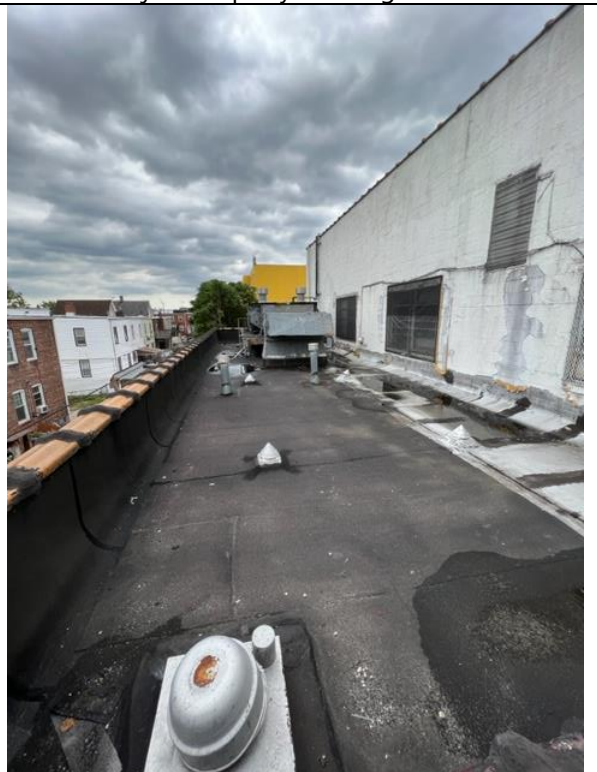
101-21 101st Street, Queens, NY 11416



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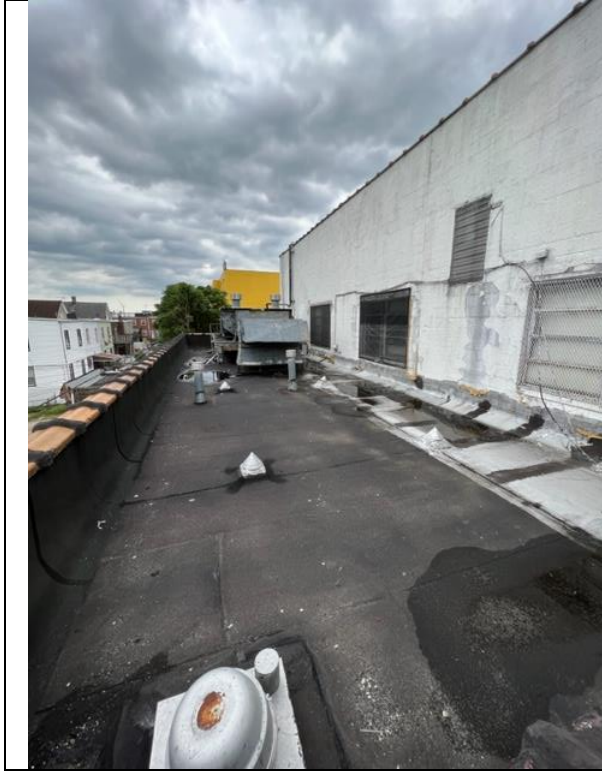


Subject Property Building Exterior



Subject Property Roof

Phase I ESA Photos
101-21 101st Street, Queens, NY 11416



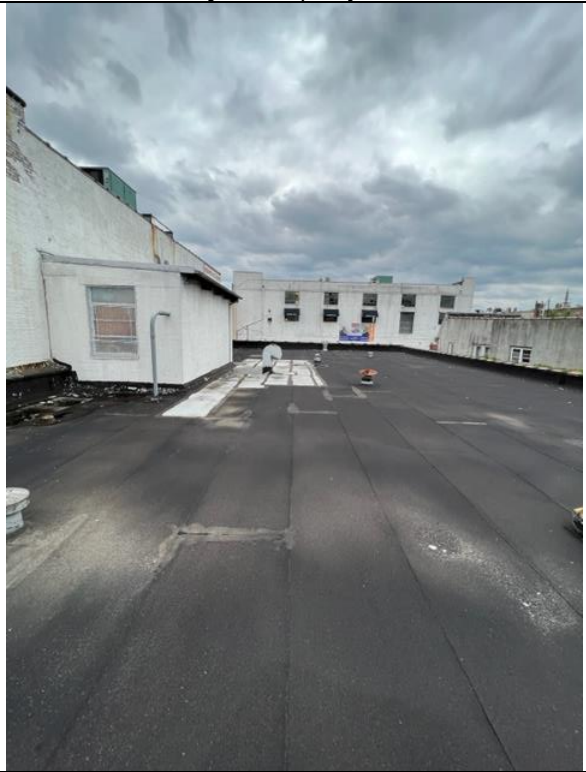
Subject Property Roof



Subject Property Roof



Subject Property Roof



Subject Property Roof

Phase I ESA Photos

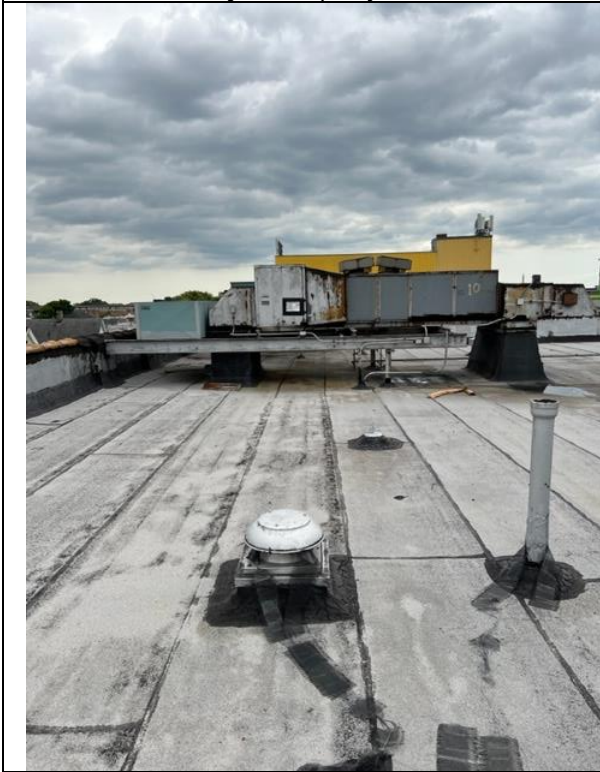
101-21 101st Street, Queens, NY 11416



Subject Property Roof



Subject Property Roof



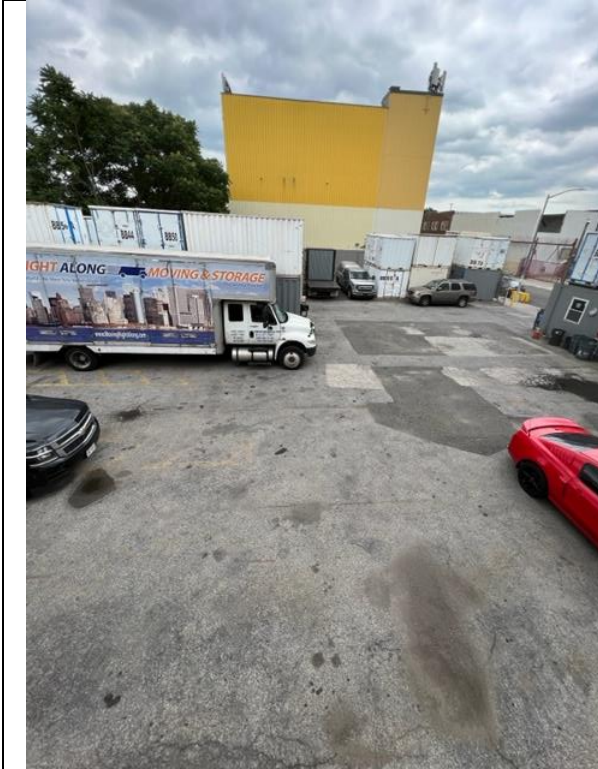
Subject Property Roof



Subject Property Roof

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



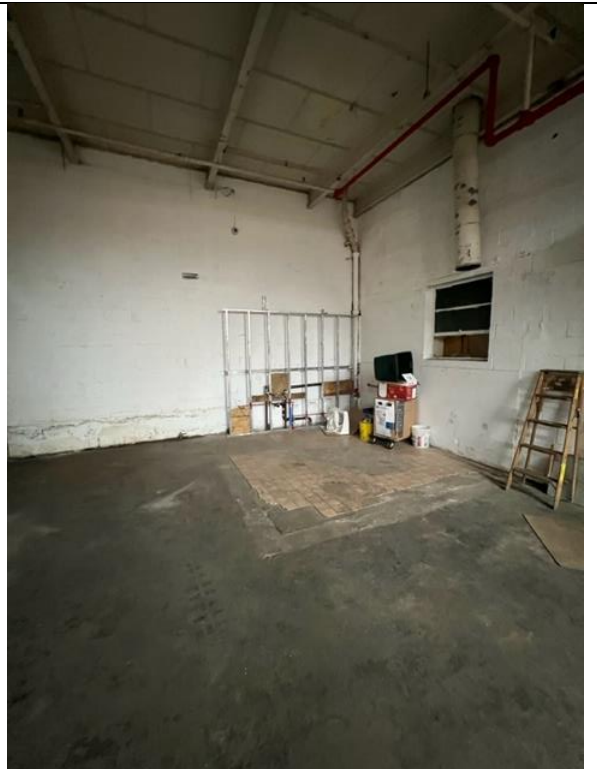
View of Subject Property Parking Lot and Adjacent Property to the South from the Roof



View of Subject Property Parking Lot from the Roof

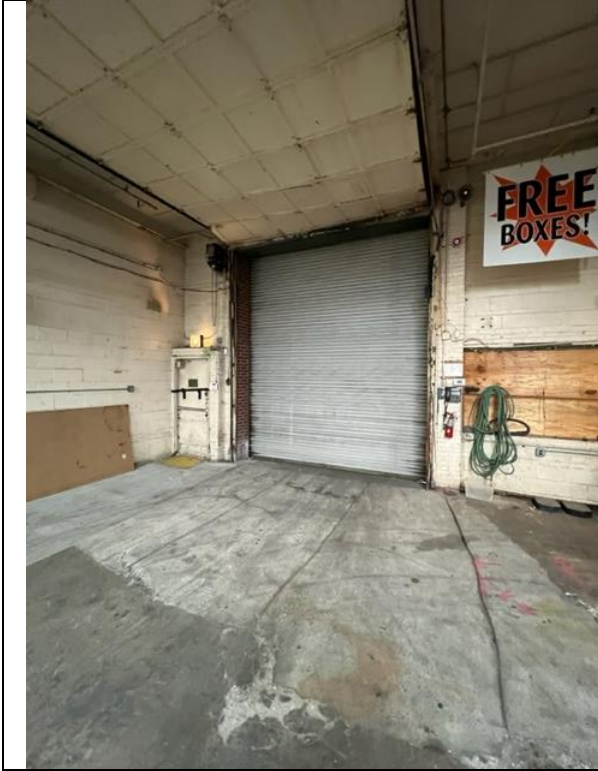


Subject Property Building Interior



Subject Property Building Interior

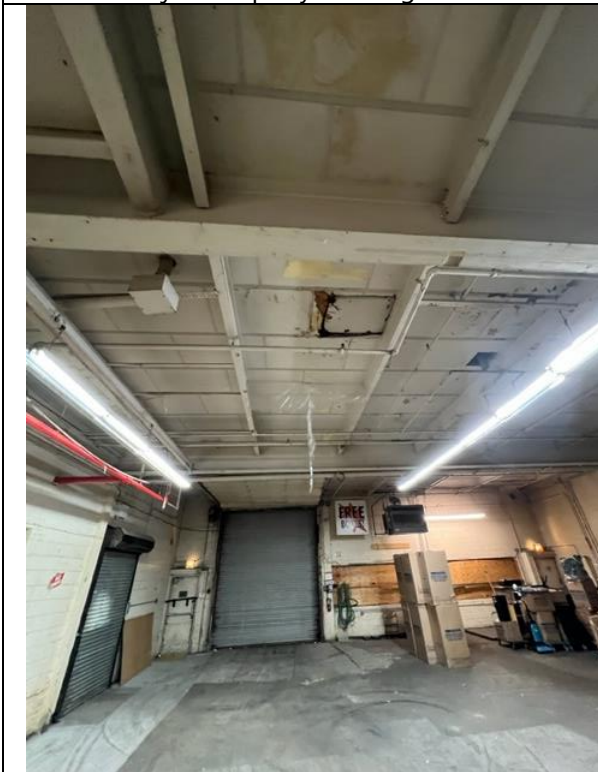
Phase I ESA Photos
101-21 101st Street, Queens, NY 11416



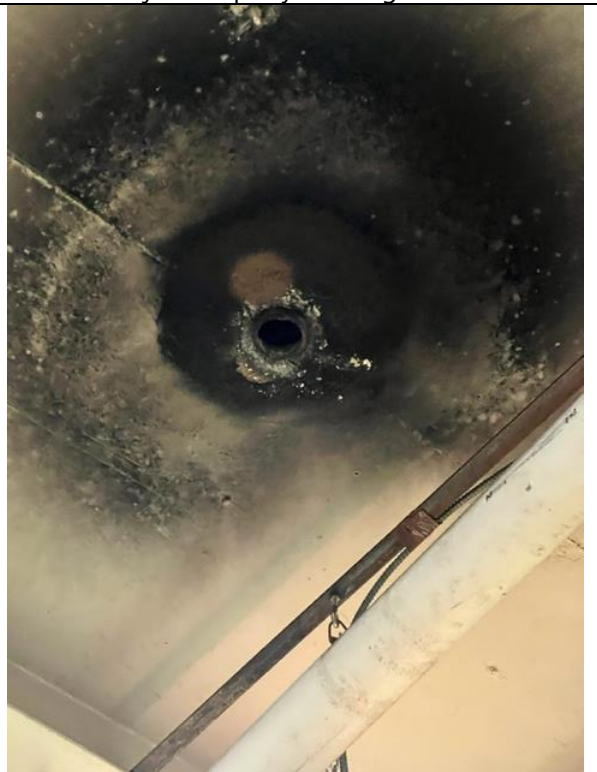
Subject Property Building Interior



Subject Property Building Interior



Subject Property Building Interior



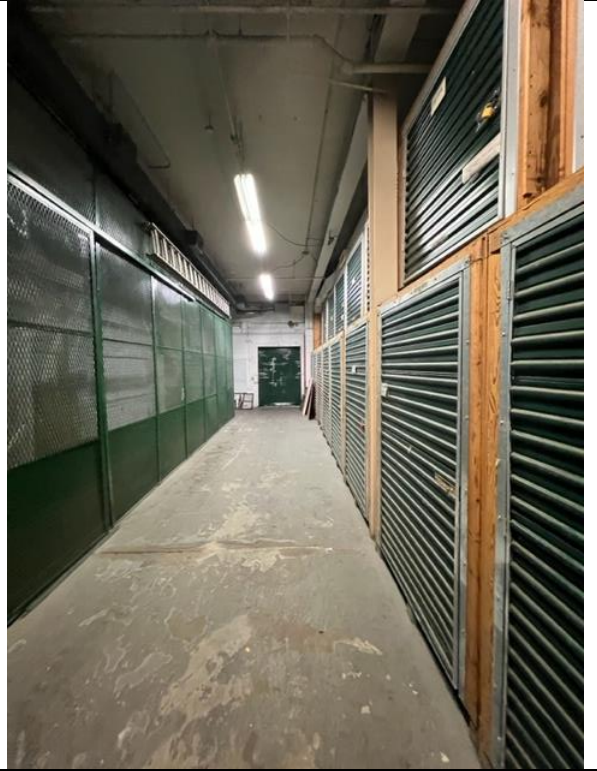
Discoloration on Subject Property Building Ceiling

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



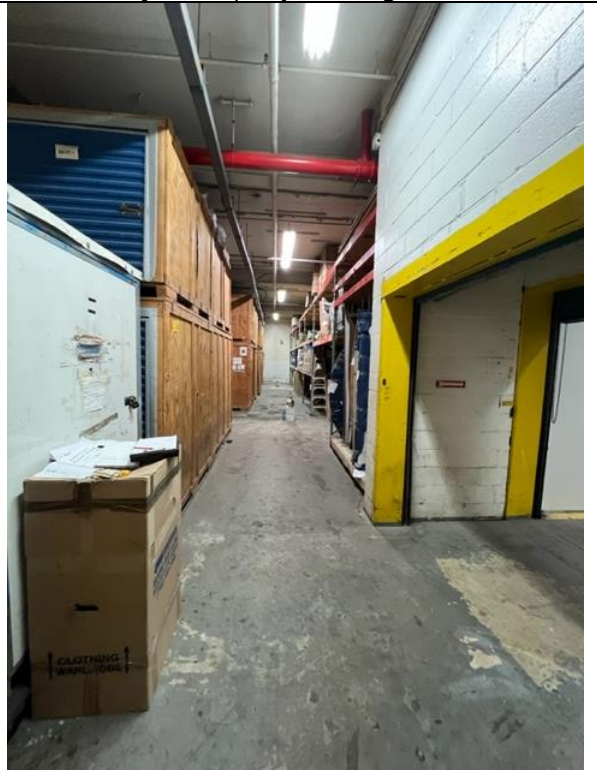
Subject Property Building Interior



Subject Property Building Interior



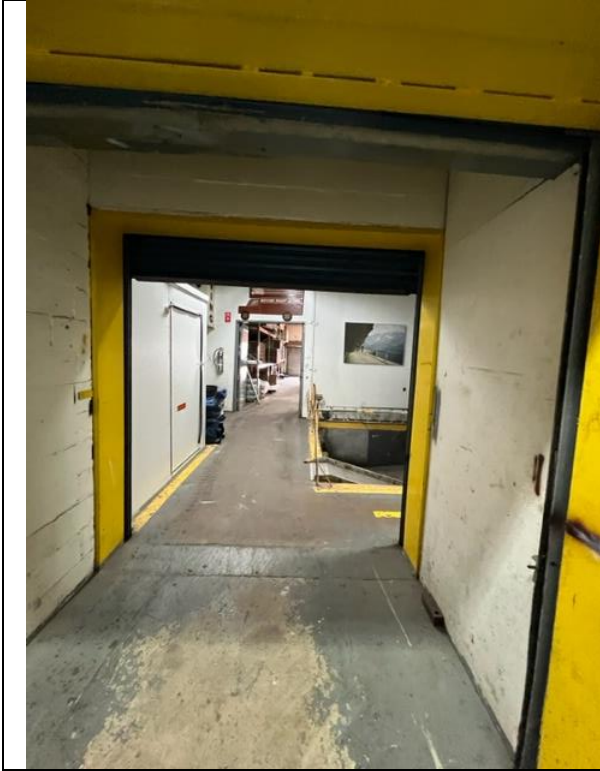
Subject Property Building Interior



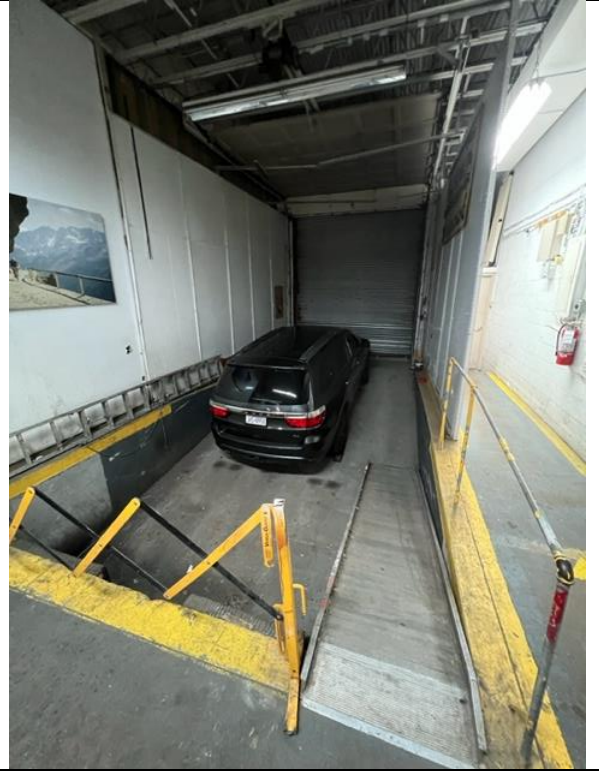
Subject Property Building Interior

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



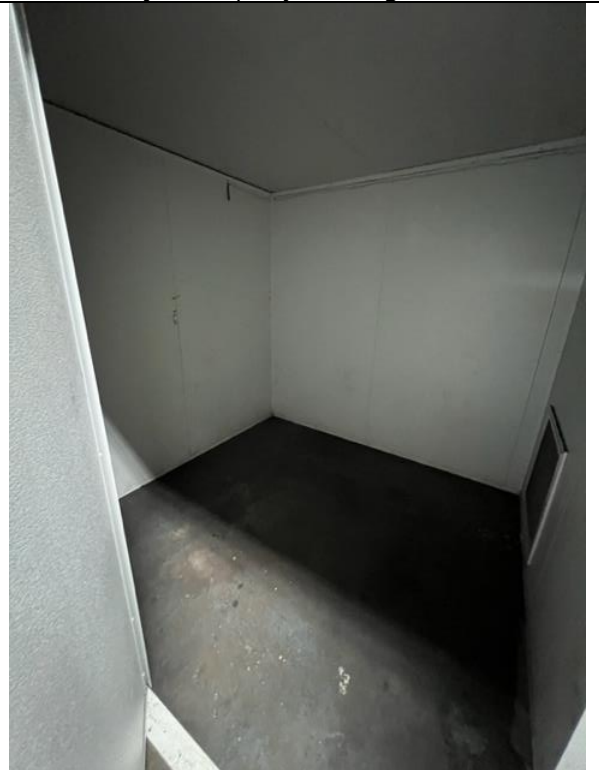
Subject Property Building Interior



Subject Property Building Interior



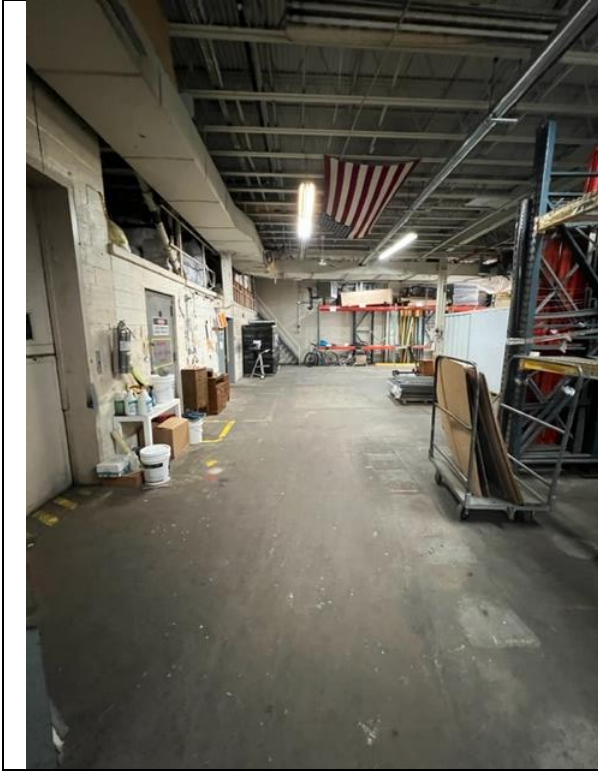
Subject Property Building Interior



Subject Property Building Interior

Phase I ESA Photos

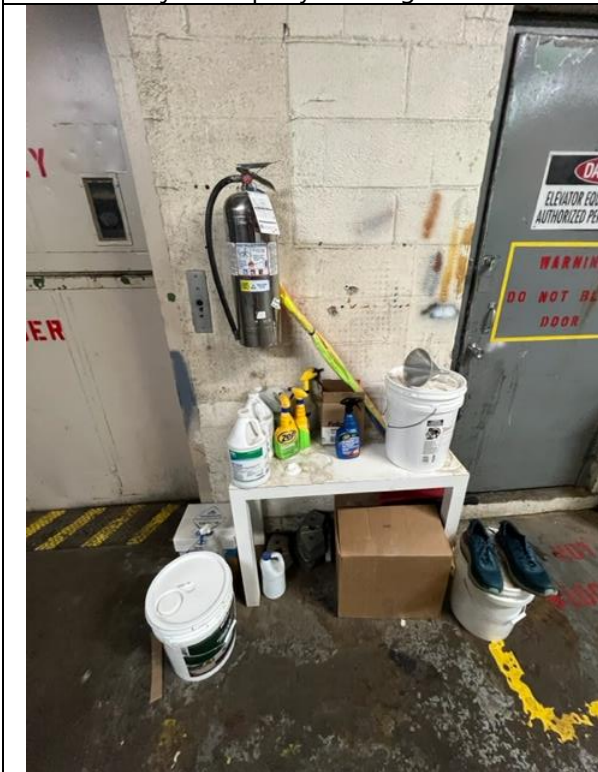
101-21 101st Street, Queens, NY 11416



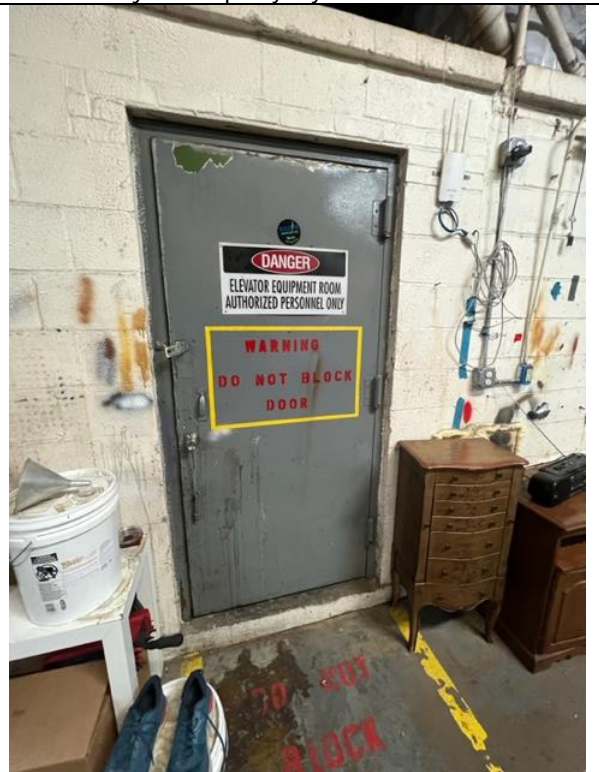
Subject Property Building Interior



Subject Property Hydraulic Elevator



Subject Property Hydraulic Elevator, Elevator Room, and Maintenance Materials



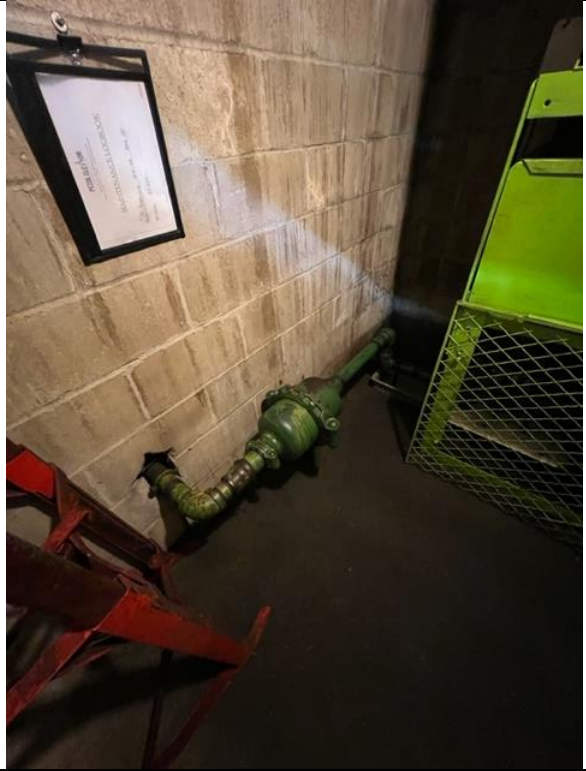
Subject Property Hydraulic Elevator Room

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



Drum of Hydraulic Oil In Subject Property Elevator Equipment Room



Subject Property Elevator Equipment Room



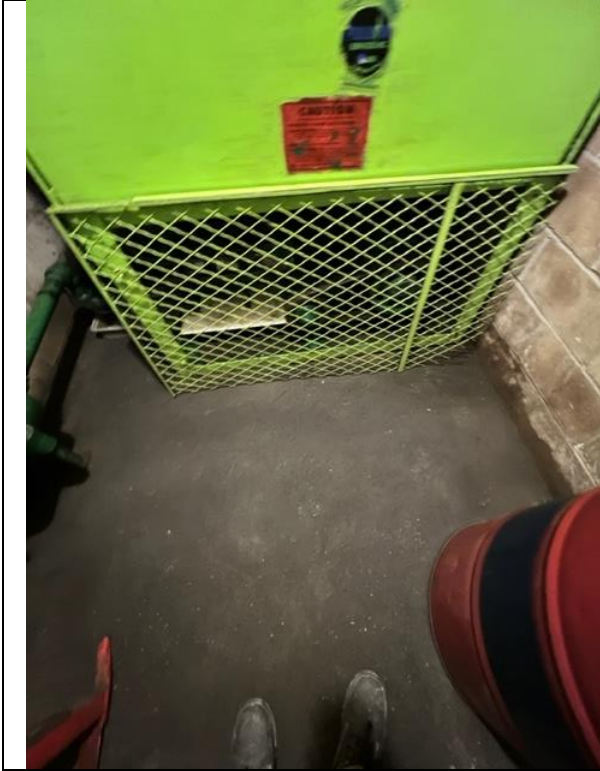
Spill Tray in Subject Property Elevator Equipment Room



Subject Property Elevator Equipment Room

Phase I ESA Photos

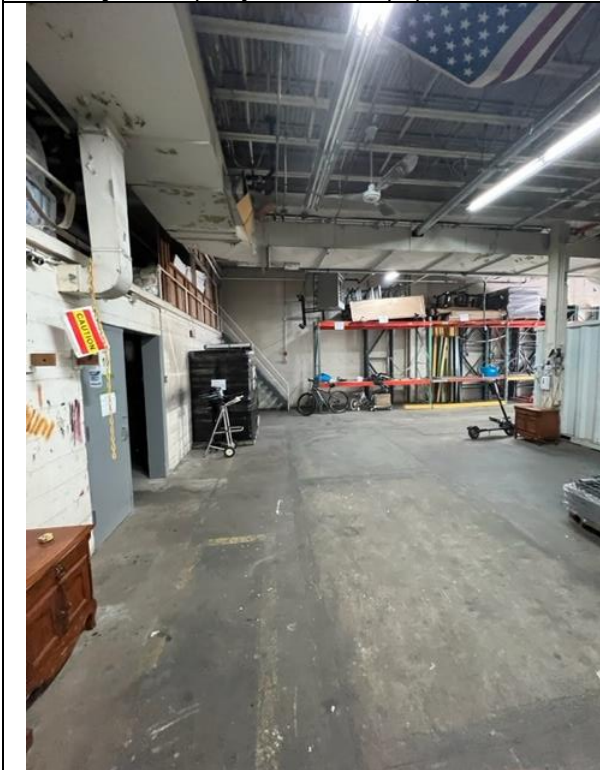
101-21 101st Street, Queens, NY 11416



Subject Property Elevator Equipment Room



Subject Property Elevator Equipment Room



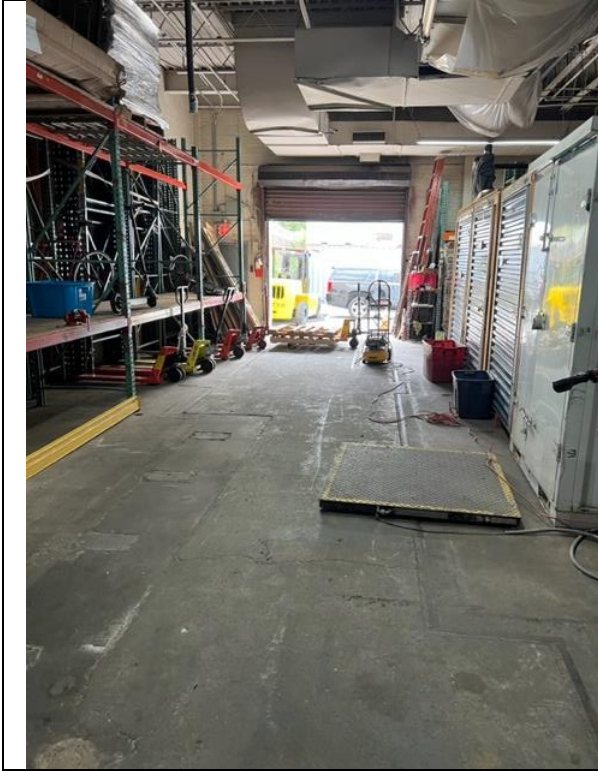
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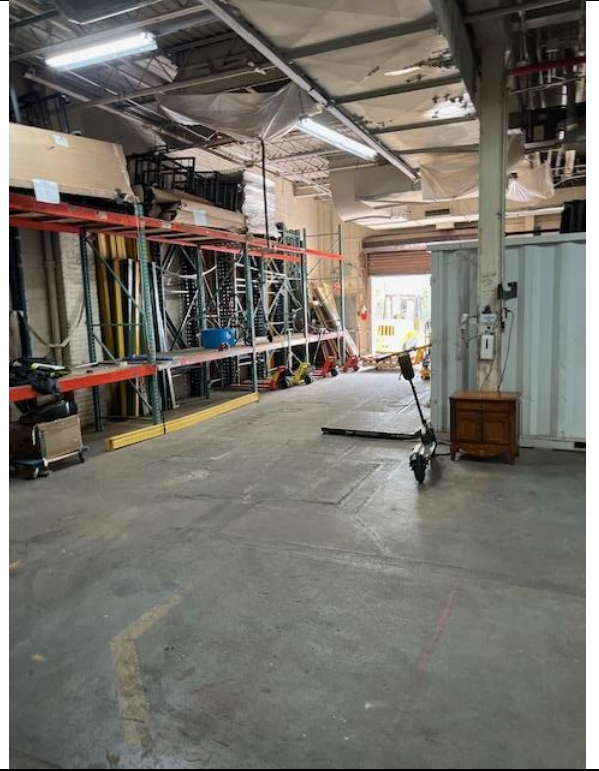
Subject Property Building Interior

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



Subject Property Building Interior



Subject Property Building Interior

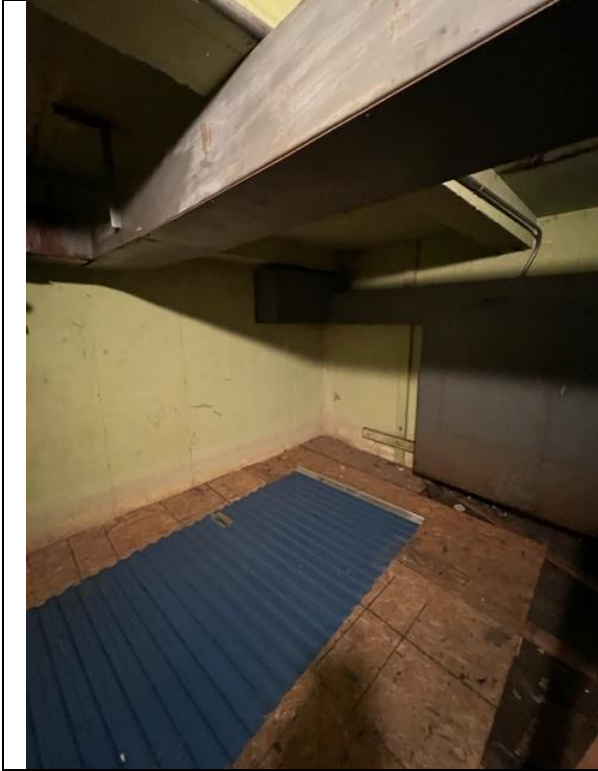


Subject Property Building Interior

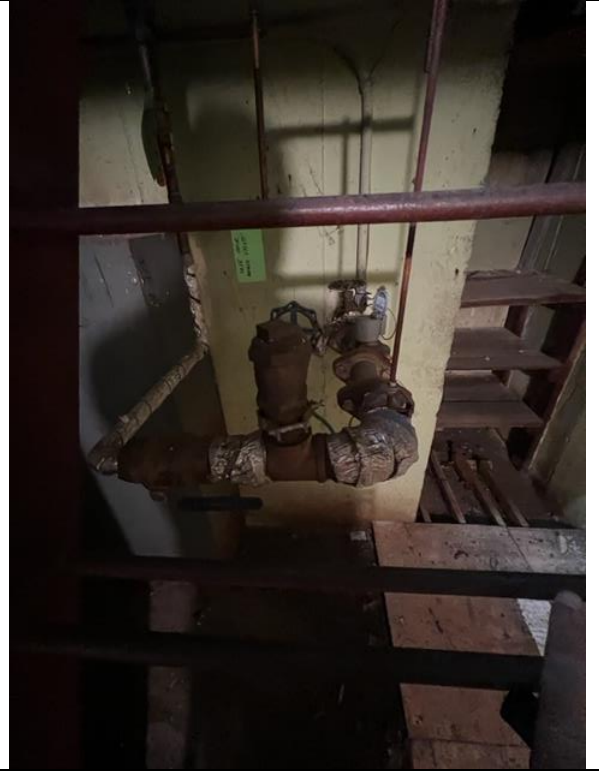


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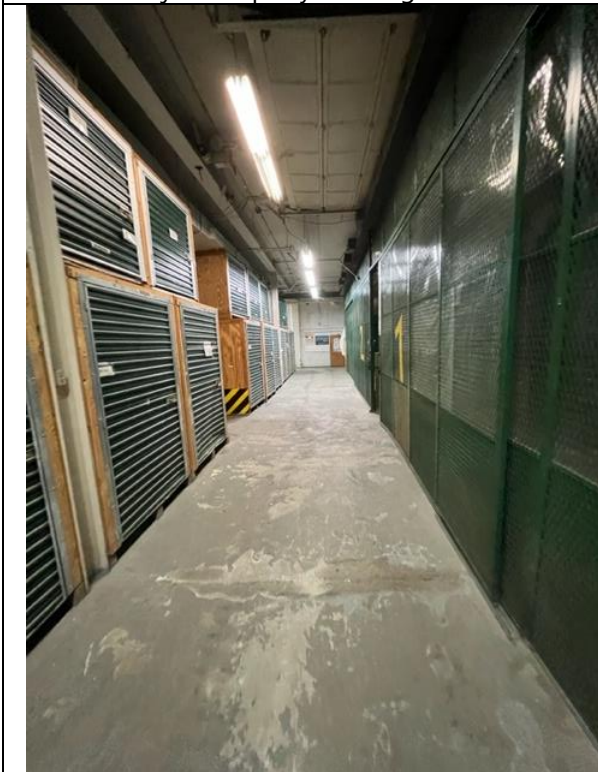
Phase I ESA Photos
101-21 101st Street, Queens, NY 11416



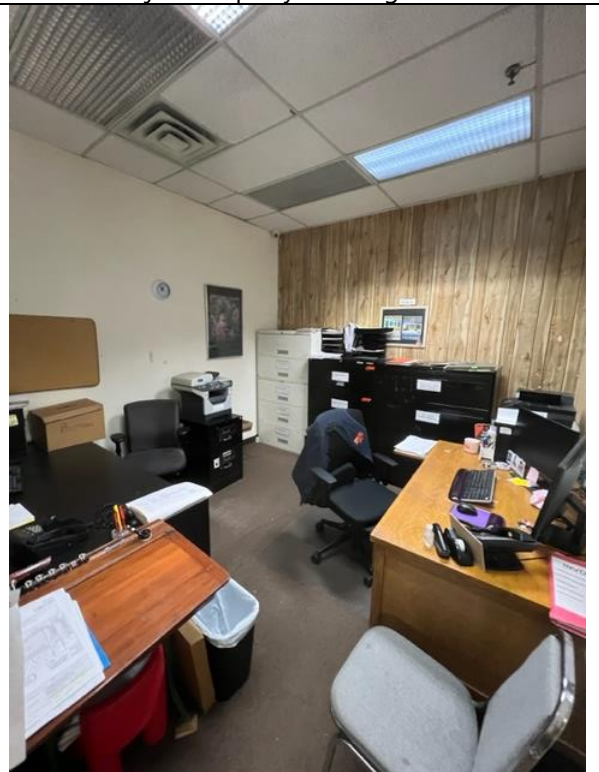
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Subject Property Building Interior



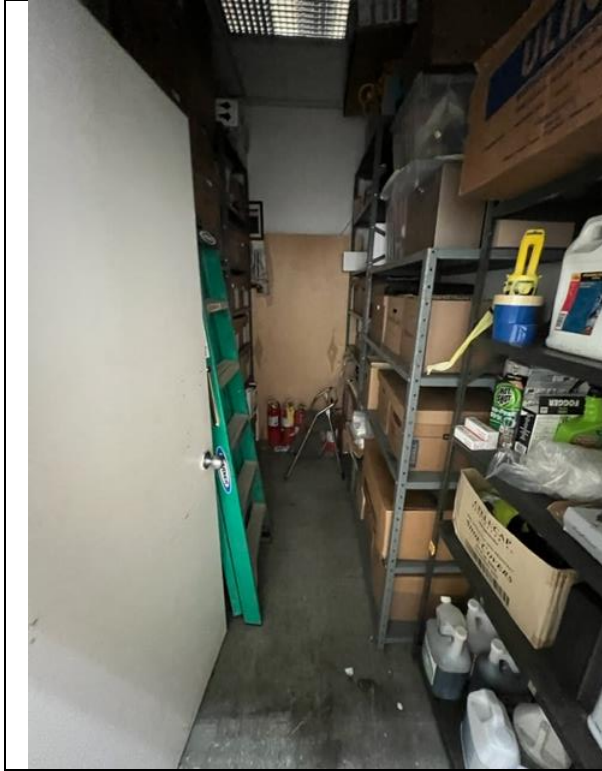
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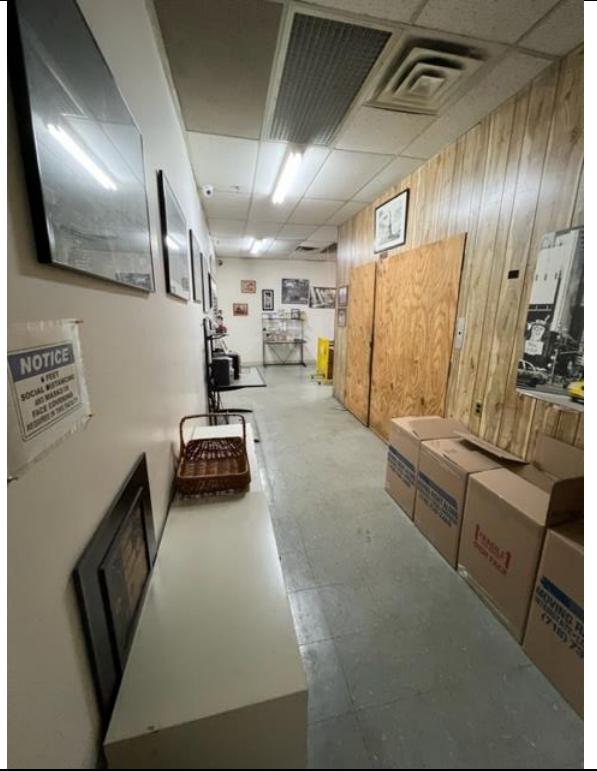
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Phase I ESA Photos

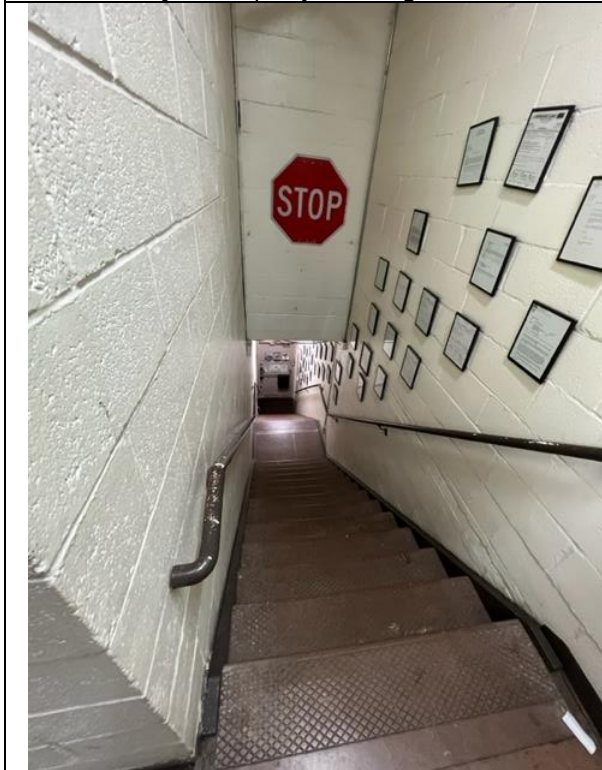
101-21 101st Street, Queens, NY 11416



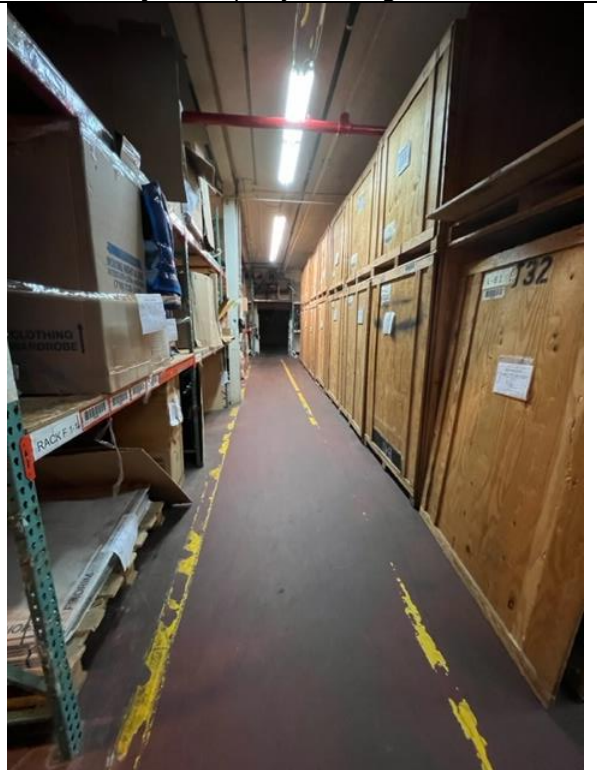
Subject Property Building Interior



Subject Property Building Interior



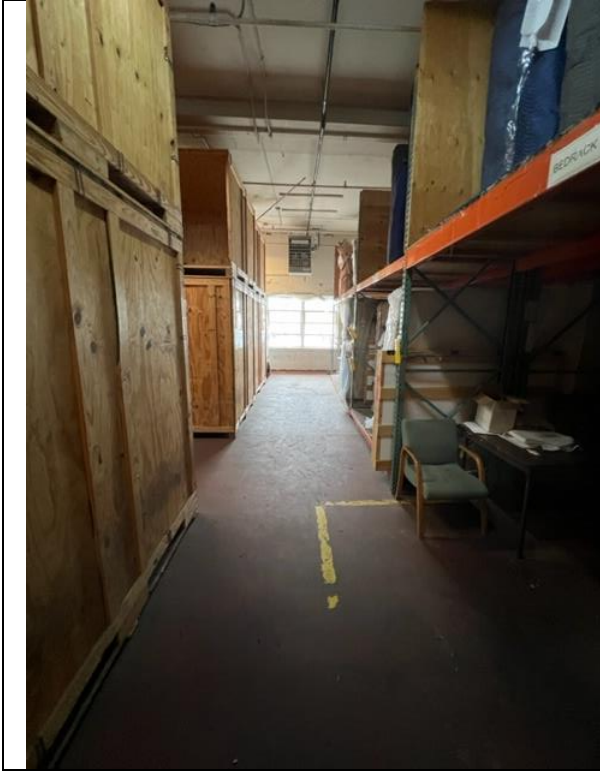
Subject Property Building Interior



Subject Property Building Interior

Phase I ESA Photos

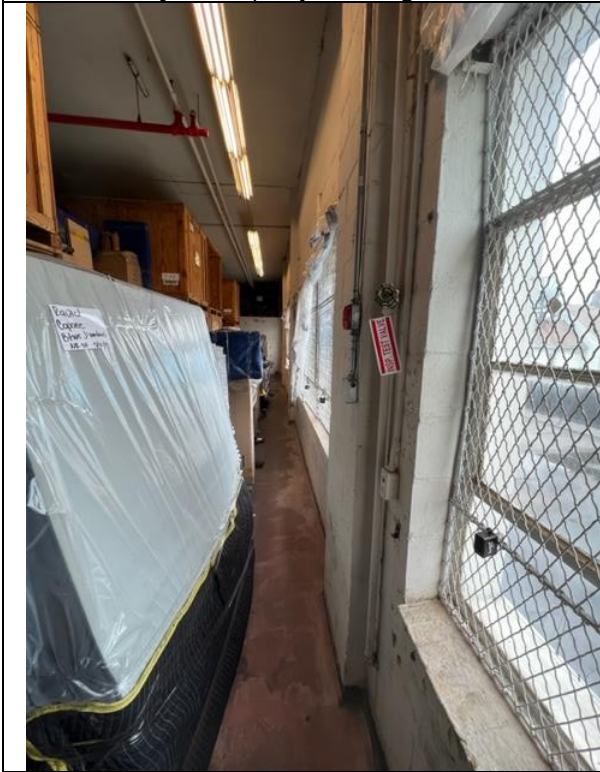
101-21 101st Street, Queens, NY 11416



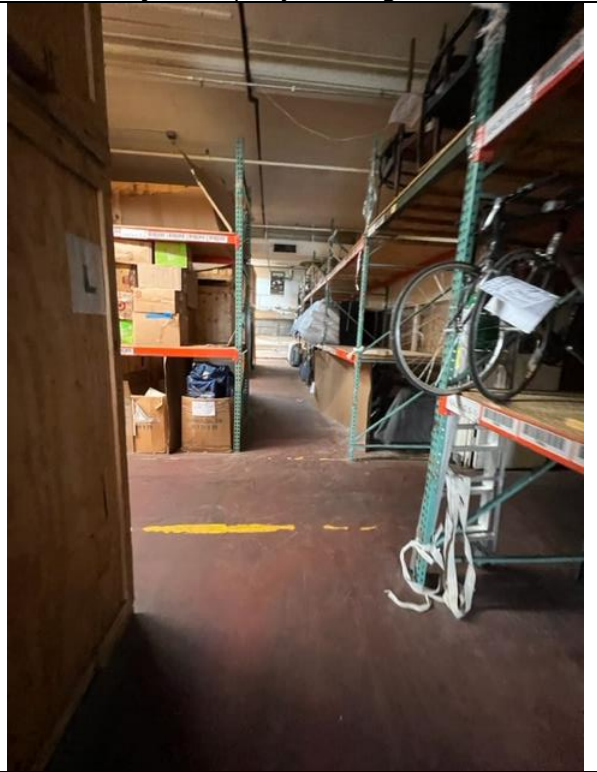
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Subject Property Building Interior

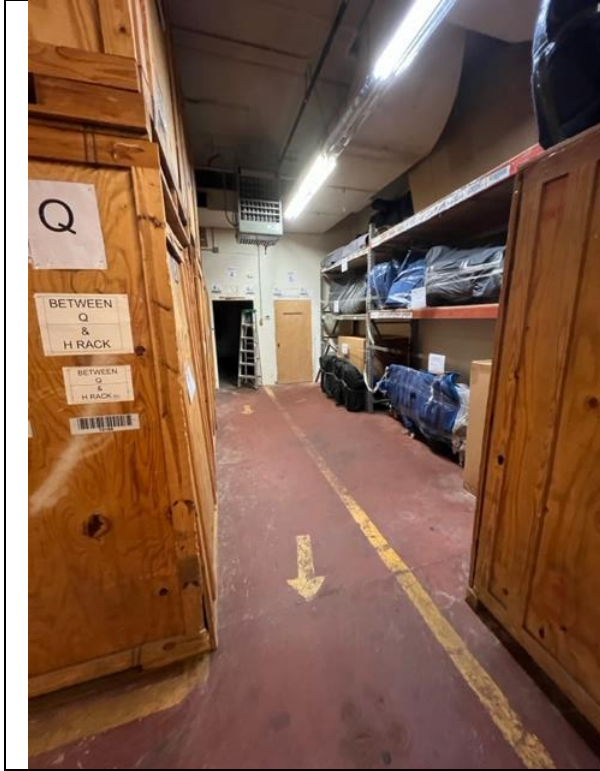


Subject Property Building Interior



Subject Property Building Interior

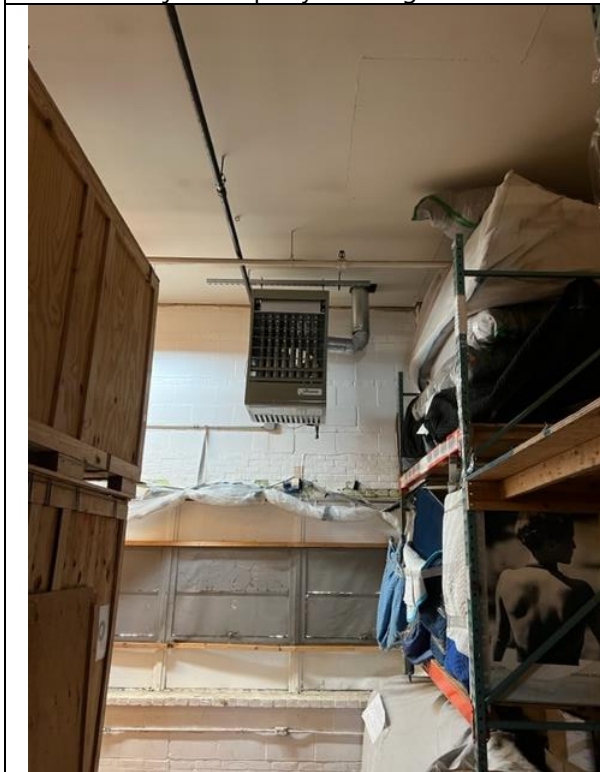
Phase I ESA Photos
101-21 101st Street, Queens, NY 11416



Subject Property Building Interior



Subject Property Building Interior



Subject Property Building Interior



Subject Property Building Interior

Phase I ESA Photos

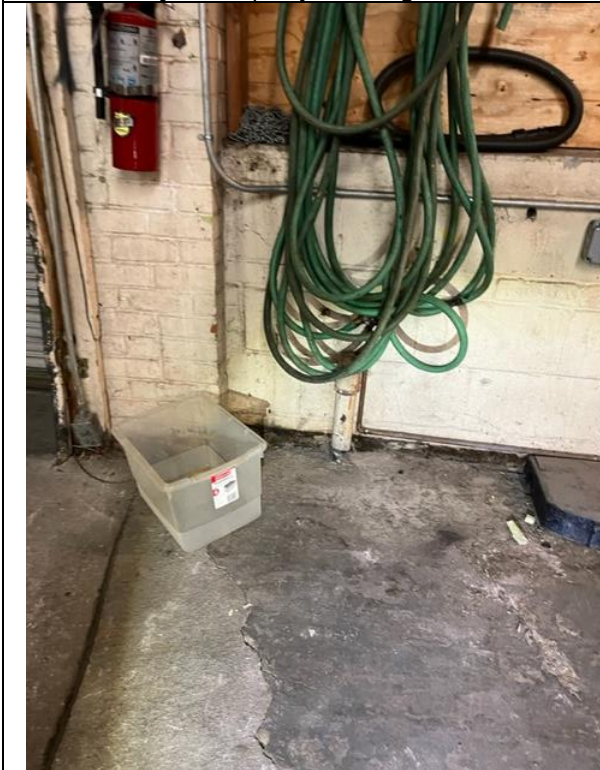
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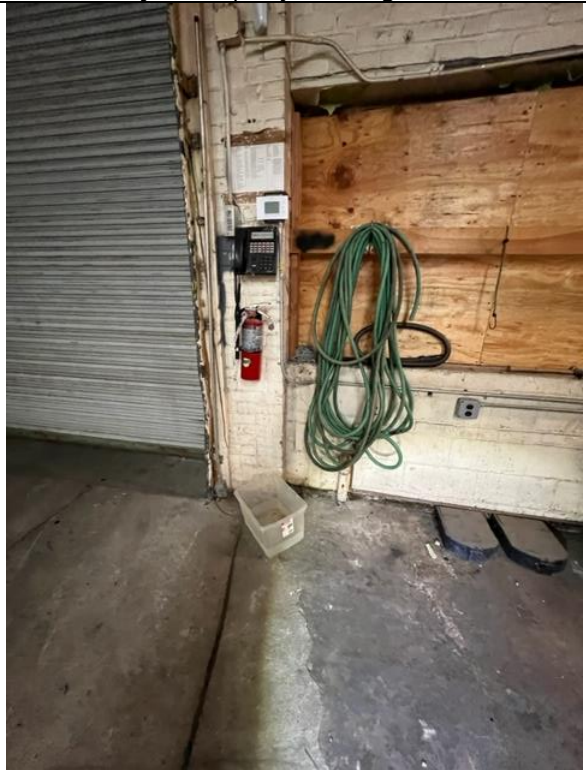
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Subject Property Building Interior



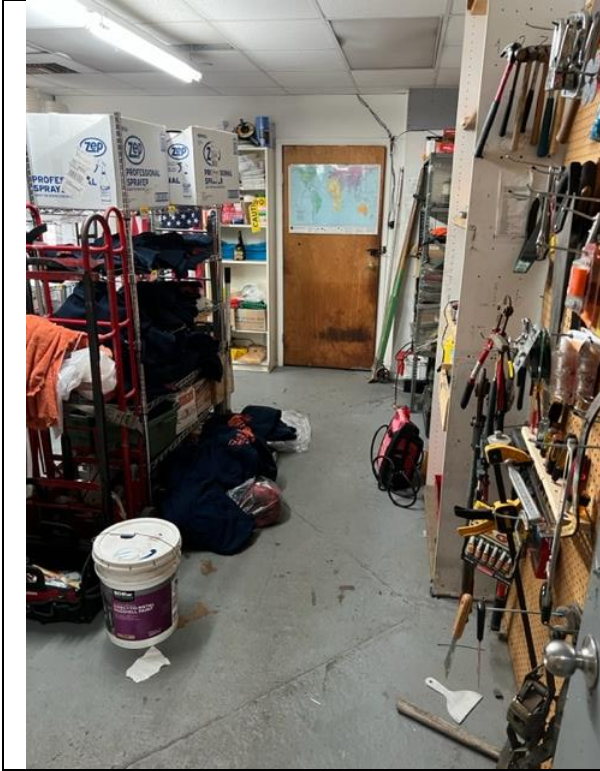
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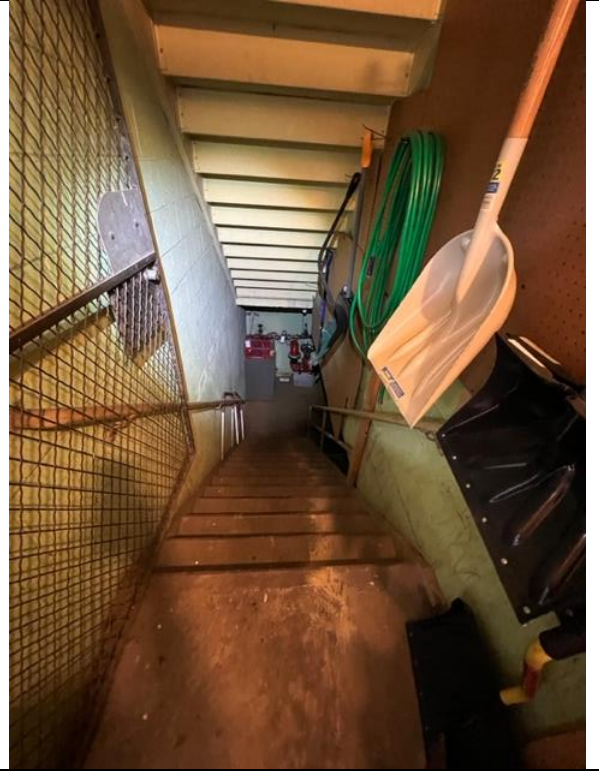
Subject Property Building Interior

Phase I ESA Photos

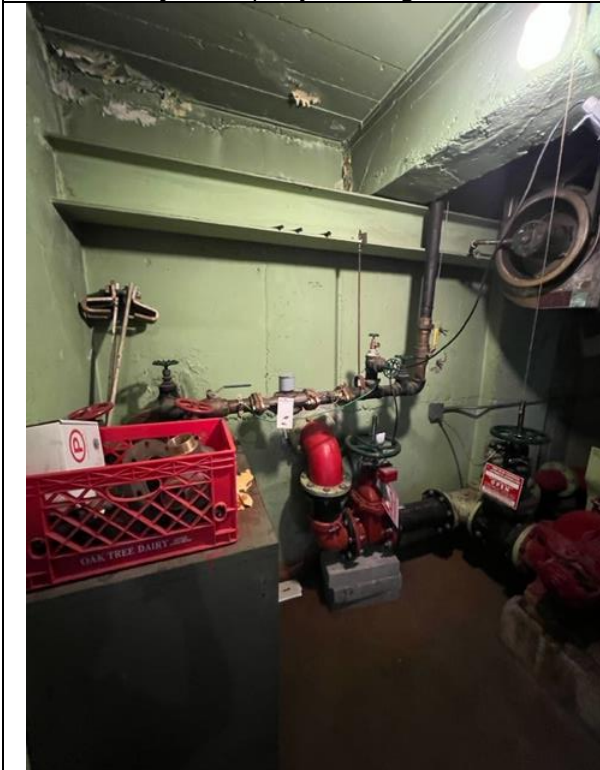
101-21 101st Street, Queens, NY 11416



Subject Property Building Interior



Subject Property Building Interior



Subject Property Building Interior



Subject Property Building Interior

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



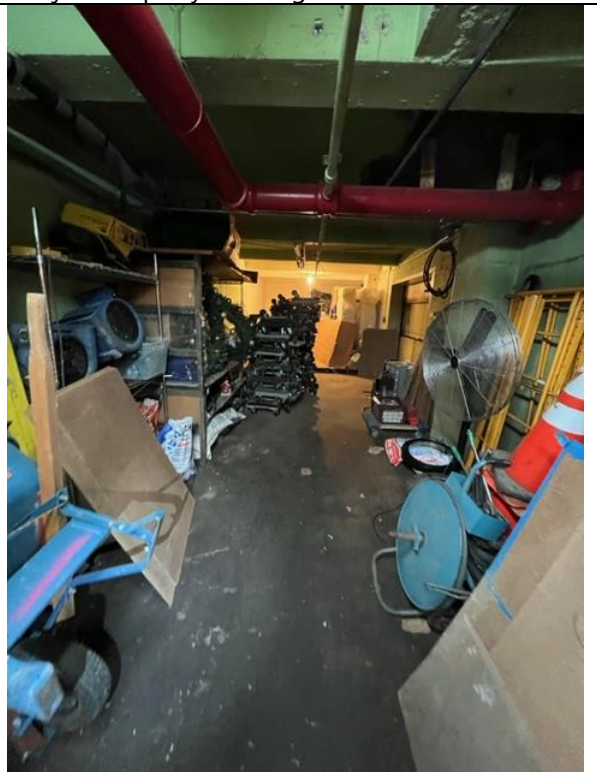
Subject Property Building Interior



Subject Property Building Maintenance Materials

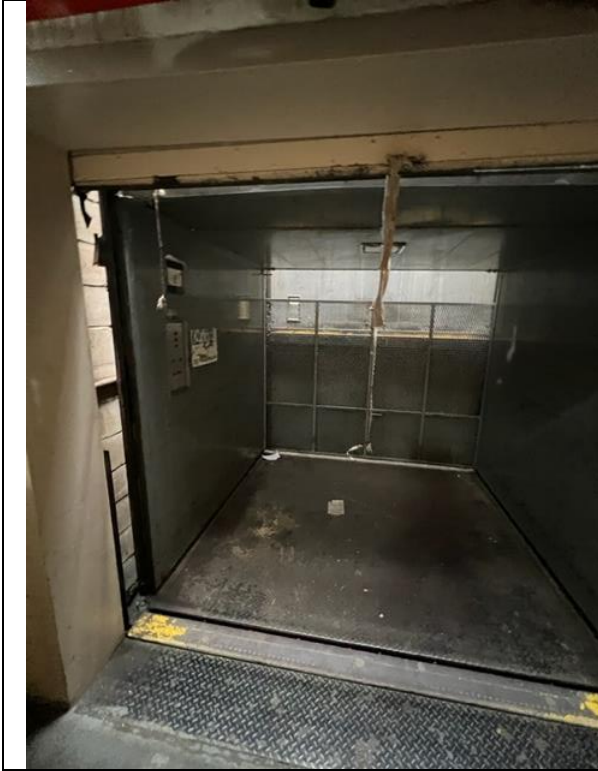


Subject Property Building Maintenance Materials

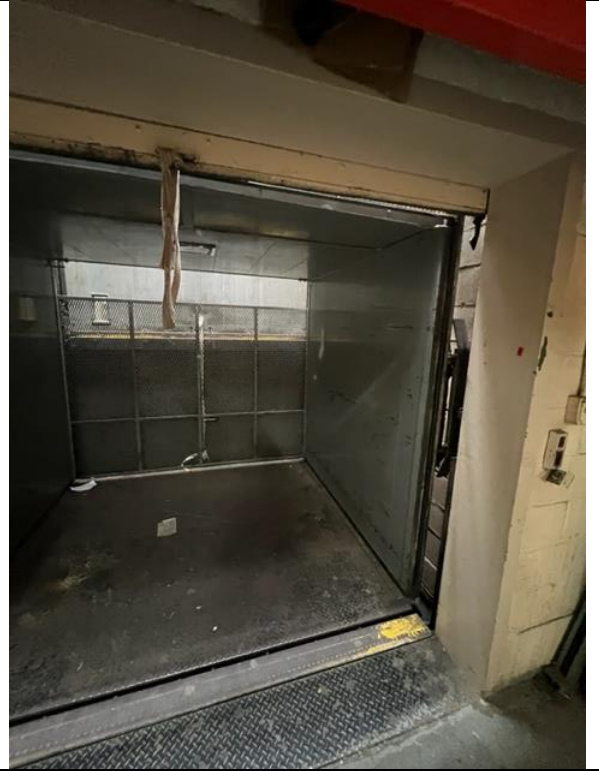


Subject Property Building Interior

Phase I ESA Photos
 101-21 101st Street, Queens, NY 11416



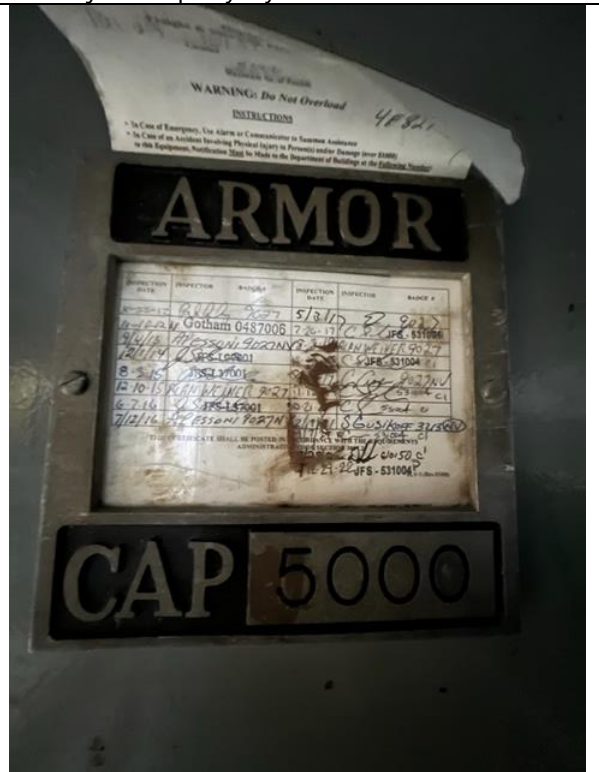
Subject Property Hydraulic Elevator Interior



Subject Property Hydraulic Elevator Interior



Subject Property Hydraulic Elevator Certificate



Subject Property Hydraulic Elevator Certificate

WARNING: Do Not Overload

INSTRUCTIONS

48821

* In Case of Emergencies, Use Alarm or Communicator to Summon Assistance
 * In Case of an Accident Involving Physical Injury or Personal and/or Damage (over \$1000) to the Equipment, Notification Must be Made to the Department of Buildings at the Following Number:

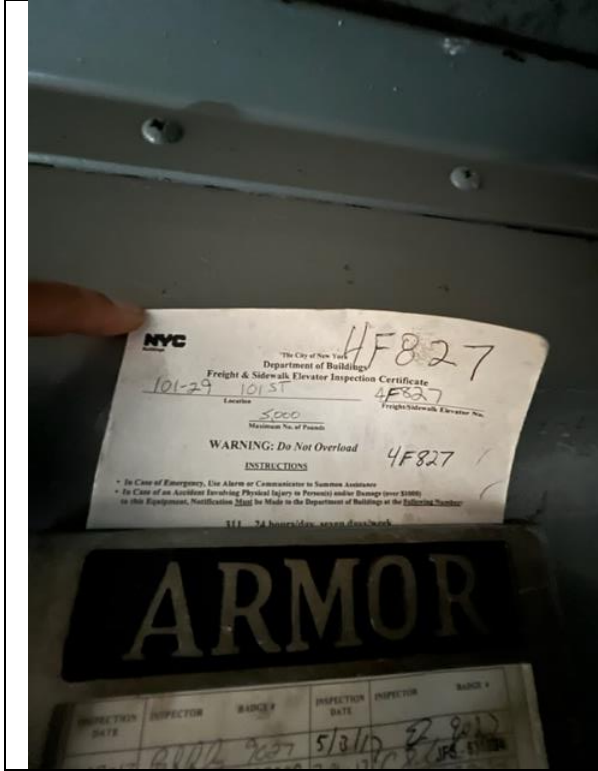
INSPECTION DATE	INSPECTOR	RAISED BY	INSPECTION DATE	DISPOSITIVE	BLADE #
8/22/16	William Kelly	5/3/15	8/22/16		
8/22/16	W. Gotham	0487006	7/20/17	C	JPE-531006
9/14/16	Josephine Hernandez	4/14/16	9/14/16		
10/11/16	JPE-531001				
8/2/16	JPE-531001				
10/10/16	KATHLEEN R. RYAN				
6/7/16	JPE-531001				
7/12/16	JOSEPH RYAN				

THIS CERTIFICATE SHALL BE POSTED IN A PROMINENT LOCATION IN THE ELEVATOR CAR AND MUST BE RE-POSTED IMMEDIATELY UPON ANY REPAIRS TO THE ELEVATOR CAR OR TO THE EQUIPMENT.

JPE-531006

Phase I ESA Photos

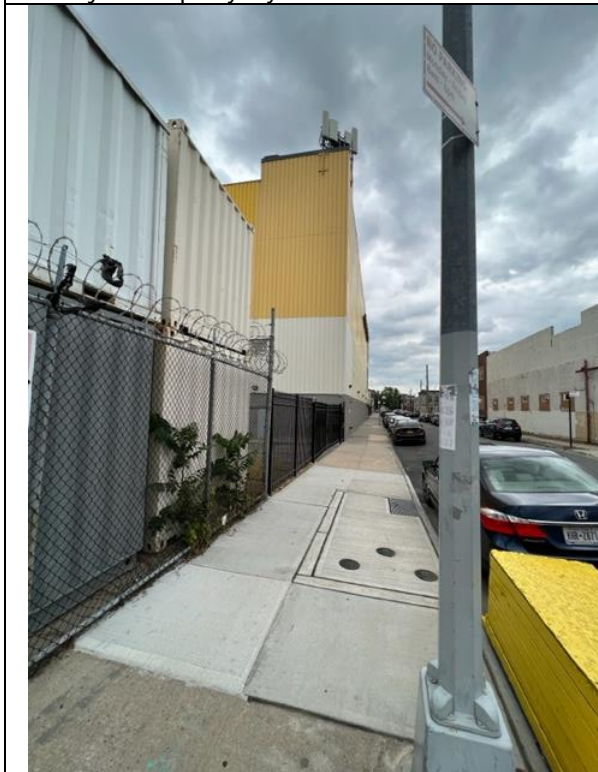
101-21 101st Street, Queens, NY 11416



Subject Property Hydraulic Elevator Certificate



Adjacent Property to the South



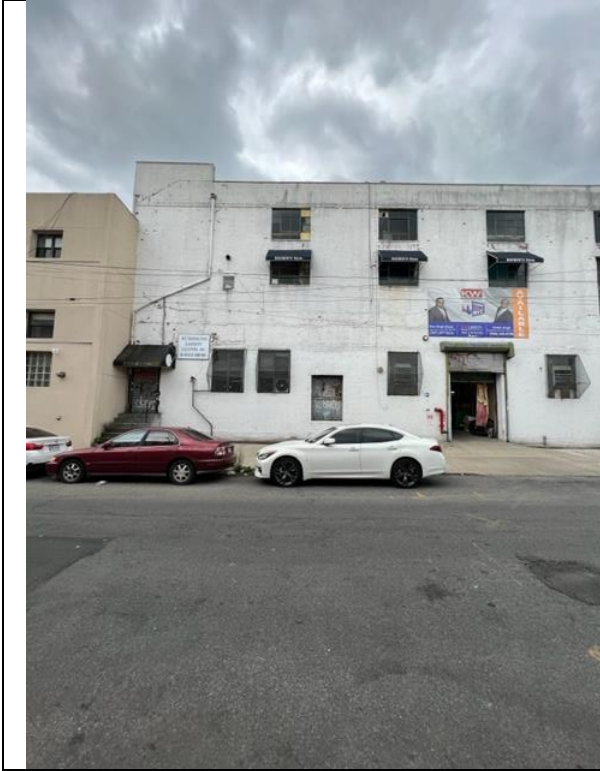
Adjacent Property to the South



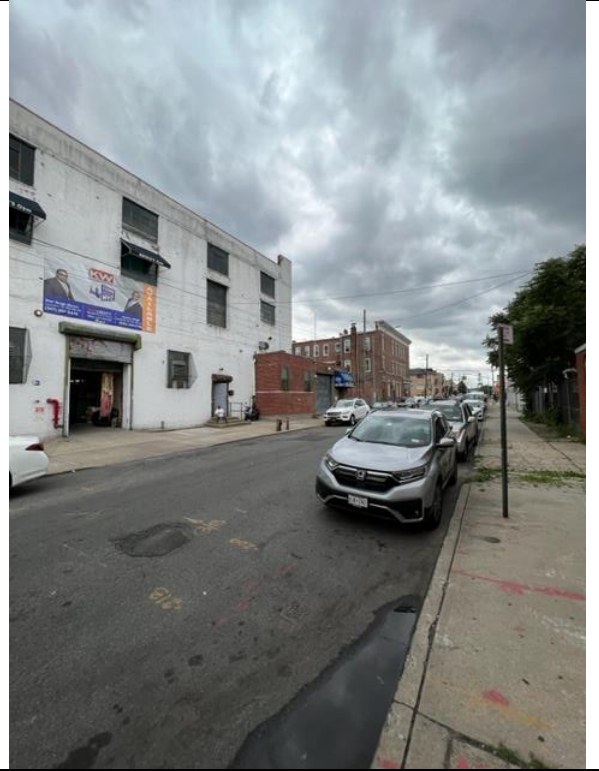
Adjacent Properties to the West

Phase I ESA Photos

101-21 101st Street, Queens, NY 11416



Adjacent Properties to the West



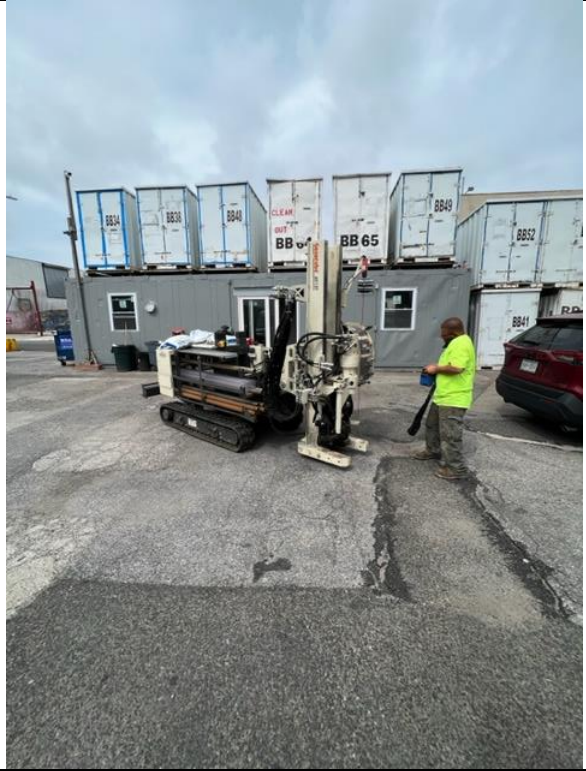
Adjacent Property to the West

Phase II ESA Photos

101-21 101st Street, Queens, NY 11416



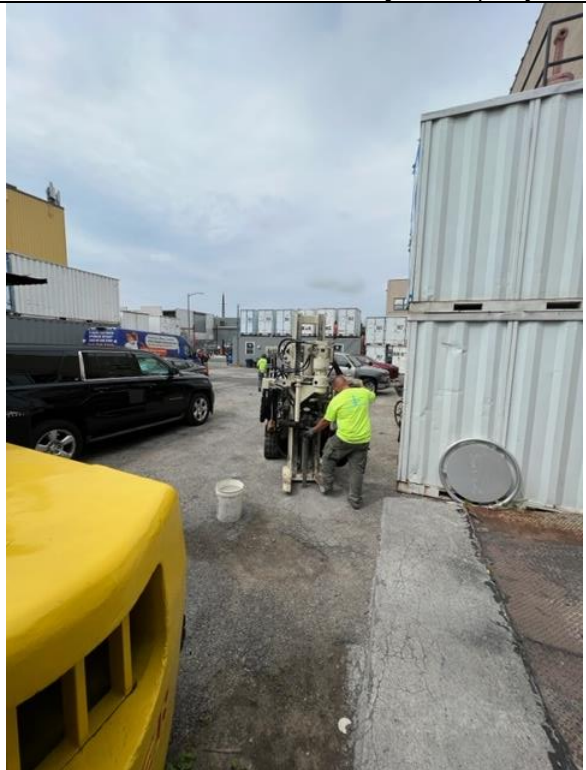
Soil Probe Installation at Subject Property



Soil Probe Installation at Subject Property



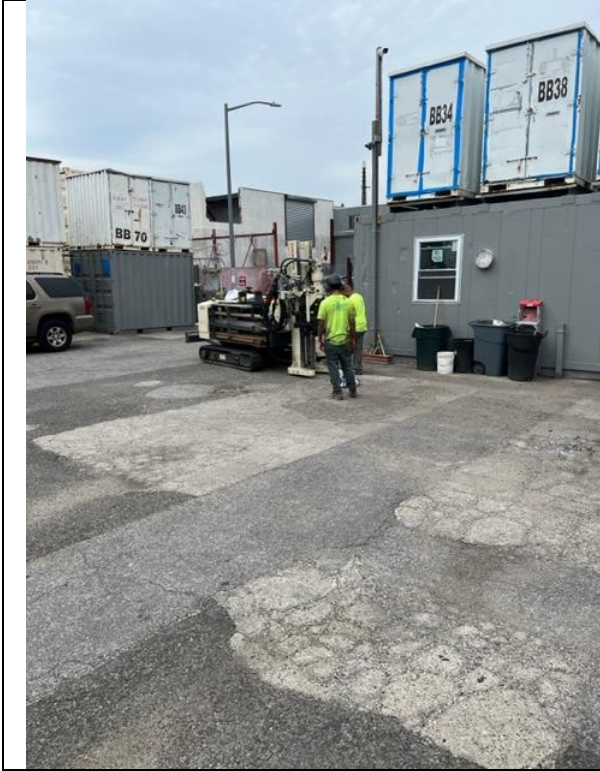
Soil Probe Installation at Subject Property



Soil Probe Installation at Subject Property

Phase II ESA Photos

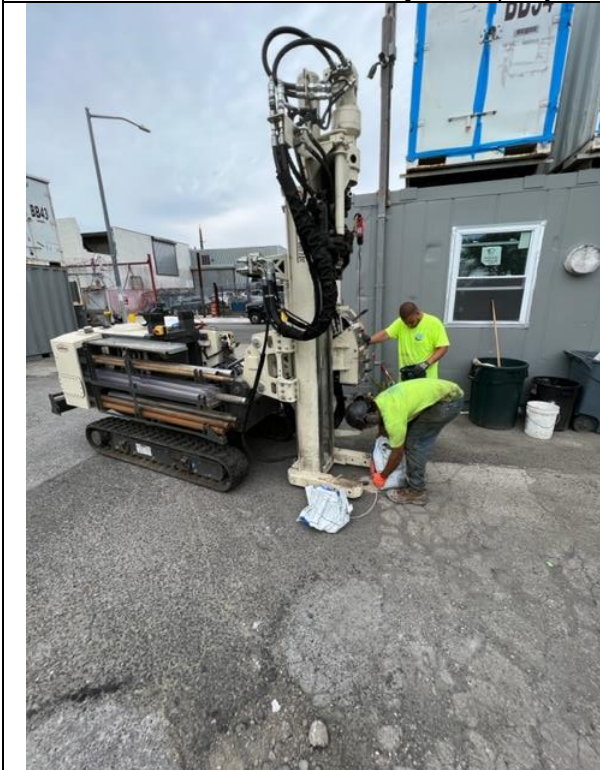
101-21 101st Street, Queens, NY 11416



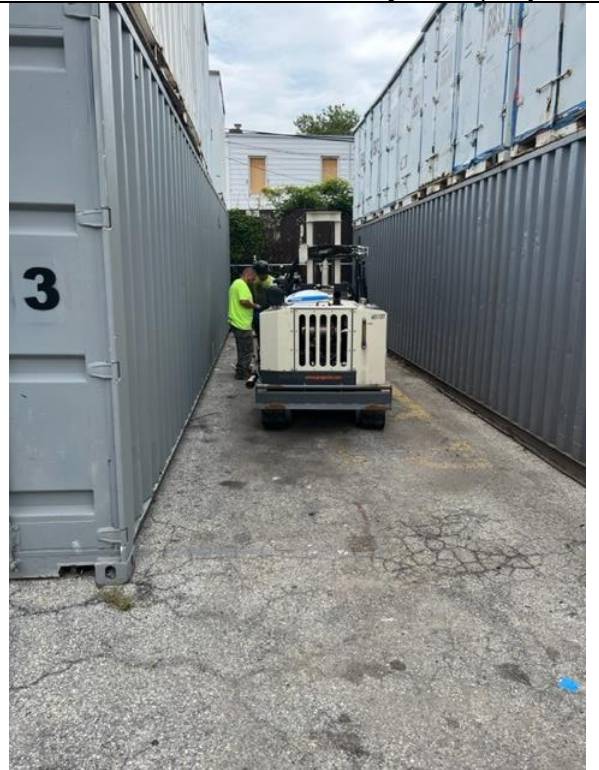
Soil Probe Installation at Subject Property



Soil Probe Installation at Subject Property

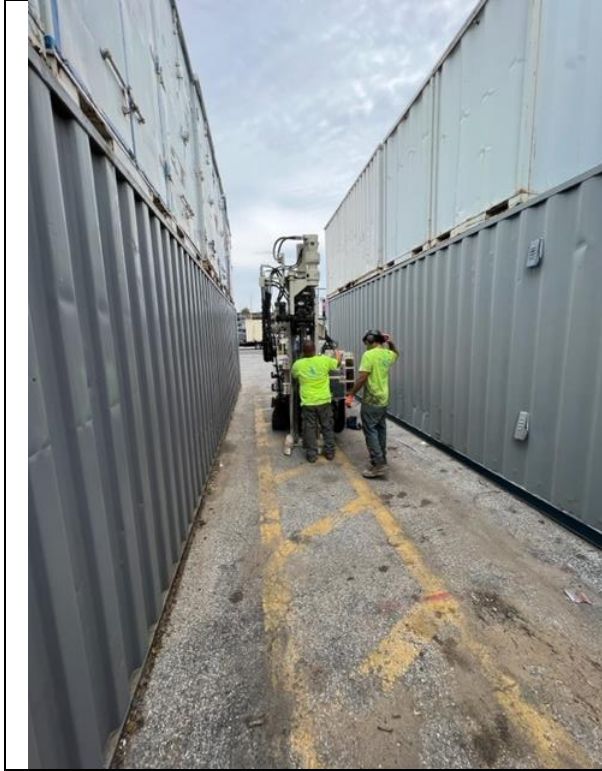


Soil Probe Installation at Subject Property



Soil Probe Installation at Subject Property

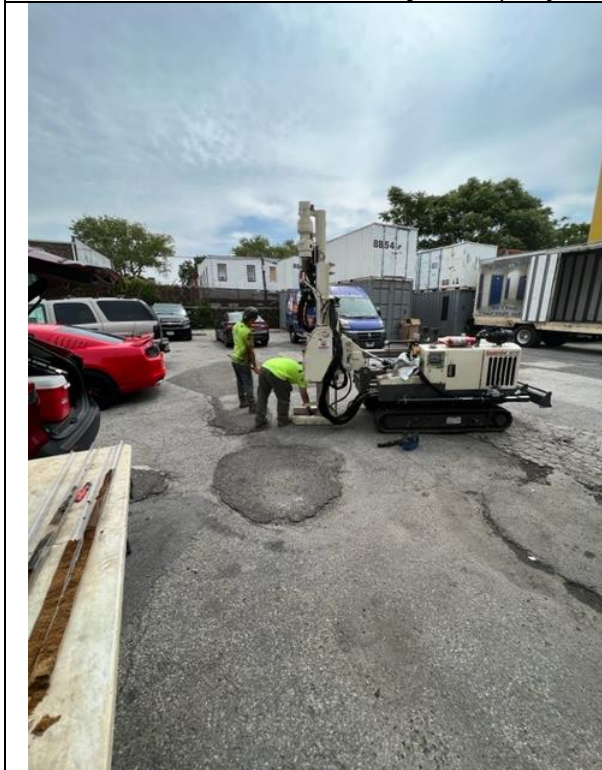
Phase II ESA Photos
101-21 101st Street, Queens, NY 11416



Soil Probe Installation at Subject Property



Soil Sample Collection at Subject Property



Soil Probe Installation at Subject Property



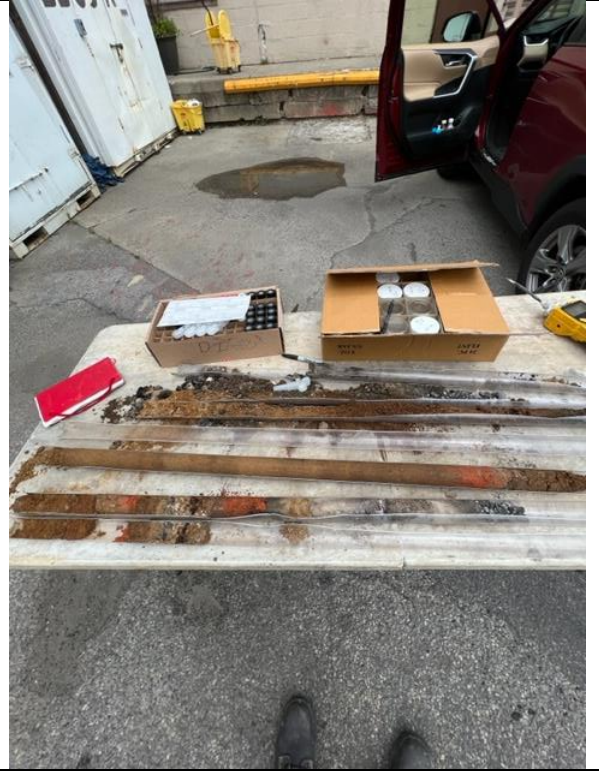
Soil Probe Installation at Subject Property

Phase II ESA Photos

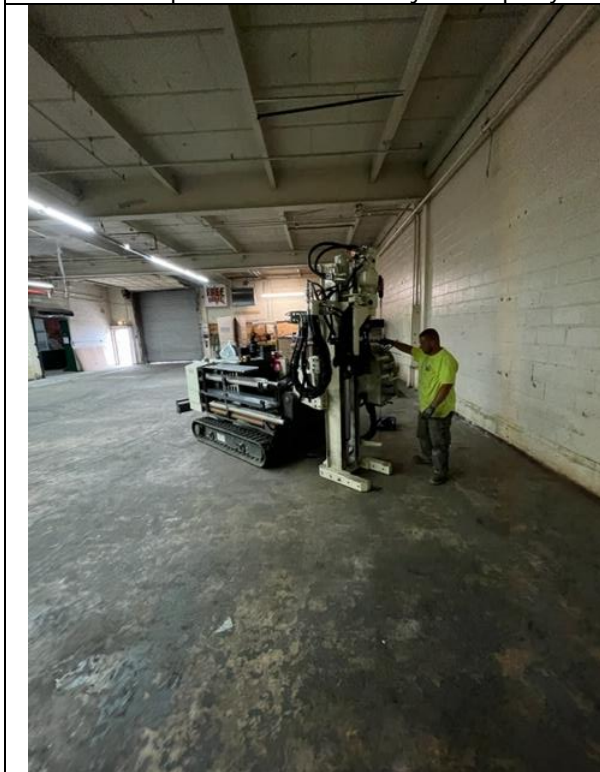
101-21 101st Street, Queens, NY 11416



Soil Sample Collection at Subject Property



Soil Sample Collection at Subject Property



Soil Probe Installation at Subject Property



Soil Probe Installation at Subject Property

Phase II ESA Photos

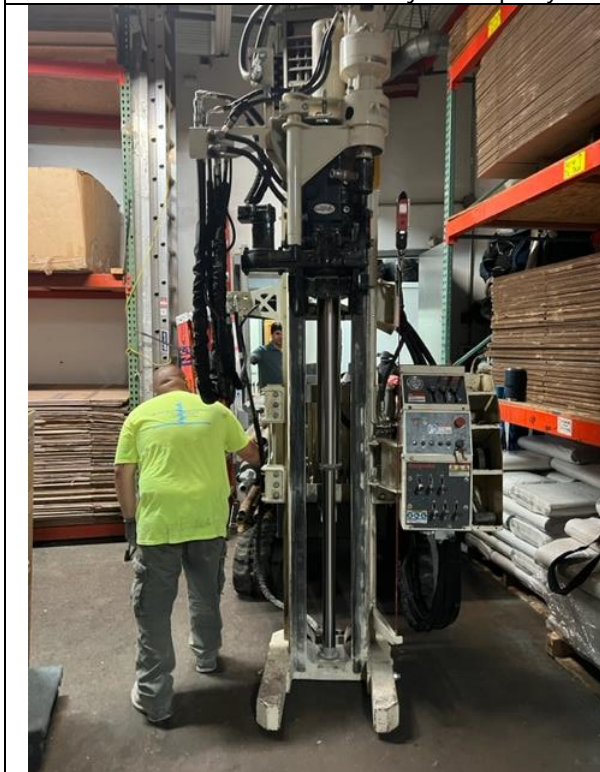
101-21 101st Street, Queens, NY 11416



Soil Probe Installation at Subject Property



Soil Probe Installation at Subject Property



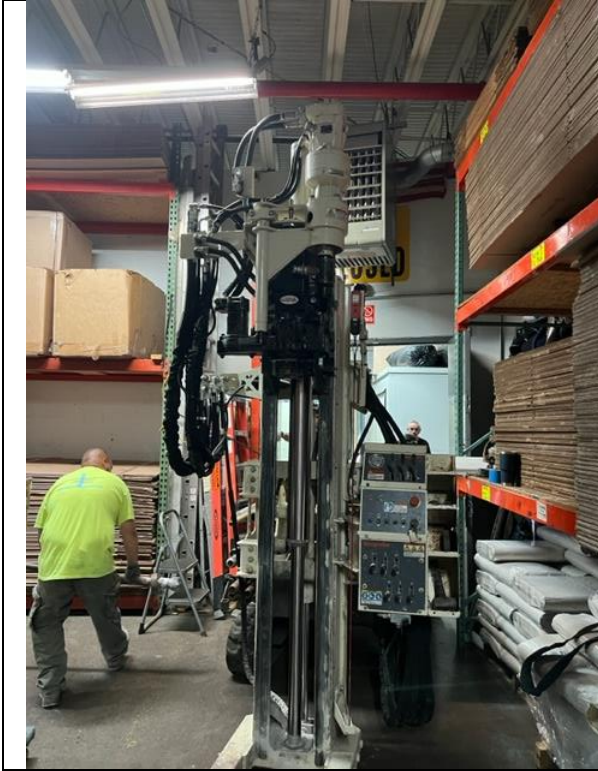
Soil Probe Installation at Subject Property



Soil Probe Installation at Subject Property

Phase II ESA Photos

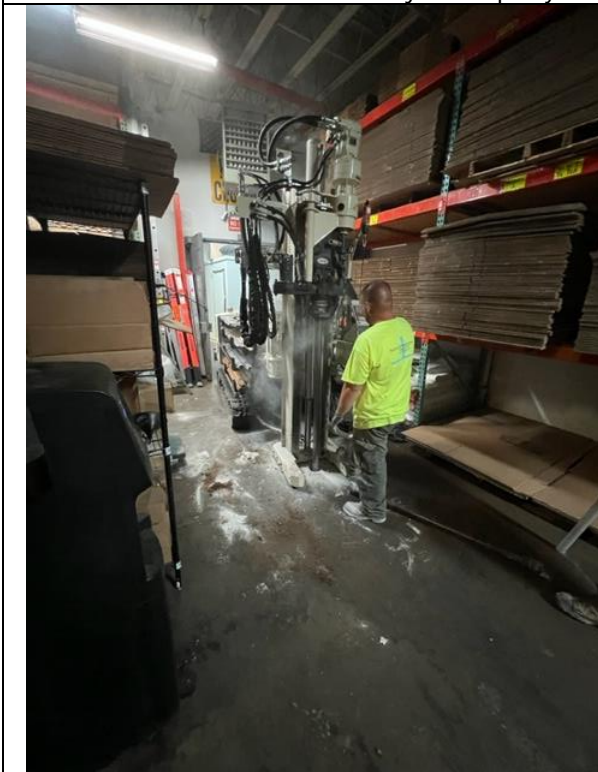
101-21 101st Street, Queens, NY 11416



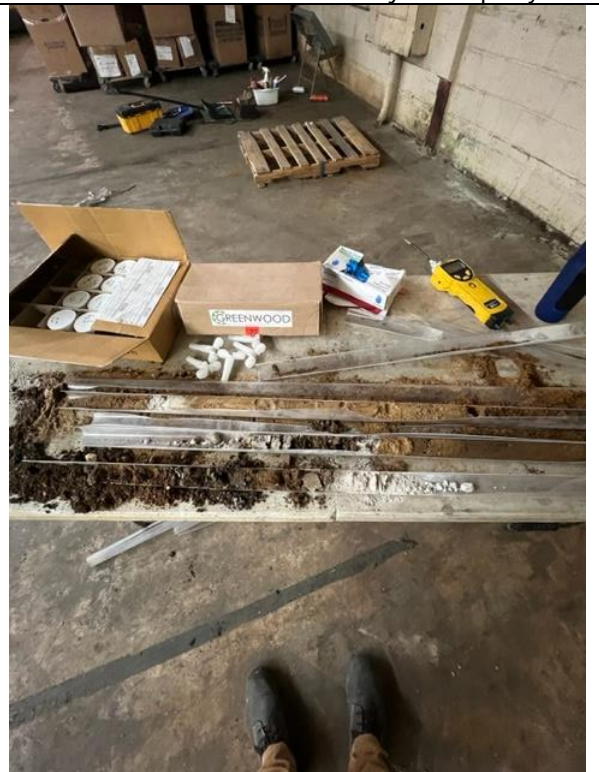
Soil Probe Installation at Subject Property



Soil Probe Installation at Subject Property

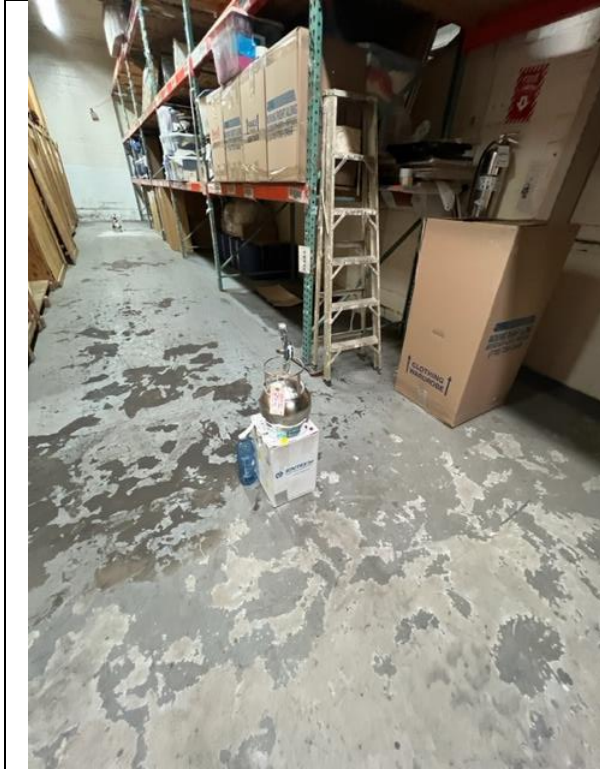


Soil Probe Installation at Subject Property

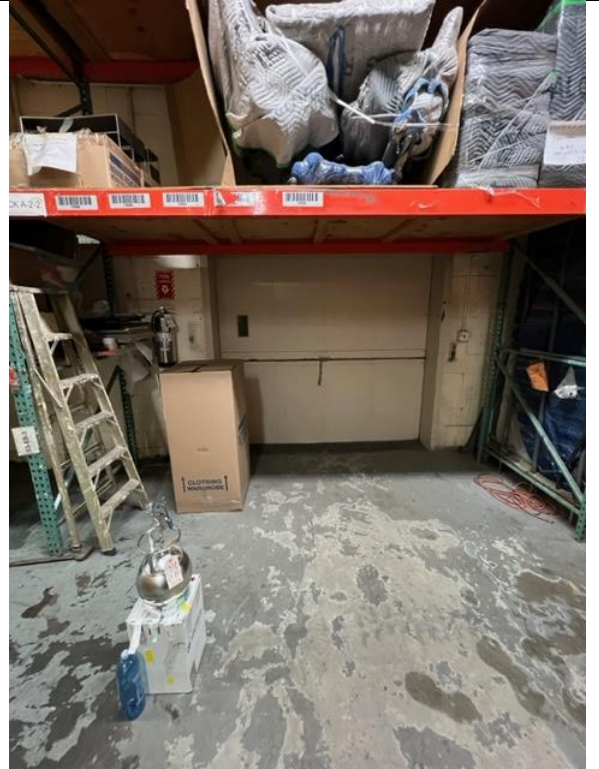


Soil Sample Collection at Subject Property

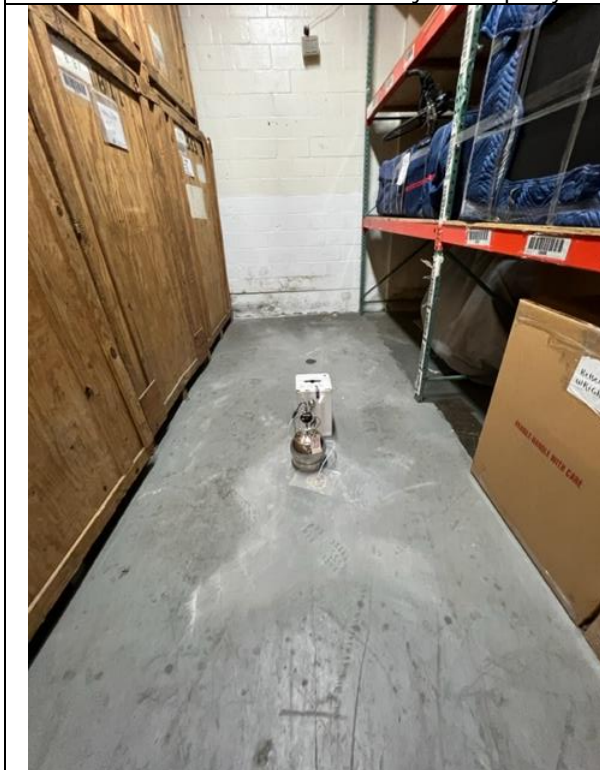
Phase II ESA Photos
101-21 101st Street, Queens, NY 11416



Ambient Air Collection at Subject Property



Ambient Air Collection at Subject Property



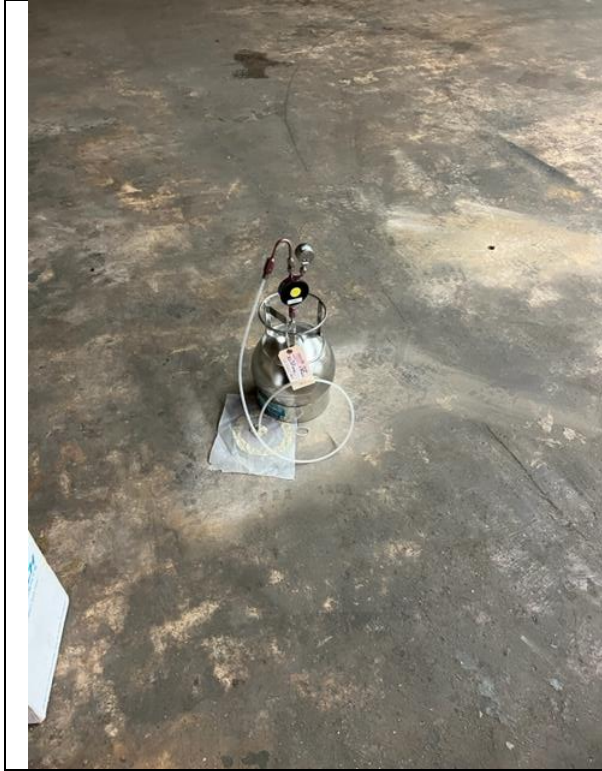
Soil Vapor Collection at Subject Property



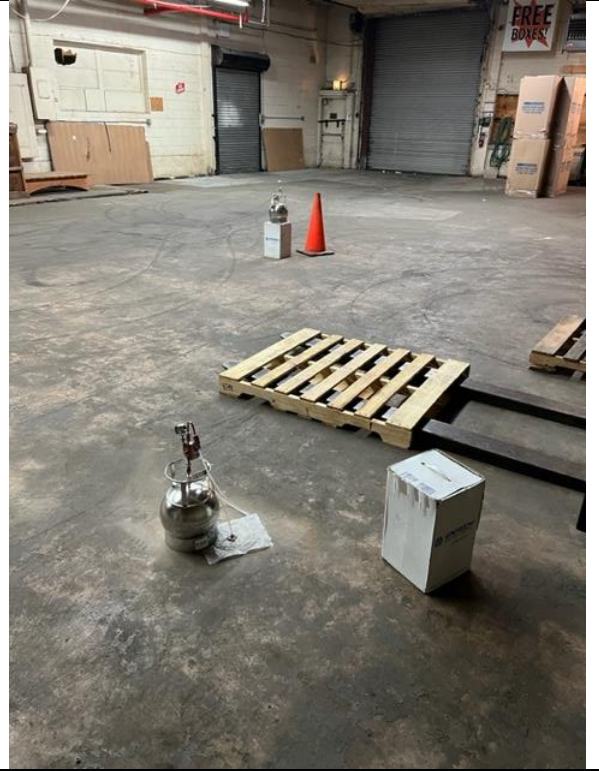
Soil Vapor Collection at Subject Property

Phase II ESA Photos

101-21 101st Street, Queens, NY 11416



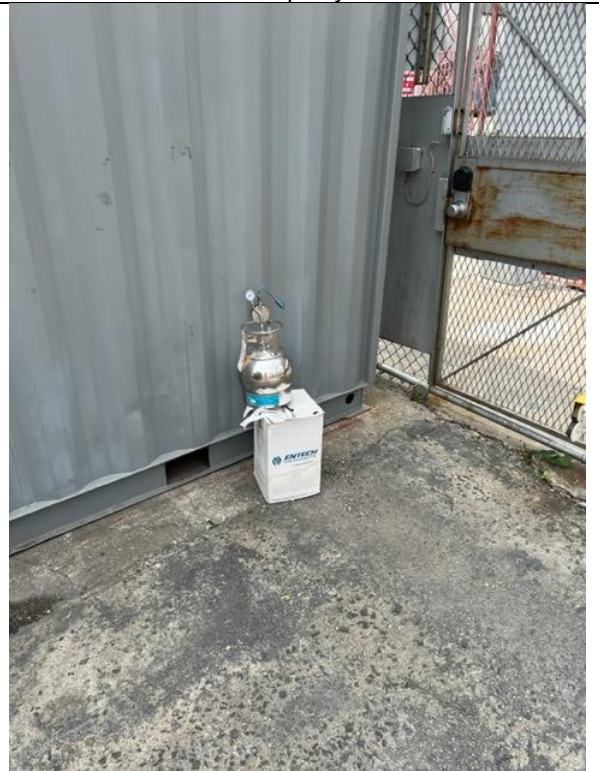
Soil Vapor Collection at Subject Property



Soil Vapor and Ambient Air Collection at Subject Property

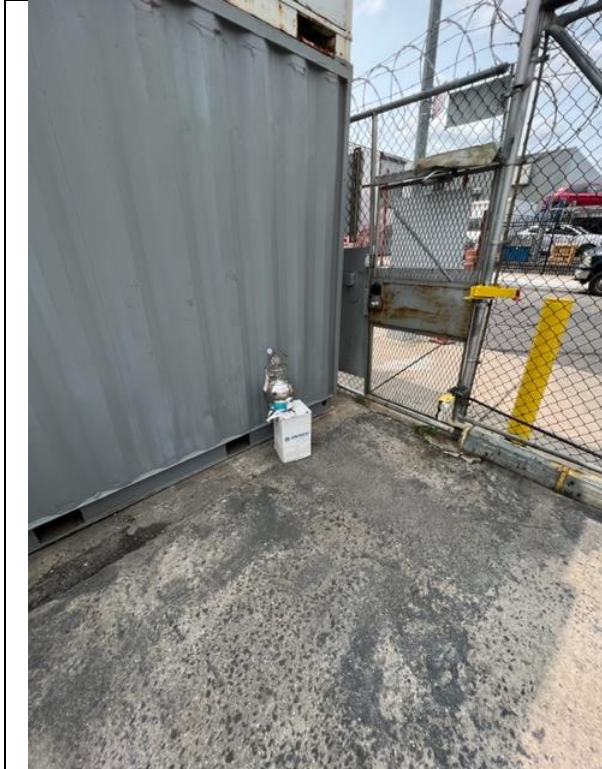


Ambient Air Collection at Subject Property



Ambient Air Collection at Subject Property

Phase II ESA Photos
101-21 101st Street, Queens, NY 11416



Ambient Air Collection at Subject Property



Soil Vapor Collection at Subject Property



Soil Vapor Collection at Subject Property



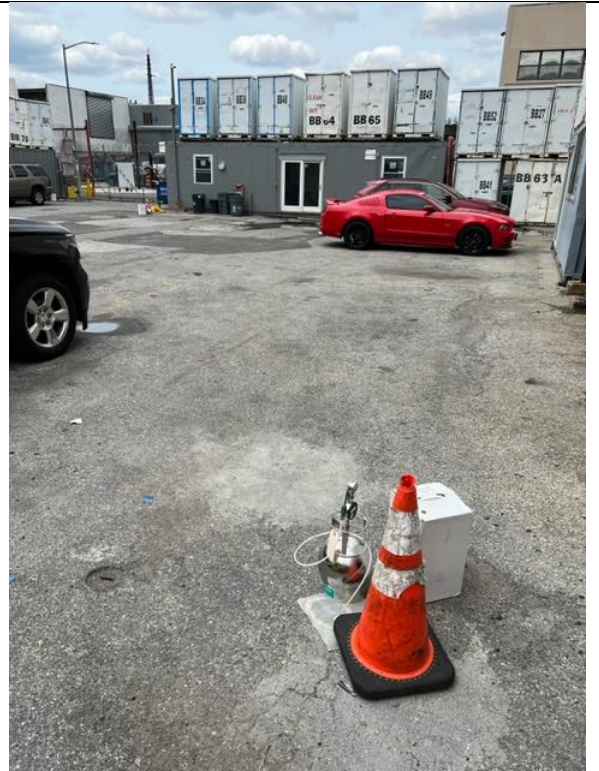
Soil Vapor Collection at Subject Property

Phase II ESA Photos

101-21 101st Street, Queens, NY 11416



Soil Vapor Collection at Subject Property



Soil Vapor Collection at Subject Property

Appendix G
User Questionnaire



ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Subject Property Name: 101-21 101st Street Touchstone Project #:
Address: 101-21 101st Street, Queens, NY 11231
Subject Property Owner: MRA LLC Purchase Date: 12/20/99
On-Site Property Contact: James Rueda Telephone: 917 335 2064
Fax: Email: jamesrueda101@gmail.com

President James Rueda 08/17/2023
Your Name and title Signature Date

Number of years you have been associated with the Subject Property

- 1. Describe the current uses of the property noting tenant names and oil/chemical usage. Moving and Storage Company. No chemical or oil usage.
2. Describe the past uses of the property noting tenant names and oil/chemical usage. Machine shop, former Ozone Industries site; see Phase I ESA for details.
3. (Y) (N) Has a previous environmental site assessment report been prepared for the property? If yes, for what reason? Can TOUCHSTONE have a copy? Yes. see current Phase I ESA.
4. (Y) (N) Has a subsurface investigation (Phase II) ever been conducted on the property, including soil sampling, groundwater sampling, or installation of groundwater monitoring wells? If yes, for what reason? What were the results? Can TOUCHSTONE have a copy of the report? Are there any groundwater monitoring wells currently located on the property? Yes, see Comprehensive Environmental Site Assessment.
5. (Y) (N) Has contamination been identified at the Subject Property? Describe the nature of the contamination (i.e., source, media impacted, location, sampling, cleanup activities, regulatory status, etc.). Can TOUCHSTONE have copies of related documentation? Yes, see Comprehensive Site Assessment.
6. (Y) (N) Has a spill or surficial release occurred at the Subject Property? Describe the nature of the spill/surficial release (i.e., source, location, response/cleanup actions, regulatory status, etc.). Can TOUCHSTONE have copies of related documentation? Evidence of historic contamination identified, see Comprehensive Site Assessment.
7. (Y) (N) Is the Subject Property listed with the USEPA and/or the state environmental regulatory agency as a contaminated site? If yes, please describe. Can TOUCHSTONE have copies of related documentation? Former Ozone Industries State Hazardous Waste Site (SHWS) Site No. 2-41-033.
8. (Y) (N) Has there ever been previous sampling for Asbestos, Lead-Based Paint, Lead in Water, or Radon? If yes, please describe. Can TOUCHSTONE have copies of related documentation? See Phase I ESA.
9. (Y) (N) Has there been any Asbestos or Lead-Based Paint abatement or Radon mitigation conducted at the Subject Property? Are there Asbestos and/or Lead-Based Paint Operations and Maintenance Plans for the Subject Property? If yes, please describe. Can TOUCHSTONE have copies of related documentation? See Phase I ESA.

10. (Y) (N) Any known environmental liens, deed restrictions, or use limitations for the Property? If yes, please describe. Can TOUCHSTONE have copies of related documentation? See Phase I ESA.
11. (Y) (N) Any permitted or regulated activities (Hazardous waste generator, air) on the Property? If yes, please describe. No; see Phase I ESA for historic activities.
12. (Y) (N) Are there any transformers or other electrical equipment, which may contain PCBs? If yes, please describe. Where are they? Who owns the transformer(s)? Who services them? No; see Phase I ESA for historic activities.
13. (Y) (N) Has an industrial or manufacturing operation, gas station, motor repair facility, commercial printing facility, dry cleaners, photo-developing laboratory, junk yard, landfill or waste, treatment, storage, disposal processing or recycling facility ever been located at or adjacent to the property? If yes, please describe. Yes; see Phase I ESA for historic activities.
14. (Y) (N) Are there any discarded drums, barrels or containers, construction debris, damaged or discarded automobile or industrial batteries, or pesticides, paints or other chemicals in individual containers or drums of greater than five gallons or fifty gallons in aggregate located on the property? If yes, please describe. No; see Phase I ESA for historic activities.
15. (Y) (N) Have there ever been any waste storage or treatment lagoons, pits, ponds, or surface impoundments on the property? If yes, please describe. No, see Phase I ESA for historic activities.
16. (Y) (N) Does the property have floor drains not discharging to a sewer? Septic System? If yes, please describe. See Phase I ESA.
17. (Y) (N) Are there currently aboveground or underground storage tanks at the property? If yes, complete table.

Type of Tank	Size	Content	Installation Date	Spill/Leak Detection? Y or N
Above or Underground	gal			
Above or Underground	gal			
Above or Underground	gal			
Above or Underground	gal			

See Phase I ESA.

18. Are you aware of any information to indicate that the Subject Property was sold for substantially below its fair market value? If so, please provide an explanation: No
19. Additional comments and/or pertinent information relevant to this Phase I ESA: N/A
- _____
- _____
- _____

Appendix H
Soil Probe Logs

Touchstone Environmental Geology, PC		Soil Probe Log (SP-1)		
Date: 6/14/2023 Location: 101-21 101st Street Queens, New York 11416 Boring No: SP-1 Drilling Method: Geoprobe		Total Depth: 10 feet Sampling Interval: 2.5 feet Sampling Method: Grab Driller: Coastal Environmental Solutions, Inc. Depth to Water: N/A		
Depth Below Grade and Lithology	Soil Description	PID Reading (PPM)	USGS Symbol	
0 -2.5	Concrete, Medium Grained Brown Sand	0.0	SW	
5	Medium Grained Brown Sand and Some Concrete	0.0	SW	
7.5	Same as Above	0.0.	SW	
10	Medium Grained Bown Sand and Rock Pieces	0.0	SW	
12.5	Refusal at 10 feet below grade			

Touchstone Environmental Geology, PC		Soil Probe Log (SP-2)		
Date: 6/14/2023 Location: 101-21 101st Street Queens, New York 11416 Boring No: SP-2 Drilling Method: Geoprobe		Total Depth: 12.5 feet Sampling Interval: 2.5 feet Sampling Method: Grab Driller: Coastal Environmental Solutions, Inc. Depth to Water: N/A		
Depth Below Grade and Lithology	Soil Description	PID Reading (PPM)	USGS Symbol	
0 -2.5	Concrete, Medium Grained Brown Sand	0.0	SW	
5	Same as Above	0.0	SW	
7.5	Medium Grained Brown Sand and Rock Pieces	0.0	SW	
10	Same as Above	0.0	SW	
12.5	Same as Above; Refusal at 12.5 feet below grade	0.0	SW	

Touchstone Environmental Geology, PC		Soil Probe Log (SP-3)		
Date: 6/14/2023 Location: 101-21 101st Street Queens, New York 11416 Boring No: SP-3 Drilling Method: Geoprobe		Total Depth: 12.5 feet Sampling Interval: 2.5 feet Sampling Method: Grab Driller: Coastal Environmental Solutions, Inc. Depth to Water: N/A		
Depth Below Grade and Lithology	Soil Description	PID Reading (PPM)	USGS Symbol	
0 -2.5	Concrete, Medium Grained Brown Sand	0.0	SW	
5	Same as Above	0.0	SW	
7.5	Medium Grained Brown Sand and Concrete	0.0	SW	
10	Medium Grained Brown Sand and Rock Pieces	0.0.	SW	
12.5	Same as Above, Refusal at 12.5 feet below grade	0.0.	SW	

Touchstone Environmental Geology, PC		Soil Probe Log (SP-4)		
Date: 6/14/2023		Total Depth: 12.5 feet		
Location: 101-21 101st Street Queens, New York 11416		Sampling Interval: 2.5 feet		
Boring No: SP-4 (Basement)		Sampling Method: Grab		
Drilling Method: Hand Auger		Driller: Coastal Environmental Solutions, Inc.		
		Depth to Water: N/A		
Depth Below Grade and Lithology	Soil Description	PID Reading (PPM)	USGS Symbol	
0 -2.5	Asphalt, Fill Materials, Medium Grained Brown Sand	0.0	SW	
5	Fill Materials, Medium Grained Brown Sand	0.0	SW	
7.5	Medium Grained Brown Sand	0.0	SW	
10	Same as Above	0.0.	SW	
12.5	Medium Grained Sand, Rock Pieces; Refusal at 12.5 feet below grade	0.0.	SW	

Touchstone Environmental Geology, PC		Soil Probe Log (SP-5)		
Date: 6/14/2023		Total Depth: 12.5 feet		
Location: 101-21 101st Street Queens, New York 11416		Sampling Interval: 2.5 feet		
Boring No: SP-5		Sampling Method: Grab		
Drilling Method: Geoprobe		Driller: Coastal Environmental Solutions, Inc.		
		Depth to Water: N/A		
Depth Below Grade and Lithology	Soil Description	PID Reading (PPM)	USGS Symbol	
0 -2.5	Asphalt, Fill Material, Ash Coal, Medium Grained Brown Sand	0.0	SW	
5	Fill Material, Ash Coal, Medium Grained Brown Sand	0.0	SW	
7.5	Medium Grained Brown Sand	0.0	SW	
10	Same as Above	0.0.	SW	
12.5	Medium Grained Brown Sand and Rock Pieces; Refusal at 12.5 feet below grade	0.0.	SW	

Appendix I
Laboratory Analytical Data



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 20, 2023

FOR: Attn: Rachel Ataman
Touchstone Environmental Geology, PC
1919 Middle Country Road
Centereach, NY 11720

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

06/14/23
06/15/23

Time

10:45
16:00

Laboratory Data

SDG ID: GCO29616
Phoenix ID: CO29616

Project ID: 101-21 101ST STREET QUEENS, NY
Client ID: SP-1 (2.5' -5')

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.60	0.60	mg/Kg	1	06/19/23	TH	SW6010D
Aluminum	6000	50	mg/Kg	10	06/19/23	IE	SW6010D
Arsenic	5.17	0.67	mg/Kg	1	06/19/23	IE	SW6010D
Barium	149	0.33	mg/Kg	1	06/19/23	IE	SW6010D
Beryllium	0.35	0.27	mg/Kg	1	06/19/23	IE	SW6010D
Calcium	13600	50	mg/Kg	10	06/19/23	IE	SW6010D
Cadmium	1.81	0.33	mg/Kg	1	06/19/23	IE	SW6010D
Cobalt	5.79	0.33	mg/Kg	1	06/19/23	IE	SW6010D
Chromium	16.6	0.33	mg/Kg	1	06/19/23	IE	SW6010D
Copper	137	6.7	mg/kg	10	06/19/23	IE	SW6010D
Iron	21800	50	mg/Kg	10	06/19/23	IE	SW6010D
Mercury	0.23	0.03	mg/Kg	2	06/16/23	AL1	SW7471B
Potassium	612	5.0	mg/Kg	1	06/19/23	IE	SW6010D
Magnesium	1700	5.0	mg/Kg	1	06/19/23	IE	SW6010D
Manganese	625	3.3	mg/Kg	10	06/19/23	IE	SW6010D
Sodium	156	5.0	mg/Kg	1	06/19/23	IE	SW6010D
Nickel	15.9	0.33	mg/Kg	1	06/19/23	IE	SW6010D
Lead	471	3.3	mg/Kg	10	06/19/23	IE	SW6010D
Antimony	< 3.3	3.3	mg/Kg	1	06/19/23	IE	SW6010D
Selenium	< 1.3	1.3	mg/Kg	1	06/19/23	IE	SW6010D
Thallium	< 3.0	3.0	mg/Kg	1	06/19/23	IE	SW6010D
Vanadium	24.3	0.33	mg/Kg	1	06/19/23	IE	SW6010D
Zinc	267	6.7	mg/Kg	10	06/19/23	IE	SW6010D
Percent Solid	90		%		06/15/23	CV	SW846-%Solid

Field Extraction	Completed			06/14/23		SW5035A	1
Mercury Digestion	Completed			06/16/23	AL/AL	SW7471B	
Soil Extraction for SVOA	Completed			06/15/23	H/M/A	SW3546	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed				06/16/23	P/AG	SW3050B
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloropropene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromoethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloroethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloropropane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichloropropane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
2,2-Dichloropropane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
2-Chlorotoluene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
2-Hexanone	ND	31	ug/Kg	1	06/16/23	JLI	SW8260C
2-Isopropyltoluene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
4-Chlorotoluene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
4-Methyl-2-pentanone	ND	31	ug/Kg	1	06/16/23	JLI	SW8260C
Acetone	ND	31	ug/Kg	1	06/16/23	JLI	SW8260C
Acrylonitrile	ND	12	ug/Kg	1	06/16/23	JLI	SW8260C
Benzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromobenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromochloromethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromodichloromethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromoform	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromomethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon Disulfide	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon tetrachloride	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Chlorobenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroform	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Chloromethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromochloromethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromomethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Dichlorodifluoromethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Ethylbenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Hexachlorobutadiene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
m&p-Xylene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl Ethyl Ketone	ND	31	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	1	06/16/23	JLI	SW8260C
Methylene chloride	ND	12	ug/Kg	1	06/16/23	JLI	SW8260C
Naphthalene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
n-Butylbenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
n-Propylbenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
o-Xylene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
p-Isopropyltoluene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
sec-Butylbenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Styrene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
tert-Butylbenzene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrachloroethene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrahydrofuran (THF)	ND	12	ug/Kg	1	06/16/23	JLI	SW8260C
Toluene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Total Xylenes	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	1	06/16/23	JLI	SW8260C
Trichloroethene	650	470	ug/Kg	50	06/16/23	JLI	SW8260C
Trichlorofluoromethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Vinyl chloride	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	1	06/16/23	JLI	70 - 130 %
% Bromofluorobenzene	93		%	1	06/16/23	JLI	70 - 130 %
% Dibromofluoromethane	99		%	1	06/16/23	JLI	70 - 130 %
% Toluene-d8	96		%	1	06/16/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	06/16/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	93		%	50	06/16/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	97		%	50	06/16/23	JLI	70 - 130 %
% Toluene-d8 (50x)	97		%	50	06/16/23	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2-Dichlorobenzene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
1,2-Diphenylhydrazine	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
1,3-Dichlorobenzene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
1,4-Dichlorobenzene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
2,4-Dinitrotoluene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
2,6-Dinitrotoluene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
2-Chloronaphthalene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
2-Methylnaphthalene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
2-Nitroaniline	ND	1100	ug/Kg	1	06/16/23	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	1	06/16/23	KCA	SW8270D
3-Nitroaniline	ND	1100	ug/Kg	1	06/16/23	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
4-Chloroaniline	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Nitroaniline	ND	1100	ug/Kg	1	06/16/23	KCA	SW8270D
Acenaphthene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Acenaphthylene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Anthracene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Benz(a)anthracene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Benzidine	ND	360	ug/Kg	1	06/16/23	KCA	SW8270D
Benzo(a)pyrene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Benzo(b)fluoranthene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Benzo(ghi)perylene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Benzo(k)fluoranthene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Benzoic acid	ND	730	ug/Kg	1	06/16/23	KCA	SW8270D
Benzyl alcohol	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Benzyl butyl phthalate	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Chrysene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Dibenz(a,h)anthracene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Dibenzofuran	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Diethyl phthalate	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Dimethylphthalate	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Di-n-butylphthalate	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Di-n-octylphthalate	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Fluoranthene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Fluorene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Hexachlorobenzene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Hexachlorobutadiene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Hexachlorocyclopentadiene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Hexachloroethane	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Isophorone	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Naphthalene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Nitrobenzene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
N-Nitrosodimethylamine	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
N-Nitrosodiphenylamine	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Phenanthrene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
Pyrene	ND	250	ug/Kg	1	06/16/23	KCA	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	73		%	1	06/16/23	KCA	30 - 130 %
% Nitrobenzene-d5	76		%	1	06/16/23	KCA	30 - 130 %
% Terphenyl-d14	74		%	1	06/16/23	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

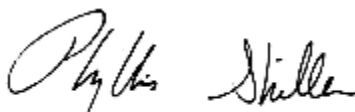
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 20, 2023

Official Report Release To Follow



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 20, 2023

FOR: Attn: Rachel Ataman
Touchstone Environmental Geology, PC
1919 Middle Country Road
Centereach, NY 11720

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

06/14/23
06/15/23

Time

11:00
16:00

Laboratory Data

SDG ID: GCO29616
Phoenix ID: CO29617

Project ID: 101-21 101ST STREET QUEENS, NY
Client ID: SP-2 (10`-11.5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.32	0.32	mg/Kg	1	06/20/23	TH	SW6010D
Aluminum	3040	48	mg/Kg	10	06/20/23	TH	SW6010D
Arsenic	1.00	0.63	mg/Kg	1	06/20/23	TH	SW6010D
Barium	17.8	0.32	mg/Kg	1	06/20/23	TH	SW6010D
Beryllium	< 0.25	0.25	mg/Kg	1	06/20/23	TH	SW6010D
Calcium	396	4.8	mg/Kg	1	06/20/23	TH	SW6010D
Cadmium	0.63	0.32	mg/Kg	1	06/20/23	TH	SW6010D
Cobalt	3.19	0.32	mg/Kg	1	06/20/23	TH	SW6010D
Chromium	9.06	0.32	mg/Kg	1	06/20/23	TH	SW6010D
Copper	6.4	0.6	mg/kg	1	06/20/23	TH	SW6010D
Iron	12600	48	mg/Kg	10	06/20/23	TH	SW6010D
Mercury	< 0.03	0.03	mg/Kg	2	06/16/23	AL1	SW7471B
Potassium	436	4.8	mg/Kg	1	06/20/23	TH	SW6010D
Magnesium	808	4.8	mg/Kg	1	06/20/23	TH	SW6010D
Manganese	162	3.2	mg/Kg	10	06/20/23	TH	SW6010D
Sodium	35.0	4.8	mg/Kg	1	06/20/23	TH	SW6010D
Nickel	6.76	0.32	mg/Kg	1	06/20/23	TH	SW6010D
Lead	2.91	0.32	mg/Kg	1	06/20/23	TH	SW6010D
Antimony	< 3.2	3.2	mg/Kg	1	06/20/23	TH	SW6010D
Selenium	< 1.3	1.3	mg/Kg	1	06/20/23	TH	SW6010D
Thallium	< 2.9	2.9	mg/Kg	1	06/20/23	TH	SW6010D
Vanadium	12.7	0.32	mg/Kg	1	06/20/23	TH	SW6010D
Zinc	11.6	0.6	mg/Kg	1	06/20/23	TH	SW6010D
Percent Solid	95		%		06/15/23	CV	SW846-%Solid

Field Extraction	Completed				06/14/23		SW5035A	1
Mercury Digestion	Completed				06/16/23	AL/AL	SW7471B	
Soil Extraction for SVOA	Completed				06/15/23	H/M/A	SW3546	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed				06/16/23	P/AG	SW3050B
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloropropene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromoethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloroethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloropropane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichloropropane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
2,2-Dichloropropane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
2-Chlorotoluene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
2-Hexanone	ND	26	ug/Kg	1	06/16/23	JLI	SW8260C
2-Isopropyltoluene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
4-Chlorotoluene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
4-Methyl-2-pentanone	ND	26	ug/Kg	1	06/16/23	JLI	SW8260C
Acetone	ND	26	ug/Kg	1	06/16/23	JLI	SW8260C
Acrylonitrile	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Benzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromobenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromochloromethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromodichloromethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromoform	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Bromomethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon Disulfide	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon tetrachloride	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Chlorobenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroform	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Chloromethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromochloromethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromomethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Dichlorodifluoromethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Ethylbenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Hexachlorobutadiene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
m&p-Xylene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl Ethyl Ketone	ND	26	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Methylene chloride	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Naphthalene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
n-Butylbenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
n-Propylbenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
o-Xylene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
p-Isopropyltoluene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
sec-Butylbenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Styrene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
tert-Butylbenzene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrachloroethene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Toluene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Total Xylenes	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Trichloroethene	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Trichlorofluoromethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
Vinyl chloride	ND	5.2	ug/Kg	1	06/16/23	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	1	06/16/23	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	06/16/23	JLI	70 - 130 %
% Dibromofluoromethane	102		%	1	06/16/23	JLI	70 - 130 %
% Toluene-d8	98		%	1	06/16/23	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1,2-Diphenylhydrazine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1,3-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1,4-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2,4-Dinitrotoluene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2,6-Dinitrotoluene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2-Chloronaphthalene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2-Methylnaphthalene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2-Nitroaniline	ND	990	ug/Kg	1	06/16/23	AW	SW8270D
3,3'-Dichlorobenzidine	ND	1400	ug/Kg	1	06/16/23	AW	SW8270D
3-Nitroaniline	ND	990	ug/Kg	1	06/16/23	AW	SW8270D
4-Bromophenyl phenyl ether	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
4-Chloroaniline	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
4-Nitroaniline	ND	990	ug/Kg	1	06/16/23	AW	SW8270D
Acenaphthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Anthracene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benz(a)anthracene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzidine	ND	340	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzoic acid	ND	690	ug/Kg	1	06/16/23	AW	SW8270D
Benzyl alcohol	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzyl butyl phthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-chloroethyl)ether	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Chrysene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Dibenzofuran	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Diethyl phthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Dimethylphthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Di-n-butylphthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Di-n-octylphthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Fluoranthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Fluorene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorobutadiene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachloroethane	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Isophorone	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Naphthalene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Nitrobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodimethylamine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodiphenylamine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Phenanthrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Pyrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	69		%	1	06/16/23	AW	30 - 130 %
% Nitrobenzene-d5	73		%	1	06/16/23	AW	30 - 130 %
% Terphenyl-d14	73		%	1	06/16/23	AW	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

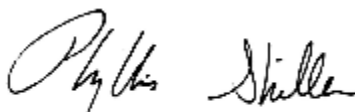
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 20, 2023

Official Report Release To Follow



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 20, 2023

FOR: Attn: Rachel Ataman
Touchstone Environmental Geology, PC
1919 Middle Country Road
Centereach, NY 11720

Sample Information

Matrix: SOIL
Location Code: TOUCHSTONE
Rush Request: 72 Hour
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

06/14/23
06/15/23

Time

12:30
16:00

Laboratory Data

SDG ID: GCO29616
Phoenix ID: CO29618

Project ID: 101-21 101ST STREET QUEENS, NY
Client ID: SP-4 (10`-12.5`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.31	0.31	mg/Kg	1	06/20/23	TH	SW6010D
Aluminum	4260	46	mg/Kg	10	06/20/23	TH	SW6010D
Arsenic	1.25	0.61	mg/Kg	1	06/20/23	TH	SW6010D
Barium	23.8	0.31	mg/Kg	1	06/20/23	TH	SW6010D
Beryllium	0.26	0.25	mg/Kg	1	06/20/23	TH	SW6010D
Calcium	326	4.6	mg/Kg	1	06/20/23	TH	SW6010D
Cadmium	0.93	0.31	mg/Kg	1	06/20/23	TH	SW6010D
Cobalt	4.88	0.31	mg/Kg	1	06/20/23	TH	SW6010D
Chromium	11.4	0.31	mg/Kg	1	06/20/23	TH	SW6010D
Copper	9.9	0.6	mg/kg	1	06/20/23	TH	SW6010D
Iron	23600	46	mg/Kg	10	06/20/23	TH	SW6010D
Mercury	< 0.02	0.02	mg/Kg	2	06/16/23	AL1	SW7471B
Potassium	460	4.6	mg/Kg	1	06/20/23	TH	SW6010D
Magnesium	1120	4.6	mg/Kg	1	06/20/23	TH	SW6010D
Manganese	340	3.1	mg/Kg	10	06/20/23	TH	SW6010D
Sodium	42.9	4.6	mg/Kg	1	06/20/23	TH	SW6010D
Nickel	8.78	0.31	mg/Kg	1	06/20/23	TH	SW6010D
Lead	3.52	0.31	mg/Kg	1	06/20/23	TH	SW6010D
Antimony	< 3.1	3.1	mg/Kg	1	06/20/23	TH	SW6010D
Selenium	< 1.2	1.2	mg/Kg	1	06/20/23	TH	SW6010D
Thallium	< 2.8	2.8	mg/Kg	1	06/20/23	TH	SW6010D
Vanadium	16.3	0.31	mg/Kg	1	06/20/23	TH	SW6010D
Zinc	18.6	0.6	mg/Kg	1	06/20/23	TH	SW6010D
Percent Solid	97		%		06/15/23	CV	SW846-%Solid

Field Extraction	Completed			06/14/23		SW5035A	
Mercury Digestion	Completed			06/16/23	AL/AL	SW7471B	
Soil Extraction for SVOA	Completed			06/15/23	H/M/A	SW3546	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed				06/16/23	P/AG	SW3050B
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloropropene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromoethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloroethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloropropane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichloropropane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
2,2-Dichloropropane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
2-Chlorotoluene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
2-Hexanone	ND	25	ug/Kg	1	06/16/23	JLI	SW8260C
2-Isopropyltoluene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
4-Chlorotoluene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
4-Methyl-2-pentanone	ND	25	ug/Kg	1	06/16/23	JLI	SW8260C
Acetone	ND	25	ug/Kg	1	06/16/23	JLI	SW8260C
Acrylonitrile	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Benzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Bromobenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Bromochloromethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Bromodichloromethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Bromoform	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Bromomethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon Disulfide	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon tetrachloride	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Chlorobenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroform	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Chloromethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromochloromethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromomethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Dichlorodifluoromethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Ethylbenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Hexachlorobutadiene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
m&p-Xylene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl Ethyl Ketone	ND	25	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Methylene chloride	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Naphthalene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
n-Butylbenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
n-Propylbenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
o-Xylene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
p-Isopropyltoluene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
sec-Butylbenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Styrene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
tert-Butylbenzene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrachloroethene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrahydrofuran (THF)	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Toluene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Total Xylenes	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	1	06/16/23	JLI	SW8260C
Trichloroethene	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Trichlorofluoromethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
Vinyl chloride	ND	5.1	ug/Kg	1	06/16/23	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	99		%	1	06/16/23	JLI	70 - 130 %
% Bromofluorobenzene	94		%	1	06/16/23	JLI	70 - 130 %
% Dibromofluoromethane	100		%	1	06/16/23	JLI	70 - 130 %
% Toluene-d8	98		%	1	06/16/23	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1,2-Diphenylhydrazine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1,3-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1,4-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2,4-Dinitrotoluene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2,6-Dinitrotoluene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2-Chloronaphthalene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2-Methylnaphthalene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2-Nitroaniline	ND	980	ug/Kg	1	06/16/23	AW	SW8270D
3,3'-Dichlorobenzidine	ND	1400	ug/Kg	1	06/16/23	AW	SW8270D
3-Nitroaniline	ND	980	ug/Kg	1	06/16/23	AW	SW8270D
4-Bromophenyl phenyl ether	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
4-Chloroaniline	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
4-Nitroaniline	ND	980	ug/Kg	1	06/16/23	AW	SW8270D
Acenaphthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Anthracene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benz(a)anthracene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzidine	ND	340	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzoic acid	ND	680	ug/Kg	1	06/16/23	AW	SW8270D
Benzyl alcohol	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzyl butyl phthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-chloroethyl)ether	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Chrysene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Dibenzofuran	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Diethyl phthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Dimethylphthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Di-n-butylphthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Di-n-octylphthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Fluoranthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Fluorene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorobutadiene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachloroethane	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Isophorone	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Naphthalene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Nitrobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodimethylamine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodiphenylamine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Phenanthrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Pyrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	67		%	1	06/16/23	AW	30 - 130 %
% Nitrobenzene-d5	70		%	1	06/16/23	AW	30 - 130 %
% Terphenyl-d14	72		%	1	06/16/23	AW	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

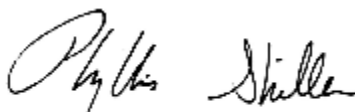
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 20, 2023

Official Report Release To Follow



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 20, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: SOIL
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

06/14/23
 06/15/23

Time

13:00
 16:00

Laboratory Data

SDG ID: GCO29616
 Phoenix ID: CO29619

Project ID: 101-21 101ST STREET QUEENS, NY
 Client ID: SP-5 (2.5' -5')

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	1	06/20/23	TH	SW6010D
Aluminum	10200	55	mg/Kg	10	06/20/23	TH	SW6010D
Arsenic	5.02	0.73	mg/Kg	1	06/20/23	TH	SW6010D
Barium	197	0.37	mg/Kg	1	06/20/23	TH	SW6010D
Beryllium	0.52	0.29	mg/Kg	1	06/20/23	TH	SW6010D
Calcium	3990	5.5	mg/Kg	1	06/20/23	TH	SW6010D
Cadmium	1.40	0.37	mg/Kg	1	06/20/23	TH	SW6010D
Cobalt	6.07	0.37	mg/Kg	1	06/20/23	TH	SW6010D
Chromium	20.9	0.37	mg/Kg	1	06/20/23	TH	SW6010D
Copper	35.1	0.7	mg/kg	1	06/20/23	TH	SW6010D
Iron	18700	55	mg/Kg	10	06/20/23	IE	SW6010D
Mercury	0.09	0.03	mg/Kg	2	06/16/23	AL1	SW7471B
Potassium	651	5.5	mg/Kg	1	06/20/23	TH	SW6010D
Magnesium	1560	5.5	mg/Kg	1	06/20/23	TH	SW6010D
Manganese	353	3.7	mg/Kg	10	06/20/23	TH	SW6010D
Sodium	174	5.5	mg/Kg	1	06/20/23	TH	SW6010D
Nickel	14.5	0.37	mg/Kg	1	06/20/23	TH	SW6010D
Lead	505	3.7	mg/Kg	10	06/20/23	IE	SW6010D
Antimony	< 3.7	3.7	mg/Kg	1	06/20/23	TH	SW6010D
Selenium	< 1.5	1.5	mg/Kg	1	06/20/23	TH	SW6010D
Thallium	< 3.3	3.3	mg/Kg	1	06/20/23	TH	SW6010D
Vanadium	29.1	0.37	mg/Kg	1	06/20/23	TH	SW6010D
Zinc	223	7.3	mg/Kg	10	06/20/23	TH	SW6010D
Percent Solid	90		%		06/15/23	CV	SW846-%Solid

Field Extraction	Completed			06/14/23		SW5035A	
Mercury Digestion	Completed			06/16/23	AL/AL	SW7471B	
Soil Extraction for SVOA	Completed			06/15/23	H/M/A	SW3546	

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed				06/16/23	P/AG	SW3050B
Volatiles							
1,1,1,2-Tetrachloroethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloropropene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromoethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloroethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloropropane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichloropropane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
2,2-Dichloropropane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
2-Chlorotoluene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
2-Hexanone	ND	24	ug/Kg	1	06/16/23	JLI	SW8260C
2-Isopropyltoluene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
4-Chlorotoluene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
4-Methyl-2-pentanone	ND	24	ug/Kg	1	06/16/23	JLI	SW8260C
Acetone	ND	24	ug/Kg	1	06/16/23	JLI	SW8260C
Acrylonitrile	ND	9.8	ug/Kg	1	06/16/23	JLI	SW8260C
Benzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Bromobenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Bromochloromethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Bromodichloromethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Bromoform	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Bromomethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon Disulfide	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon tetrachloride	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Chlorobenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroform	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Chloromethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,2-Dichloroethene	9.5	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromochloromethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromomethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Dichlorodifluoromethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Ethylbenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Hexachlorobutadiene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
m&p-Xylene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl Ethyl Ketone	ND	24	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	9.8	ug/Kg	1	06/16/23	JLI	SW8260C
Methylene chloride	ND	9.8	ug/Kg	1	06/16/23	JLI	SW8260C
Naphthalene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
n-Butylbenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
n-Propylbenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
o-Xylene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
p-Isopropyltoluene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
sec-Butylbenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Styrene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
tert-Butylbenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrachloroethene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrahydrofuran (THF)	ND	9.8	ug/Kg	1	06/16/23	JLI	SW8260C
Toluene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Total Xylenes	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	9.8	ug/Kg	1	06/16/23	JLI	SW8260C
Trichloroethene	5800	500	ug/Kg	50	06/16/23	JLI	SW8260C
Trichlorofluoromethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Vinyl chloride	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	1	06/16/23	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	06/16/23	JLI	70 - 130 %
% Dibromofluoromethane	102		%	1	06/16/23	JLI	70 - 130 %
% Toluene-d8	97		%	1	06/16/23	JLI	70 - 130 %
% 1,2-dichlorobenzene-d4 (50x)	100		%	50	06/16/23	JLI	70 - 130 %
% Bromofluorobenzene (50x)	93		%	50	06/16/23	JLI	70 - 130 %
% Dibromofluoromethane (50x)	91		%	50	06/16/23	JLI	70 - 130 %
% Toluene-d8 (50x)	96		%	50	06/16/23	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2-Dichlorobenzene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
1,2-Diphenylhydrazine	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
1,3-Dichlorobenzene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
1,4-Dichlorobenzene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
2,4-Dinitrotoluene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
2,6-Dinitrotoluene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
2-Chloronaphthalene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
2-Methylnaphthalene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
2-Nitroaniline	ND	1100	ug/Kg	1	06/16/23	AW	SW8270D
3,3'-Dichlorobenzidine	ND	1500	ug/Kg	1	06/16/23	AW	SW8270D
3-Nitroaniline	ND	1100	ug/Kg	1	06/16/23	AW	SW8270D
4-Bromophenyl phenyl ether	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
4-Chloroaniline	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	1	06/16/23	AW	SW8270D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Nitroaniline	ND	1100	ug/Kg	1	06/16/23	AW	SW8270D
Acenaphthene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Acenaphthylene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Anthracene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Benz(a)anthracene	700	260	ug/Kg	1	06/16/23	AW	SW8270D
Benzidine	ND	370	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(a)pyrene	700	260	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(b)fluoranthene	830	260	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(ghi)perylene	430	260	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(k)fluoranthene	290	260	ug/Kg	1	06/16/23	AW	SW8270D
Benzoic acid	ND	730	ug/Kg	1	06/16/23	AW	SW8270D
Benzyl alcohol	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Benzyl butyl phthalate	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-chloroethyl)ether	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Chrysene	740	260	ug/Kg	1	06/16/23	AW	SW8270D
Dibenz(a,h)anthracene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Dibenzofuran	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Diethyl phthalate	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Dimethylphthalate	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Di-n-butylphthalate	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Di-n-octylphthalate	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Fluoranthene	1400	260	ug/Kg	1	06/16/23	AW	SW8270D
Fluorene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorobenzene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorobutadiene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorocyclopentadiene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Hexachloroethane	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Indeno(1,2,3-cd)pyrene	420	260	ug/Kg	1	06/16/23	AW	SW8270D
Isophorone	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Naphthalene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Nitrobenzene	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodimethylamine	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodiphenylamine	ND	260	ug/Kg	1	06/16/23	AW	SW8270D
Phenanthrene	970	260	ug/Kg	1	06/16/23	AW	SW8270D
Pyrene	1400	260	ug/Kg	1	06/16/23	AW	SW8270D
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	69		%	1	06/16/23	AW	30 - 130 %
% Nitrobenzene-d5	72		%	1	06/16/23	AW	30 - 130 %
% Terphenyl-d14	72		%	1	06/16/23	AW	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

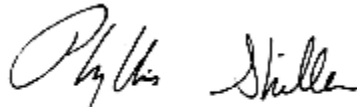
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 20, 2023

Official Report Release To Follow



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 20, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: GROUND WATER
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

06/14/23
 06/15/23

Time

14:00
 16:00

Laboratory Data

SDG ID: GCO29616
 Phoenix ID: CO29620

Project ID: 101-21 101ST STREET QUEENS, NY
 Client ID: MW-1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				06/16/23	X/K/MQ	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/16/23	MH	SW8260C
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,1-Dichloroethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,1-Dichloroethene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,1-Dichloropropene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,2,3-Trichloropropane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,2-Dibromoethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,2-Dichloroethane	ND	0.60	ug/L	1	06/16/23	MH	SW8260C
1,2-Dichloropropane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,3-Dichlorobenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,3-Dichloropropane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
1,4-Dichlorobenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
2,2-Dichloropropane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
2-Chlorotoluene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
2-Hexanone	ND	5.0	ug/L	1	06/16/23	MH	SW8260C
2-Isopropyltoluene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
4-Chlorotoluene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
4-Methyl-2-pentanone	ND	5.0	ug/L	1	06/16/23	MH	SW8260C
Acetone	ND	25	ug/L	1	06/16/23	MH	SW8260C
Acrylonitrile	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Benzene	ND	0.70	ug/L	1	06/16/23	MH	SW8260C
Bromobenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Bromochloromethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Bromodichloromethane	ND	0.50	ug/L	1	06/16/23	MH	SW8260C
Bromoform	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Bromomethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Carbon Disulfide	ND	5.0	ug/L	1	06/16/23	MH	SW8260C
Carbon tetrachloride	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Chlorobenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Chloroethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Chloroform	2.5	1.0	ug/L	1	06/16/23	MH	SW8260C
Chloromethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	06/16/23	MH	SW8260C
Dibromochloromethane	ND	0.50	ug/L	1	06/16/23	MH	SW8260C
Dibromomethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Dichlorodifluoromethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Ethylbenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Hexachlorobutadiene	ND	0.40	ug/L	1	06/16/23	MH	SW8260C
Isopropylbenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
m&p-Xylene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Methyl ethyl ketone	ND	5.0	ug/L	1	06/16/23	MH	SW8260C
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Methylene chloride	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Naphthalene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
n-Butylbenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
n-Propylbenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
o-Xylene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
p-Isopropyltoluene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
sec-Butylbenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Styrene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
tert-Butylbenzene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Tetrachloroethene	5.5	1.0	ug/L	1	06/16/23	MH	SW8260C
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	06/16/23	MH	SW8260C
Toluene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Total Xylenes	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	06/16/23	MH	SW8260C
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	06/16/23	MH	SW8260C
Trichloroethene	5.7	1.0	ug/L	1	06/16/23	MH	SW8260C
Trichlorofluoromethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Trichlorotrifluoroethane	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
Vinyl chloride	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	1	06/16/23	MH	70 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% Bromofluorobenzene	92		%	1	06/16/23	MH	70 - 130 %
% Dibromofluoromethane	95		%	1	06/16/23	MH	70 - 130 %
% Toluene-d8	95		%	1	06/16/23	MH	70 - 130 %

Semivolatiles, Full Scan

1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
1,2-Dichlorobenzene	ND	2.8	ug/L	1	06/20/23	KCA	SW8270D
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
1,3-Dichlorobenzene	ND	2.8	ug/L	1	06/20/23	KCA	SW8270D
1,4-Dichlorobenzene	ND	2.8	ug/L	1	06/20/23	KCA	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	0.94	ug/L	1	06/20/23	KCA	SW8270D
2,4-Dinitrotoluene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
2,6-Dinitrotoluene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
2-Chloronaphthalene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
2-Methylnaphthalene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
2-Nitroaniline	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
3-Nitroaniline	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
4-Chloroaniline	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
4-Nitroaniline	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Acenaphthene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Anthracene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Benzdine	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Benzoic acid	ND	47	ug/L	1	06/20/23	KCA	SW8270D
Benzyl Alcohol	ND	19	ug/L	1	06/20/23	KCA	SW8270D
Benzyl butyl phthalate	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	06/20/23	KCA	SW8270D
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Dibenzofuran	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Diethyl phthalate	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Dimethylphthalate	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Di-n-butylphthalate	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Di-n-octylphthalate	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Fluoranthene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Fluorene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Hexachloroethane	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Isophorone	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Naphthalene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
N-Nitrosodimethylamine	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D
Pyrene	ND	4.7	ug/L	1	06/20/23	KCA	SW8270D

QA/QC Surrogates

% 2-Fluorobiphenyl	64		%	1	06/20/23	KCA	30 - 130 %
% Nitrobenzene-d5	71		%	1	06/20/23	KCA	30 - 130 %
% Terphenyl-d14	69		%	1	06/20/23	KCA	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
<u>Semivolatiles, SIM</u>							
Acenaphthylene	ND	0.47	ug/L	1	06/20/23	AW	SW8270D (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	06/20/23	AW	SW8270D (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	06/20/23	AW	SW8270D (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	06/20/23	AW	SW8270D (SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	06/20/23	AW	SW8270D (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	06/20/23	AW	SW8270D (SIM)
Chrysene	ND	0.02	ug/L	1	06/20/23	AW	SW8270D (SIM)
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	06/20/23	AW	SW8270D (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	06/20/23	AW	SW8270D (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	06/20/23	AW	SW8270D (SIM)
Hexachlorocyclopentadiene	ND	0.47	ug/L	1	06/20/23	AW	SW8270D (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	06/20/23	AW	SW8270D (SIM)
Nitrobenzene	ND	0.38	ug/L	1	06/20/23	AW	SW8270D (SIM)
Phenanthrene	ND	0.47	ug/L	1	06/20/23	AW	SW8270D (SIM)
<u>QA/QC Surrogates</u>							
% 2-Fluorobiphenyl	56		%	1	06/20/23	AW	30 - 130 %
% Nitrobenzene-d5	101		%	1	06/20/23	AW	30 - 130 %
% Terphenyl-d14	74		%	1	06/20/23	AW	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

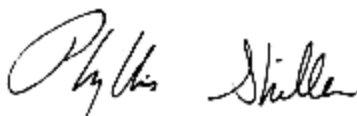
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
 BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 20, 2023

Official Report Release To Follow



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 20, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: SOIL
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date

06/14/23
 06/15/23

Time

11:30
 16:00

Laboratory Data

SDG ID: GCO29616
 Phoenix ID: CO29621

Project ID: 101-21 101ST STREET QUEENS, NY
 Client ID: SP-3 (7.5' -10')

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	1	06/20/23	TH	SW6010D
Aluminum	3070	52	mg/Kg	10	06/20/23	TH	SW6010D
Arsenic	0.96	0.70	mg/Kg	1	06/20/23	TH	SW6010D
Barium	26.4	0.35	mg/Kg	1	06/20/23	TH	SW6010D
Beryllium	< 0.28	0.28	mg/Kg	1	06/20/23	TH	SW6010D
Calcium	407	5.2	mg/Kg	1	06/20/23	TH	SW6010D
Cadmium	0.68	0.35	mg/Kg	1	06/20/23	TH	SW6010D
Cobalt	3.62	0.35	mg/Kg	1	06/20/23	TH	SW6010D
Chromium	12.1	0.35	mg/Kg	1	06/20/23	TH	SW6010D
Copper	8.2	0.7	mg/kg	1	06/20/23	TH	SW6010D
Iron	14600	52	mg/Kg	10	06/20/23	IE	SW6010D
Mercury	< 0.03	0.03	mg/Kg	2	06/16/23	AL1	SW7471B
Potassium	558	5.2	mg/Kg	1	06/20/23	TH	SW6010D
Magnesium	1190	5.2	mg/Kg	1	06/20/23	TH	SW6010D
Manganese	214	3.5	mg/Kg	10	06/20/23	TH	SW6010D
Sodium	57.7	5.2	mg/Kg	1	06/20/23	TH	SW6010D
Nickel	8.78	0.35	mg/Kg	1	06/20/23	TH	SW6010D
Lead	2.52	0.35	mg/Kg	1	06/20/23	TH	SW6010D
Antimony	< 3.5	3.5	mg/Kg	1	06/20/23	TH	SW6010D
Selenium	< 1.4	1.4	mg/Kg	1	06/20/23	TH	SW6010D
Thallium	< 3.1	3.1	mg/Kg	1	06/20/23	TH	SW6010D
Vanadium	12.3	0.35	mg/Kg	1	06/20/23	TH	SW6010D
Zinc	16.0	0.7	mg/Kg	1	06/20/23	TH	SW6010D
Percent Solid	98		%		06/15/23	CV	SW846-%Solid
Field Extraction	Completed				06/14/23		SW5035A
Mercury Digestion	Completed				06/16/23	AL/AL	SW7471B
Soil Extraction for SVOA	Completed				06/15/23	H/M/A	SW3546

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed				06/16/23	P/AG	SW3050B
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,1-Trichloroethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,1,2-Trichloroethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloroethene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,1-Dichloropropene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,3-Trichloropropane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dibromoethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichlorobenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloroethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,2-Dichloropropane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichlorobenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,3-Dichloropropane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
1,4-Dichlorobenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
2,2-Dichloropropane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
2-Chlorotoluene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
2-Hexanone	ND	27	ug/Kg	1	06/16/23	JLI	SW8260C
2-Isopropyltoluene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
4-Chlorotoluene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
4-Methyl-2-pentanone	ND	27	ug/Kg	1	06/16/23	JLI	SW8260C
Acetone	ND	27	ug/Kg	1	06/16/23	JLI	SW8260C
Acrylonitrile	ND	11	ug/Kg	1	06/16/23	JLI	SW8260C
Benzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Bromobenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Bromochloromethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Bromodichloromethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Bromoform	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Bromomethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon Disulfide	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Carbon tetrachloride	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Chlorobenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroform	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Chloromethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromochloromethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Dibromomethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Dichlorodifluoromethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Ethylbenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Hexachlorobutadiene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Isopropylbenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
m&p-Xylene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl Ethyl Ketone	ND	27	ug/Kg	1	06/16/23	JLI	SW8260C
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	1	06/16/23	JLI	SW8260C
Methylene chloride	ND	11	ug/Kg	1	06/16/23	JLI	SW8260C
Naphthalene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
n-Butylbenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
n-Propylbenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
o-Xylene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
p-Isopropyltoluene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
sec-Butylbenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Styrene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
tert-Butylbenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrachloroethene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Tetrahydrofuran (THF)	ND	11	ug/Kg	1	06/16/23	JLI	SW8260C
Toluene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Total Xylenes	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	1	06/16/23	JLI	SW8260C
Trichloroethene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Trichlorofluoromethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Trichlorotrifluoroethane	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
Vinyl chloride	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
<u>QA/QC Surrogates</u>							
% 1,2-dichlorobenzene-d4	100		%	1	06/16/23	JLI	70 - 130 %
% Bromofluorobenzene	95		%	1	06/16/23	JLI	70 - 130 %
% Dibromofluoromethane	97		%	1	06/16/23	JLI	70 - 130 %
% Toluene-d8	97		%	1	06/16/23	JLI	70 - 130 %
<u>Semivolatiles</u>							
1,2-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1,2-Diphenylhydrazine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1,3-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1,4-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2,2'-Oxybis(1-Chloropropane)	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2,4-Dinitrotoluene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2,6-Dinitrotoluene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2-Chloronaphthalene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2-Methylnaphthalene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
2-Nitroaniline	ND	980	ug/Kg	1	06/16/23	AW	SW8270D
3,3'-Dichlorobenzidine	ND	1400	ug/Kg	1	06/16/23	AW	SW8270D
3-Nitroaniline	ND	980	ug/Kg	1	06/16/23	AW	SW8270D
4-Bromophenyl phenyl ether	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
4-Chloroaniline	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
4-Nitroaniline	ND	980	ug/Kg	1	06/16/23	AW	SW8270D
Acenaphthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Acenaphthylene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Anthracene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Benz(a)anthracene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzidine	ND	340	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(a)pyrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(b)fluoranthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(ghi)perylene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzo(k)fluoranthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzoic acid	ND	680	ug/Kg	1	06/16/23	AW	SW8270D
Benzyl alcohol	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Benzyl butyl phthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-chloroethoxy)methane	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-chloroethyl)ether	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Bis(2-ethylhexyl)phthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Chrysene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Dibenzofuran	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Diethyl phthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Dimethylphthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Di-n-butylphthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Di-n-octylphthalate	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Fluoranthene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Fluorene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorobutadiene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachlorocyclopentadiene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Hexachloroethane	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Indeno(1,2,3-cd)pyrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Isophorone	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Naphthalene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Nitrobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodimethylamine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodi-n-propylamine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
N-Nitrosodiphenylamine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Phenanthrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
Pyrene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
QA/QC Surrogates							
% 2-Fluorobiphenyl	47		%	1	06/16/23	AW	30 - 130 %
% Nitrobenzene-d5	49		%	1	06/16/23	AW	30 - 130 %
% Terphenyl-d14	45		%	1	06/16/23	AW	30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

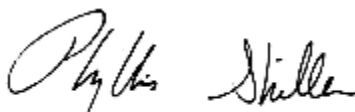
Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY 375 soil criteria for chromium are based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 20, 2023

Official Report Release To Follow

Sample Criteria Exceedances Report GCO29616 - TOUCHSTONE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CO29616	\$8260SMRNY	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	650	470	470	470	ug/Kg
CO29616	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	137	6.7	50	50	mg/kg
CO29616	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.23	0.03	0.18	0.18	mg/Kg
CO29616	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	471	3.3	63	63	mg/Kg
CO29616	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	267	6.7	109	109	mg/Kg
CO29619	\$8260SMRNY	Trichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	5800	500	470	470	ug/Kg
CO29619	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	505	3.7	63	63	mg/Kg
CO29619	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	223	7.3	109	109	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: Makrina Nolan, makrina@phoenixlabs.com, Fax (860) 645-0823
 Client Services (860) 645-3219

Cooler: Yes No
 Coolant: IPK ICE No
 Temp / °C Pg of

Contact Options:

Phone:
 Fax:
 Email:

Customer: Touchstone Environmental Project: 101-21 101st street Queens, NY Project P.O.:

Address: _____ Report to: _____
 Invoice to: _____
 QUOTE #: _____

This section **MUST** be completed with **# Bottle Quantities.**

Client Sample - Information - Identification

Samplers Signature: [Signature] Date: 6/14/23

Matrix Code: _____
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
 OIL=Oil B=Bulk L=Liquid

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
29616	SP-1(2.5'-5')	S	6/14/23	10:30	X
29617	SP-2 (10'-12.5')	S		11:00	X
29618	SP-4 (10'-12.5')	S		12:30	X
29619	SP-5 (2.5'-5')	S		13:00	X
29620	MW-1	GW		14:00	X
29621	SP-3 (2.5'-10')	S		14:30	X
	SUPPLEMENTATION				

Analysis Request
 WGS EPA 820
 5 WGS EPA 820 B1

Relinquished by: [Signature] Accepted by: [Signature]

Date: 6-15-23 Time: 11:34

Turnaround: 1 Day* 2 Days* 3 Days* 5 Days 10 Days Other

PA Clean Fill Limits PA-GW Reg Fill Limits PA Soil Restricted PA Soil non-restricted

NY TOGS 3W CP-51 SOIL 375SCO Unrestricted Soil 375SCO Residential Soil 375SCO Residential #Restricted Soil 375SCO #Commercial Soil 375SCO #Industrial Soil #Subpart 5 DW

NJ Res. Criteria Non-Res. Criteria Impact to GW Soil #Cleanup Criteria Impact to GW soil screen Criteria GW Criteria

Data Package: NJ Reduced Deliv.* NY Enhanced (ASP B)*

Comments, Special Requirements or Regulations:
 Added TAC METALS to all soil samples per M.L. SW

Data Format: #Phoenix Std Report EQUIS NJ Hazsite EDD Excel PDF GIS/Key

GCO 29616

Shannon Wilhelm

From: Michael Lapman
Sent: Thursday, June 15, 2023 4:18 PM
To: Shannon Wilhelm
Subject: FW: COCs
Attachments: 20230615122259.pdf

Shannon:

For 101-21 101st Street Touchstone would like TAL Metals added to all of the soil samples, thank you.

Regards,
Michael Lapman
Phoenix Environmental Laboratories, Inc.
587 East Middle Turnpike
Manchester, CT 06040
Direct Line: 917.449.0850
www.phoenixlabs.com



This message, including any attachments hereto, may contain privileged or confidential information and is sent solely for the attention and use of the intended addressee(s). If you are not an intended addressee, you may neither use this message nor copy or deliver it to anyone. In such case, you should immediately destroy this message and kindly notify the sender by reply email. Thank you.

From: Shannon Wilhelm <shannon@phoenixlabs.com>
Date: Thursday, June 15, 2023 at 1:24 PM
To: Michael Lapman <michael@phoenixlabs.com>
Subject: RE: COCs

Shannon Wilhelm
Client Services Representative
Phoenix Environmental Laboratories
587 East Middle Turnpike
Manchester CT 06040
860-645-1102

From: Michael Lapman <michael@phoenixlabs.com>
Sent: Thursday, June 15, 2023 8:55 AM
To: Shannon Wilhelm <shannon@phoenixlabs.com>
Subject: COCs

Shannon:



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 22, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: AIR
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 11287

Custody Information

Collected by: FA
 Received by: SR1
 Analyzed by: see "By" below

Date

06/15/23
 06/16/23

Time

11:35
 19:00

Laboratory Data

SDG ID: GCO31117
 Phoenix ID: CO31117

Project ID: 101-21 101ST STREET QUEENS
 Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	06/16/23	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	06/16/23	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	06/16/23	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	06/16/23	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	06/16/23	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	06/16/23	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	06/16/23	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	06/16/23	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	06/16/23	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	06/16/23	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	06/16/23	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	06/16/23	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	06/16/23	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	06/16/23	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	06/16/23	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	06/16/23	KCA	1
1,4-Dichlorobenzene	2.39	0.166	14.4	1.00	06/16/23	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	06/16/23	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	06/16/23	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	06/16/23	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	06/16/23	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	06/16/23	KCA	1
Acetone	8.52	0.421	20.2	1.00	06/16/23	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	06/16/23	KCA	1
Benzene	ND	0.313	ND	1.00	06/16/23	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	06/16/23	KCA	1

Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	06/16/23	KCA	1
Bromoform	ND	0.097	ND	1.00	06/16/23	KCA	1
Bromomethane	ND	0.258	ND	1.00	06/16/23	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	06/16/23	KCA	1
Carbon Tetrachloride	0.064	0.032	0.40	0.20	06/16/23	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	06/16/23	KCA	1
Chloroethane	ND	0.379	ND	1.00	06/16/23	KCA	1
Chloroform	ND	0.205	ND	1.00	06/16/23	KCA	1
Chloromethane	ND	0.485	ND	1.00	06/16/23	KCA	1
Cis-1,2-Dichloroethene	0.058	0.051	0.23	0.20	06/16/23	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	06/16/23	KCA	1
Cyclohexane	ND	0.291	ND	1.00	06/16/23	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	06/16/23	KCA	1
Dichlorodifluoromethane	0.390	0.202	1.93	1.00	06/16/23	KCA	1
Ethanol	13.8	0.531	26.0	1.00	06/16/23	KCA	1
Ethyl acetate	ND	0.278	ND	1.00	06/16/23	KCA	1
Ethylbenzene	ND	0.230	ND	1.00	06/16/23	KCA	1
Heptane	ND	0.244	ND	1.00	06/16/23	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	06/16/23	KCA	1
Hexane	ND	0.284	ND	1.00	06/16/23	KCA	1
Isopropylalcohol	1.28	0.407	3.14	1.00	06/16/23	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	06/16/23	KCA	1
m,p-Xylene	0.471	0.230	2.04	1.00	06/16/23	KCA	1
Methyl Ethyl Ketone	0.416	0.339	1.23	1.00	06/16/23	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	06/16/23	KCA	1
Methylene Chloride	ND	0.863	ND	3.00	06/16/23	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	06/16/23	KCA	1
o-Xylene	ND	0.230	ND	1.00	06/16/23	KCA	1
Propylene	ND	0.581	ND	1.00	06/16/23	KCA	1
sec-Butylbenzene	ND	0.182	ND	1.00	06/16/23	KCA	1
Styrene	ND	0.235	ND	1.00	06/16/23	KCA	1
Tetrachloroethene	1.96	0.037	13.3	0.25	06/16/23	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	06/16/23	KCA	1
Toluene	0.562	0.266	2.12	1.00	06/16/23	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	06/16/23	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	06/16/23	KCA	1
Trichloroethene	0.397	0.037	2.13	0.20	06/16/23	KCA	1
Trichlorofluoromethane	0.183	0.178	1.03	1.00	06/16/23	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	06/16/23	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	06/16/23	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	103	%	103	%	06/16/23	KCA	1
% IS-1,4-Difluorobenzene	104	%	104	%	06/16/23	KCA	1
% IS-Bromochloromethane	107	%	107	%	06/16/23	KCA	1
% IS-Chlorobenzene-d5	105	%	105	%	06/16/23	KCA	1

Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 22, 2023

Official Report Release To Follow



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 22, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: AIR
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 21345

Custody Information

Collected by: FA
 Received by: SR1
 Analyzed by: see "By" below

Date: 06/15/23 12:05
 06/16/23 19:00

Laboratory Data

SDG ID: GCO31117
 Phoenix ID: CO31118

Project ID: 101-21 101ST STREET QUEENS
 Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5
1,1,1-Trichloroethane	11.4	0.917	62.2	5.00	06/17/23	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5
1,1,2-Trichloroethane	ND	0.917	ND	5.00	06/17/23	KCA	5
1,1-Dichloroethane	ND	1.24	ND	5.02	06/17/23	KCA	5
1,1-Dichloroethene	ND	0.252	ND	1.00	06/17/23	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	06/17/23	KCA	5
1,2,4-Trimethylbenzene	1.88	1.02	9.24	5.01	06/17/23	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	06/17/23	KCA	5
1,2-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5
1,2-Dichloroethane	ND	1.24	ND	5.02	06/17/23	KCA	5
1,2-dichloropropane	ND	1.08	ND	4.99	06/17/23	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	06/17/23	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5
1,3-Butadiene	ND	2.26	ND	5.00	06/17/23	KCA	5
1,3-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5
1,4-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5
1,4-Dioxane	ND	1.39	ND	5.01	06/17/23	KCA	5
2-Hexanone(MBK)	ND	1.22	ND	4.99	06/17/23	KCA	5
4-Ethyltoluene	ND	1.02	ND	5.01	06/17/23	KCA	5
4-Isopropyltoluene	ND	0.911	ND	5.00	06/17/23	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	06/17/23	KCA	5
Acetone	59.6	2.11	141	5.01	06/17/23	KCA	5
Acrylonitrile	ND	2.31	ND	5.01	06/17/23	KCA	5
Benzene	ND	1.57	ND	5.01	06/17/23	KCA	5
Benzyl chloride	ND	0.966	ND	5.00	06/17/23	KCA	5

Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	ND	5.00	06/17/23	KCA	5
Bromoform	ND	0.484	ND	5.00	06/17/23	KCA	5
Bromomethane	ND	1.29	ND	5.01	06/17/23	KCA	5
Carbon Disulfide	ND	1.61	ND	5.01	06/17/23	KCA	5
Carbon Tetrachloride	ND	0.159	ND	1.00	06/17/23	KCA	5
Chlorobenzene	ND	1.09	ND	5.01	06/17/23	KCA	5
Chloroethane	ND	1.90	ND	5.01	06/17/23	KCA	5
Chloroform	2.27	1.02	11.1	4.98	06/17/23	KCA	5
Chloromethane	ND	2.42	ND	4.99	06/17/23	KCA	5
Cis-1,2-Dichloroethene	5.38	0.252	21.3	1.00	06/17/23	KCA	5
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	06/17/23	KCA	5
Cyclohexane	ND	1.45	ND	4.99	06/17/23	KCA	5
Dibromochloromethane	ND	0.587	ND	5.00	06/17/23	KCA	5
Dichlorodifluoromethane	ND	1.01	ND	4.99	06/17/23	KCA	5
Ethanol	12.4	2.66	23.4	5.01	06/17/23	KCA	5
Ethyl acetate	ND	1.39	ND	5.01	06/17/23	KCA	5
Ethylbenzene	ND	1.15	ND	4.99	06/17/23	KCA	5
Heptane	ND	1.22	ND	5.00	06/17/23	KCA	5
Hexachlorobutadiene	ND	0.469	ND	5.00	06/17/23	KCA	5
Hexane	ND	1.42	ND	5.00	06/17/23	KCA	5
Isopropylalcohol	2.12	2.04	5.21	5.01	06/17/23	KCA	5
Isopropylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5
m,p-Xylene	ND	1.15	ND	4.99	06/17/23	KCA	5
Methyl Ethyl Ketone	ND	1.70	ND	5.01	06/17/23	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	06/17/23	KCA	5
Methylene Chloride	ND	4.32	ND	15.0	06/17/23	KCA	5
n-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5
o-Xylene	ND	1.15	ND	4.99	06/17/23	KCA	5
Propylene	ND	2.91	ND	5.01	06/17/23	KCA	5
sec-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5
Styrene	ND	1.17	ND	4.98	06/17/23	KCA	5
Tetrachloroethene	12.6	0.184	85.4	1.25	06/17/23	KCA	5
Tetrahydrofuran	ND	1.70	ND	5.01	06/17/23	KCA	5
Toluene	2.02	1.33	7.61	5.01	06/17/23	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	06/17/23	KCA	5
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	06/17/23	KCA	5
Trichloroethene	2120	2.78	11400	14.9	06/21/23	KCA	75
Trichlorofluoromethane	ND	0.891	ND	5.00	06/17/23	KCA	5
Trichlorotrifluoroethane	ND	0.653	ND	5.00	06/17/23	KCA	5
Vinyl Chloride	ND	0.390	ND	1.00	06/17/23	KCA	5
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene (5x)	104	%	104	%	06/17/23	KCA	5
% IS-1,4-Difluorobenzene (5x)	91	%	91	%	06/17/23	KCA	5
% IS-Bromochloromethane (5x)	91	%	91	%	06/17/23	KCA	5
% IS-Chlorobenzene-d5 (5x)	94	%	94	%	06/17/23	KCA	5
% Bromofluorobenzene (75x)	101	%	101	%	06/21/23	KCA	75
% IS-1,4-Difluorobenzene (75x)	97	%	97	%	06/21/23	KCA	75
% IS-Bromochloromethane (75x)	98	%	98	%	06/21/23	KCA	75
% IS-Chlorobenzene-d5 (75x)	98	%	98	%	06/21/23	KCA	75

Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

June 22, 2023

Official Report Release To Follow



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 22, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: AIR
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 28605

Custody Information

Collected by: FA
 Received by: SR1
 Analyzed by: see "By" below

Date

06/15/23
 06/16/23

Time

11:30
 19:00

Laboratory Data

SDG ID: GCO31117
 Phoenix ID: CO31119

Project ID: 101-21 101ST STREET QUEENS
 Client ID: SS-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5	1
1,1,1-Trichloroethane	ND	0.917	ND	5.00	06/17/23	KCA	5	
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5	
1,1,2-Trichloroethane	ND	0.917	ND	5.00	06/17/23	KCA	5	
1,1-Dichloroethane	ND	1.24	ND	5.02	06/17/23	KCA	5	
1,1-Dichloroethene	ND	0.252	ND	1.00	06/17/23	KCA	5	
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	06/17/23	KCA	5	
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5	
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	06/17/23	KCA	5	
1,2-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5	
1,2-Dichloroethane	ND	1.24	ND	5.02	06/17/23	KCA	5	
1,2-dichloropropane	ND	1.08	ND	4.99	06/17/23	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	06/17/23	KCA	5	
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5	
1,3-Butadiene	ND	2.26	ND	5.00	06/17/23	KCA	5	
1,3-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5	
1,4-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5	
1,4-Dioxane	ND	1.39	ND	5.01	06/17/23	KCA	5	
2-Hexanone(MBK)	ND	1.22	ND	4.99	06/17/23	KCA	5	1
4-Ethyltoluene	ND	1.02	ND	5.01	06/17/23	KCA	5	1
4-Isopropyltoluene	ND	0.911	ND	5.00	06/17/23	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	06/17/23	KCA	5	
Acetone	10.3	2.11	24.5	5.01	06/17/23	KCA	5	
Acrylonitrile	ND	2.31	ND	5.01	06/17/23	KCA	5	
Benzene	ND	1.57	ND	5.01	06/17/23	KCA	5	
Benzyl chloride	ND	0.966	ND	5.00	06/17/23	KCA	5	

Client ID: SS-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	ND	5.00	06/17/23	KCA	5
Bromoform	ND	0.484	ND	5.00	06/17/23	KCA	5
Bromomethane	ND	1.29	ND	5.01	06/17/23	KCA	5
Carbon Disulfide	ND	1.61	ND	5.01	06/17/23	KCA	5
Carbon Tetrachloride	ND	0.159	ND	1.00	06/17/23	KCA	5
Chlorobenzene	ND	1.09	ND	5.01	06/17/23	KCA	5
Chloroethane	ND	1.90	ND	5.01	06/17/23	KCA	5
Chloroform	3.90	1.02	19.0	4.98	06/17/23	KCA	5
Chloromethane	ND	2.42	ND	4.99	06/17/23	KCA	5
Cis-1,2-Dichloroethene	1.99	0.252	7.89	1.00	06/17/23	KCA	5
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	06/17/23	KCA	5
Cyclohexane	ND	1.45	ND	4.99	06/17/23	KCA	5
Dibromochloromethane	ND	0.587	ND	5.00	06/17/23	KCA	5
Dichlorodifluoromethane	ND	1.01	ND	4.99	06/17/23	KCA	5
Ethanol	5.89	2.66	11.1	5.01	06/17/23	KCA	5
Ethyl acetate	ND	1.39	ND	5.01	06/17/23	KCA	5
Ethylbenzene	ND	1.15	ND	4.99	06/17/23	KCA	5
Heptane	ND	1.22	ND	5.00	06/17/23	KCA	5
Hexachlorobutadiene	ND	0.469	ND	5.00	06/17/23	KCA	5
Hexane	ND	1.42	ND	5.00	06/17/23	KCA	5
Isopropylalcohol	ND	2.04	ND	5.01	06/17/23	KCA	5
Isopropylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5
m,p-Xylene	ND	1.15	ND	4.99	06/17/23	KCA	5
Methyl Ethyl Ketone	2.82	1.70	8.31	5.01	06/17/23	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	06/17/23	KCA	5
Methylene Chloride	ND	4.32	ND	15.0	06/17/23	KCA	5
n-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5
o-Xylene	ND	1.15	ND	4.99	06/17/23	KCA	5
Propylene	4.13	2.91	7.10	5.01	06/17/23	KCA	5
sec-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5
Styrene	ND	1.17	ND	4.98	06/17/23	KCA	5
Tetrachloroethene	640	1.11	4340	7.52	06/21/23	KCA	30
Tetrahydrofuran	ND	1.70	ND	5.01	06/17/23	KCA	5
Toluene	ND	1.33	ND	5.01	06/17/23	KCA	5
Trans-1,2-Dichloroethene	ND	1.26	ND	4.99	06/17/23	KCA	5
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	06/17/23	KCA	5
Trichloroethene	468	1.11	2510	5.96	06/21/23	KCA	30
Trichlorofluoromethane	ND	0.891	ND	5.00	06/17/23	KCA	5
Trichlorotrifluoroethane	ND	0.653	ND	5.00	06/17/23	KCA	5
Vinyl Chloride	ND	0.390	ND	1.00	06/17/23	KCA	5
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene (5x)	102	%	102	%	06/17/23	KCA	5
% IS-1,4-Difluorobenzene (5x)	93	%	93	%	06/17/23	KCA	5
% IS-Bromochloromethane (5x)	94	%	94	%	06/17/23	KCA	5
% IS-Chlorobenzene-d5 (5x)	95	%	95	%	06/17/23	KCA	5
% Bromofluorobenzene (30x)	99	%	99	%	06/21/23	KCA	30
% IS-1,4-Difluorobenzene (30x)	95	%	95	%	06/21/23	KCA	30
% IS-Bromochloromethane (30x)	98	%	98	%	06/21/23	KCA	30
% IS-Chlorobenzene-d5 (30x)	97	%	97	%	06/21/23	KCA	30

Client ID: SS-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

June 22, 2023

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Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 22, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: AIR
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 235

Custody Information

Collected by: FA
 Received by: SR1
 Analyzed by: see "By" below

Date: 06/15/23 12:30
 06/16/23 19:00

Laboratory Data

SDG ID: GCO31117
 Phoenix ID: CO31120

Project ID: 101-21 101ST STREET QUEENS
 Client ID: SS-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5
1,1,1-Trichloroethane	9.50	0.917	51.8	5.00	06/17/23	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5
1,1,2-Trichloroethane	ND	0.917	ND	5.00	06/17/23	KCA	5
1,1-Dichloroethane	ND	1.24	ND	5.02	06/17/23	KCA	5
1,1-Dichloroethene	ND	0.252	ND	1.00	06/17/23	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	06/17/23	KCA	5
1,2,4-Trimethylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	06/17/23	KCA	5
1,2-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5
1,2-Dichloroethane	ND	1.24	ND	5.02	06/17/23	KCA	5
1,2-dichloropropane	ND	1.08	ND	4.99	06/17/23	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	06/17/23	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5
1,3-Butadiene	ND	2.26	ND	5.00	06/17/23	KCA	5
1,3-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5
1,4-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5
1,4-Dioxane	ND	1.39	ND	5.01	06/17/23	KCA	5
2-Hexanone(MBK)	1.52	1.22	6.22	4.99	06/17/23	KCA	5
4-Ethyltoluene	ND	1.02	ND	5.01	06/17/23	KCA	5
4-Isopropyltoluene	ND	0.911	ND	5.00	06/17/23	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	06/17/23	KCA	5
Acetone	10.5	2.11	24.9	5.01	06/17/23	KCA	5
Acrylonitrile	ND	2.31	ND	5.01	06/17/23	KCA	5
Benzene	2.15	1.57	6.86	5.01	06/17/23	KCA	5
Benzyl chloride	ND	0.966	ND	5.00	06/17/23	KCA	5

Client ID: SS-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	48.7	0.747	326	5.00	06/17/23	KCA	5
Bromoform	ND	0.484	ND	5.00	06/17/23	KCA	5
Bromomethane	ND	1.29	ND	5.01	06/17/23	KCA	5
Carbon Disulfide	ND	1.61	ND	5.01	06/17/23	KCA	5
Carbon Tetrachloride	ND	0.159	ND	1.00	06/17/23	KCA	5
Chlorobenzene	ND	1.09	ND	5.01	06/17/23	KCA	5
Chloroethane	ND	1.90	ND	5.01	06/17/23	KCA	5
Chloroform	8.24	1.02	40.2	4.98	06/17/23	KCA	5
Chloromethane	ND	2.42	ND	4.99	06/17/23	KCA	5
Cis-1,2-Dichloroethene	128	0.252	507	1.00	06/17/23	KCA	5
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	06/17/23	KCA	5
Cyclohexane	ND	1.45	ND	4.99	06/17/23	KCA	5
Dibromochloromethane	ND	0.587	ND	5.00	06/17/23	KCA	5
Dichlorodifluoromethane	1.44	1.01	7.12	4.99	06/17/23	KCA	5
Ethanol	4.74	2.66	8.93	5.01	06/17/23	KCA	5
Ethyl acetate	ND	1.39	ND	5.01	06/17/23	KCA	5
Ethylbenzene	ND	1.15	ND	4.99	06/17/23	KCA	5
Heptane	ND	1.22	ND	5.00	06/17/23	KCA	5
Hexachlorobutadiene	ND	0.469	ND	5.00	06/17/23	KCA	5
Hexane	ND	1.42	ND	5.00	06/17/23	KCA	5
Isopropylalcohol	ND	2.04	ND	5.01	06/17/23	KCA	5
Isopropylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5
m,p-Xylene	ND	1.15	ND	4.99	06/17/23	KCA	5
Methyl Ethyl Ketone	9.62	1.70	28.4	5.01	06/17/23	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	06/17/23	KCA	5
Methylene Chloride	ND	4.32	ND	15.0	06/17/23	KCA	5
n-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5
o-Xylene	ND	1.15	ND	4.99	06/17/23	KCA	5
Propylene	16.8	2.91	28.9	5.01	06/17/23	KCA	5
sec-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5
Styrene	ND	1.17	ND	4.98	06/17/23	KCA	5
Tetrachloroethene	148	0.184	1000	1.25	06/17/23	KCA	5
Tetrahydrofuran	ND	1.70	ND	5.01	06/17/23	KCA	5
Toluene	ND	1.33	ND	5.01	06/17/23	KCA	5
Trans-1,2-Dichloroethene	6.28	1.26	24.9	4.99	06/17/23	KCA	5
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	06/17/23	KCA	5
Trichloroethene	9120	27.8	49000	149	06/22/23	KCA	750
Trichlorofluoromethane	ND	0.891	ND	5.00	06/17/23	KCA	5
Trichlorotrifluoroethane	ND	0.653	ND	5.00	06/17/23	KCA	5
Vinyl Chloride	ND	0.390	ND	1.00	06/17/23	KCA	5
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene (5x)	103	%	103	%	06/17/23	KCA	5
% IS-1,4-Difluorobenzene (5x)	89	%	89	%	06/17/23	KCA	5
% IS-Bromochloromethane (5x)	91	%	91	%	06/17/23	KCA	5
% IS-Chlorobenzene-d5 (5x)	93	%	93	%	06/17/23	KCA	5
% Bromofluorobenzene (75x)	100	%	100	%	06/21/23	KCA	75
% IS-1,4-Difluorobenzene (75x)	93	%	93	%	06/21/23	KCA	75
% IS-Bromochloromethane (75x)	96	%	96	%	06/21/23	KCA	75
% IS-Chlorobenzene-d5 (75x)	95	%	95	%	06/21/23	KCA	75

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% Bromofluorobenzene (750x)	99	%	99	%	06/22/23	KCA	750
% IS-1,4-Difluorobenzene (750x)	111	%	111	%	06/22/23	KCA	750
% IS-Bromochloromethane (750x)	109	%	109	%	06/22/23	KCA	750
% IS-Chlorobenzene-d5 (750x)	113	%	113	%	06/22/23	KCA	750

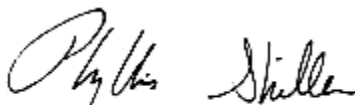
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

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Phyllis Shiller, Laboratory Director

June 22, 2023

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 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 22, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: AIR
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 7304

Custody Information

Collected by: FA
 Received by: SR1
 Analyzed by: see "By" below

Date: 06/15/23 11:45
 06/16/23 19:00

Laboratory Data

SDG ID: GCO31117
 Phoenix ID: CO31121

Project ID: 101-21 101ST STREET QUEENS
 Client ID: OA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	06/16/23	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	06/16/23	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	06/16/23	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	06/16/23	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	06/16/23	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	06/16/23	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	06/16/23	KCA	1
1,2,4-Trimethylbenzene	ND	0.204	ND	1.00	06/16/23	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	06/16/23	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	06/16/23	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	06/16/23	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	06/16/23	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	06/16/23	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	06/16/23	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	06/16/23	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	06/16/23	KCA	1
1,4-Dichlorobenzene	ND	0.166	ND	1.00	06/16/23	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	06/16/23	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	06/16/23	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	06/16/23	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	06/16/23	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	06/16/23	KCA	1
Acetone	3.53	0.421	8.38	1.00	06/16/23	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	06/16/23	KCA	1
Benzene	ND	0.313	ND	1.00	06/16/23	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	06/16/23	KCA	1

Client ID: OA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	06/16/23	KCA	1
Bromoform	ND	0.097	ND	1.00	06/16/23	KCA	1
Bromomethane	ND	0.258	ND	1.00	06/16/23	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	06/16/23	KCA	1
Carbon Tetrachloride	0.067	0.032	0.42	0.20	06/16/23	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	06/16/23	KCA	1
Chloroethane	ND	0.379	ND	1.00	06/16/23	KCA	1
Chloroform	ND	0.205	ND	1.00	06/16/23	KCA	1
Chloromethane	0.488	0.485	1.01	1.00	06/16/23	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	06/16/23	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	06/16/23	KCA	1
Cyclohexane	ND	0.291	ND	1.00	06/16/23	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	06/16/23	KCA	1
Dichlorodifluoromethane	0.424	0.202	2.10	1.00	06/16/23	KCA	1
Ethanol	4.16	0.531	7.83	1.00	06/16/23	KCA	1
Ethyl acetate	ND	0.278	ND	1.00	06/16/23	KCA	1
Ethylbenzene	ND	0.230	ND	1.00	06/16/23	KCA	1
Heptane	ND	0.244	ND	1.00	06/16/23	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	06/16/23	KCA	1
Hexane	ND	0.284	ND	1.00	06/16/23	KCA	1
Isopropylalcohol	0.547	0.407	1.34	1.00	06/16/23	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	06/16/23	KCA	1
m,p-Xylene	ND	0.230	ND	1.00	06/16/23	KCA	1
Methyl Ethyl Ketone	ND	0.339	ND	1.00	06/16/23	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	06/16/23	KCA	1
Methylene Chloride	ND	0.863	ND	3.00	06/16/23	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	06/16/23	KCA	1
o-Xylene	ND	0.230	ND	1.00	06/16/23	KCA	1
Propylene	ND	0.581	ND	1.00	06/16/23	KCA	1
sec-Butylbenzene	ND	0.182	ND	1.00	06/16/23	KCA	1
Styrene	ND	0.235	ND	1.00	06/16/23	KCA	1
Tetrachloroethene	1.86	0.037	12.6	0.25	06/16/23	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	06/16/23	KCA	1
Toluene	0.449	0.266	1.69	1.00	06/16/23	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	06/16/23	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	06/16/23	KCA	1
Trichloroethene	ND	0.037	ND	0.20	06/16/23	KCA	1
Trichlorofluoromethane	0.182	0.178	1.02	1.00	06/16/23	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	06/16/23	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	06/16/23	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	105	%	105	%	06/16/23	KCA	1
% IS-1,4-Difluorobenzene	96	%	96	%	06/16/23	KCA	1
% IS-Bromochloromethane	97	%	97	%	06/16/23	KCA	1
% IS-Chlorobenzene-d5	96	%	96	%	06/16/23	KCA	1

Client ID: OA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 22, 2023

Official Report Release To Follow



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 22, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: AIR
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 4609

Custody Information

Collected by: FA
 Received by: SR1
 Analyzed by: see "By" below

Date

06/15/23
 06/16/23

Time

12:00
 19:00

Laboratory Data

SDG ID: GCO31117
 Phoenix ID: CO31122

Project ID: 101-21 101ST STREET QUEENS
 Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5
1,1,1-Trichloroethane	4.80	0.917	26.2	5.00	06/17/23	KCA	5
1,1,2,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5
1,1,2-Trichloroethane	ND	0.917	ND	5.00	06/17/23	KCA	5
1,1-Dichloroethane	ND	1.24	ND	5.02	06/17/23	KCA	5
1,1-Dichloroethene	ND	0.252	ND	1.00	06/17/23	KCA	5
1,2,4-Trichlorobenzene	ND	0.674	ND	5.00	06/17/23	KCA	5
1,2,4-Trimethylbenzene	1.32	1.02	6.49	5.01	06/17/23	KCA	5
1,2-Dibromoethane(EDB)	ND	0.651	ND	5.00	06/17/23	KCA	5
1,2-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5
1,2-Dichloroethane	ND	1.24	ND	5.02	06/17/23	KCA	5
1,2-dichloropropane	ND	1.08	ND	4.99	06/17/23	KCA	5
1,2-Dichlorotetrafluoroethane	ND	0.716	ND	5.00	06/17/23	KCA	5
1,3,5-Trimethylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5
1,3-Butadiene	ND	2.26	ND	5.00	06/17/23	KCA	5
1,3-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5
1,4-Dichlorobenzene	ND	0.832	ND	5.00	06/17/23	KCA	5
1,4-Dioxane	ND	1.39	ND	5.01	06/17/23	KCA	5
2-Hexanone(MBK)	ND	1.22	ND	4.99	06/17/23	KCA	5
4-Ethyltoluene	ND	1.02	ND	5.01	06/17/23	KCA	5
4-Isopropyltoluene	ND	0.911	ND	5.00	06/17/23	KCA	5
4-Methyl-2-pentanone(MIBK)	ND	1.22	ND	4.99	06/17/23	KCA	5
Acetone	46.5	2.11	110	5.01	06/17/23	KCA	5
Acrylonitrile	ND	2.31	ND	5.01	06/17/23	KCA	5
Benzene	ND	1.57	ND	5.01	06/17/23	KCA	5
Benzyl chloride	ND	0.966	ND	5.00	06/17/23	KCA	5

Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.747	ND	5.00	06/17/23	KCA	5
Bromoform	ND	0.484	ND	5.00	06/17/23	KCA	5
Bromomethane	ND	1.29	ND	5.01	06/17/23	KCA	5
Carbon Disulfide	ND	1.61	ND	5.01	06/17/23	KCA	5
Carbon Tetrachloride	ND	0.159	ND	1.00	06/17/23	KCA	5
Chlorobenzene	ND	1.09	ND	5.01	06/17/23	KCA	5
Chloroethane	ND	1.90	ND	5.01	06/17/23	KCA	5
Chloroform	4.00	1.02	19.5	4.98	06/17/23	KCA	5
Chloromethane	ND	2.42	ND	4.99	06/17/23	KCA	5
Cis-1,2-Dichloroethene	25.0	0.252	99.1	1.00	06/17/23	KCA	5
cis-1,3-Dichloropropene	ND	1.10	ND	4.99	06/17/23	KCA	5
Cyclohexane	ND	1.45	ND	4.99	06/17/23	KCA	5
Dibromochloromethane	ND	0.587	ND	5.00	06/17/23	KCA	5
Dichlorodifluoromethane	ND	1.01	ND	4.99	06/17/23	KCA	5
Ethanol	5.90	2.66	11.1	5.01	06/17/23	KCA	5
Ethyl acetate	ND	1.39	ND	5.01	06/17/23	KCA	5
Ethylbenzene	ND	1.15	ND	4.99	06/17/23	KCA	5
Heptane	ND	1.22	ND	5.00	06/17/23	KCA	5
Hexachlorobutadiene	ND	0.469	ND	5.00	06/17/23	KCA	5
Hexane	ND	1.42	ND	5.00	06/17/23	KCA	5
Isopropylalcohol	3.07	2.04	7.54	5.01	06/17/23	KCA	5
Isopropylbenzene	ND	1.02	ND	5.01	06/17/23	KCA	5
m,p-Xylene	ND	1.15	ND	4.99	06/17/23	KCA	5
Methyl Ethyl Ketone	2.37	1.70	6.99	5.01	06/17/23	KCA	5
Methyl tert-butyl ether(MTBE)	ND	1.39	ND	5.01	06/17/23	KCA	5
Methylene Chloride	ND	4.32	ND	15.0	06/17/23	KCA	5
n-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5
o-Xylene	ND	1.15	ND	4.99	06/17/23	KCA	5
Propylene	4.35	2.91	7.48	5.01	06/17/23	KCA	5
sec-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5
Styrene	ND	1.17	ND	4.98	06/17/23	KCA	5
Tetrachloroethene	126	0.184	854	1.25	06/17/23	KCA	5
Tetrahydrofuran	ND	1.70	ND	5.01	06/17/23	KCA	5
Toluene	1.48	1.33	5.57	5.01	06/17/23	KCA	5
Trans-1,2-Dichloroethene	1.94	1.26	7.69	4.99	06/17/23	KCA	5
trans-1,3-Dichloropropene	ND	1.10	ND	4.99	06/17/23	KCA	5
Trichloroethene	1180	1.11	6340	5.96	06/21/23	KCA	30
Trichlorofluoromethane	ND	0.891	ND	5.00	06/17/23	KCA	5
Trichlorotrifluoroethane	ND	0.653	ND	5.00	06/17/23	KCA	5
Vinyl Chloride	ND	0.390	ND	1.00	06/17/23	KCA	5
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene (5x)	105	%	105	%	06/17/23	KCA	5
% IS-1,4-Difluorobenzene (5x)	91	%	91	%	06/17/23	KCA	5
% IS-Bromochloromethane (5x)	92	%	92	%	06/17/23	KCA	5
% IS-Chlorobenzene-d5 (5x)	93	%	93	%	06/17/23	KCA	5
% Bromofluorobenzene (30x)	99	%	99	%	06/21/23	KCA	30
% IS-1,4-Difluorobenzene (30x)	94	%	94	%	06/21/23	KCA	30
% IS-Bromochloromethane (30x)	97	%	97	%	06/21/23	KCA	30
% IS-Chlorobenzene-d5 (30x)	96	%	96	%	06/21/23	KCA	30

Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

June 22, 2023

Official Report Release To Follow



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

June 22, 2023

FOR: Attn: Rachel Ataman
 Touchstone Environmental Geology, PC
 1919 Middle Country Road
 Centereach, NY 11720

Sample Information

Matrix: AIR
 Location Code: TOUCHSTONE
 Rush Request: 72 Hour
 P.O.#:
 Canister Id: 28609

Custody Information

Collected by: FA
 Received by: SR1
 Analyzed by: see "By" below

Date: 06/15/23 11:40
 06/16/23 19:00

Laboratory Data

SDG ID: GCO31117
 Phoenix ID: CO31123

Project ID: 101-21 101ST STREET QUEENS
 Client ID: IA-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	06/16/23	KCA	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	06/16/23	KCA	1
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	06/16/23	KCA	1
1,1,2-Trichloroethane	ND	0.183	ND	1.00	06/16/23	KCA	1
1,1-Dichloroethane	ND	0.247	ND	1.00	06/16/23	KCA	1
1,1-Dichloroethene	ND	0.051	ND	0.20	06/16/23	KCA	1
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	06/16/23	KCA	1
1,2,4-Trimethylbenzene	0.247	0.204	1.21	1.00	06/16/23	KCA	1
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	06/16/23	KCA	1
1,2-Dichlorobenzene	ND	0.166	ND	1.00	06/16/23	KCA	1
1,2-Dichloroethane	ND	0.247	ND	1.00	06/16/23	KCA	1
1,2-dichloropropane	ND	0.217	ND	1.00	06/16/23	KCA	1
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	06/16/23	KCA	1
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	06/16/23	KCA	1
1,3-Butadiene	ND	0.452	ND	1.00	06/16/23	KCA	1
1,3-Dichlorobenzene	ND	0.166	ND	1.00	06/16/23	KCA	1
1,4-Dichlorobenzene	1.74	0.166	10.5	1.00	06/16/23	KCA	1
1,4-Dioxane	ND	0.278	ND	1.00	06/16/23	KCA	1
2-Hexanone(MBK)	ND	0.244	ND	1.00	06/16/23	KCA	1
4-Ethyltoluene	ND	0.204	ND	1.00	06/16/23	KCA	1
4-Isopropyltoluene	ND	0.182	ND	1.00	06/16/23	KCA	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	06/16/23	KCA	1
Acetone	22.4	0.421	53.2	1.00	06/16/23	KCA	1
Acrylonitrile	ND	0.461	ND	1.00	06/16/23	KCA	1
Benzene	ND	0.313	ND	1.00	06/16/23	KCA	1
Benzyl chloride	ND	0.193	ND	1.00	06/16/23	KCA	1

Client ID: IA-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
Bromodichloromethane	ND	0.149	ND	1.00	06/16/23	KCA	1
Bromoform	ND	0.097	ND	1.00	06/16/23	KCA	1
Bromomethane	ND	0.258	ND	1.00	06/16/23	KCA	1
Carbon Disulfide	ND	0.321	ND	1.00	06/16/23	KCA	1
Carbon Tetrachloride	0.067	0.032	0.42	0.20	06/16/23	KCA	1
Chlorobenzene	ND	0.217	ND	1.00	06/16/23	KCA	1
Chloroethane	ND	0.379	ND	1.00	06/16/23	KCA	1
Chloroform	ND	0.205	ND	1.00	06/16/23	KCA	1
Chloromethane	0.537	0.485	1.11	1.00	06/16/23	KCA	1
Cis-1,2-Dichloroethene	ND	0.051	ND	0.20	06/16/23	KCA	1
cis-1,3-Dichloropropene	ND	0.221	ND	1.00	06/16/23	KCA	1
Cyclohexane	ND	0.291	ND	1.00	06/16/23	KCA	1
Dibromochloromethane	ND	0.118	ND	1.00	06/16/23	KCA	1
Dichlorodifluoromethane	0.444	0.202	2.19	1.00	06/16/23	KCA	1
Ethanol	40.5	E 0.531	76.3	1.00	06/16/23	KCA	1
Ethyl acetate	0.315	0.278	1.13	1.00	06/16/23	KCA	1
Ethylbenzene	0.294	0.230	1.28	1.00	06/16/23	KCA	1
Heptane	ND	0.244	ND	1.00	06/16/23	KCA	1
Hexachlorobutadiene	ND	0.094	ND	1.00	06/16/23	KCA	1
Hexane	ND	0.284	ND	1.00	06/16/23	KCA	1
Isopropylalcohol	3.46	0.407	8.50	1.00	06/16/23	KCA	1
Isopropylbenzene	ND	0.204	ND	1.00	06/16/23	KCA	1
m,p-Xylene	1.18	0.230	5.12	1.00	06/16/23	KCA	1
Methyl Ethyl Ketone	0.661	0.339	1.95	1.00	06/16/23	KCA	1
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	06/16/23	KCA	1
Methylene Chloride	ND	0.863	ND	3.00	06/16/23	KCA	1
n-Butylbenzene	ND	0.182	ND	1.00	06/16/23	KCA	1
o-Xylene	0.364	0.230	1.58	1.00	06/16/23	KCA	1
Propylene	ND	0.581	ND	1.00	06/16/23	KCA	1
sec-Butylbenzene	ND	0.182	ND	1.00	06/16/23	KCA	1
Styrene	0.264	0.235	1.12	1.00	06/16/23	KCA	1
Tetrachloroethene	2.25	0.037	15.3	0.25	06/16/23	KCA	1
Tetrahydrofuran	ND	0.339	ND	1.00	06/16/23	KCA	1
Toluene	0.932	0.266	3.51	1.00	06/16/23	KCA	1
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	06/16/23	KCA	1
trans-1,3-Dichloropropene	ND	0.221	ND	1.00	06/16/23	KCA	1
Trichloroethene	0.774	0.037	4.16	0.20	06/16/23	KCA	1
Trichlorofluoromethane	0.212	0.178	1.19	1.00	06/16/23	KCA	1
Trichlorotrifluoroethane	ND	0.131	ND	1.00	06/16/23	KCA	1
Vinyl Chloride	ND	0.078	ND	0.20	06/16/23	KCA	1
<u>QA/QC Surrogates/Internals</u>							
% Bromofluorobenzene	104	%	104	%	06/16/23	KCA	1
% IS-1,4-Difluorobenzene	95	%	95	%	06/16/23	KCA	1
% IS-Bromochloromethane	94	%	94	%	06/16/23	KCA	1
% IS-Chlorobenzene-d5	95	%	95	%	06/16/23	KCA	1

Client ID: IA-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
-----------	----------------	------------	-----------------	-------------	-----------	----	----------

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

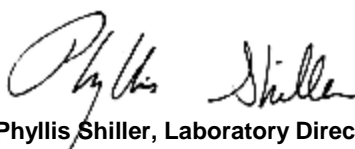
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 22, 2023

Official Report Release To Follow

Criteria: None

State: NY

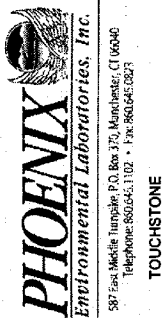
Sample Criteria Exceedances Report

GCO31117 - TOUCHSTONE

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



CHAIN OF CUSTODY RECORD
AIR ANALYSES

P.O. # _____
Data Delivery: Fax #: _____
 Email: _____
 Phone #: _____

860-645-1102
email: greg@phoenixlabs.com

TOUCHSTONE

Report to: Rachel Ataman
Customer: Touchstone Environmental Geology, PC
Address: 1919 Middle Country Road
Centerach, NY 11720

Project Name: 101-21 101st Street, Queens
Invoice to: _____
Sampled by: F. Ataman

Data (Circle) Equis Excel Other: _____
Requested Deliverable: RCP ASP CAT B MCP NJ Deliverables
Quote Number: _____

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (H ₂ O)	Incoming Canister Pressure (H ₂ O)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (H ₂ O)	Canister Pressure at End (H ₂ O)	MATRIX				
													Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	AAPH
31117	IA-1	11287	6.0L	-30	-3	10669	43	9:35	10:35	6/15/03	-29	-4	✓	✓	✓	✓	✓
31118	SV-2	21345	6.0L	-30	-4	6977	44	10:05	12:05		-29	-4	✓	✓	✓	✓	✓
31119	SS-1	28605	6.0L	-30	-3	5883	42	9:30	11:30		-30	-3	✓	✓	✓	✓	✓
31120	SS-2	235	6.0L	-30	-5	10684	43	10:30	12:30		-28	-4	✓	✓	✓	✓	✓
31121	OA-1	7304	6.0L	-30	-4	10704	42	9:45	11:45		-29	-4	✓	✓	✓	✓	✓
31122	SV-1	4609	6.0L	-30	-3	5656	43	10:00	12:00		-29	-3	✓	✓	✓	✓	✓
31123	IA-2	28609	6.0L	-30	-2	10575	45	9:40	11:40	✓	-28	-2	✓	✓	✓	✓	✓

Relinquished by: [Signature] **Date:** 6.10.23
Accepted by: [Signature] **Date:** 6.10.23

Requested Criteria: (Please Circle) MA: _____
CT: TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES

Turnaround Time: 1 Day* 2 Day* 3 Day* 4 Day* 5 Day*
*SURCHARGES MAY APPLY

Signature: [Signature] **Date:** 6.10.23

State Where Samples Collected: _____

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(7) - 5.0L 2 hr

NY:	PA:	VT:
Indoor Air Residential	Indoor Air Residential	Indoor Air Residential
Ind/Commercial	Vapor Intrusion	Industrial
Soil Gas Residential	Non-residential	Sub-slab
Ind/Commercial	Ind/Commercial	Industrial

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document.

Appendix J
NYSDOH SVIA Matrices

Soil Vapor/Indoor Air Matrix A

May 2017

Analytes Assigned:

Trichloroethene (TCE), *cis*-1,2-Dichloroethene (c12-DCE), 1,1-Dichloroethene (11-DCE), Carbon Tetrachloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m ³)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m ³)		
	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. No further action	5. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX A

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

- [1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).
- [2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.
- [3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.
- [4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.
- [5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.
- [6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor/Indoor Air Matrix B

May 2017

Analytes Assigned:

Tetrachloroethene (PCE), 1,1,1-Trichloroethane (111-TCA), Methylene Chloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m ³)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m ³)		
	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. MONITOR	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX B

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

- [1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).
- [2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.
- [3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 1 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.
- [4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.
- [5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.
- [6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor/Indoor Air Matrix C

May 2017

Analytes Assigned:

Vinyl Chloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m ³)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m ³)	
	< 0.2	0.2 and above
< 6	1. No further action	2. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	3. MONITOR	4. MITIGATE
60 and above	5. MITIGATE	6. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX C

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

- [1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).
- [2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.
- [3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.
- [4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.
- [5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.
- [6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Appendix K
Credentials

RACHEL ATAMAN, PG
PRESIDENT

SUMMARY OF EXPERIENCE

Having worked in the environmental field since 2003, I have a vast understating of the Environmental world in New York State. I have worked on multiple projects ranging from Phase I ESAs, Phase II ESAs, Mold Investigations to New York State Brownfield Cleanup Projects. Additionally, I have worked closely with clients to meet their specific project needs such as deadlines, project grants and program requirements. Using my vast experience I also assisted clients in cost estimates for future investigations or remediations.

RELEVANT PROJECT EXPERIENCE

- Recently completed the investigation and Remedial Design for a 3-story building on Moffat Street in Brooklyn. The investigation included the installation and sampling of a series of soil probes, monitoring wells and soil vapor probes. The remedial design included the excavation and property disposal of soils within the foundation and the installation of a vapor barrier beneath the foundation. The Investigation and Remedial Design were approved by the New York City Office of Environmental Projection since the site is going through a zoning variance.
- Was instrumental in entering the first site (Pelham Parkway) into New York City Brownfield Cleanup program (BCP) and bringing Mayor Bloomberg to the Site to announce the start of the City's BCP. I then managed the environmental requirements of the site including City Environmental Quality Review, Phase I ESAs, Site Investigations, Remedial Action Work Plans and the Site Remedation during development.
- Managed a large variety of New York City Brownfield Cleanup Projects including the preparation of the Site Investigation Work Plans, implementation of the fieldwork, the preparation of Site Investigation Report and Remediation Action Plans. Also successfully managed the implementation of Remedial Action Plans during fieldwork. On a site location on North 8th Street in Brooklyn, New York, supervised the removal of 10,000 tons of contaminated soil and the installation of a vapor barrier and sub-slab depressurization system.
- Knowledgeable in the characterization of soil for disposal. On a NYC BCP site located on Third Avenue in the Bronx I successfully investigated and managed the disposal of over 2,000 tons of hazardous soil.
- Successfully investigated and managed the closure of hundreds of NYSDEC Spill Sites. For example she recently completely the closudre of a Spill on Anthony Avenue by investigating soils and determining a subsurface impact was not identified. Additionally, successfully remediated a site on Burnside Avenue in Inwood through the removal of three underground storage tanks (USTs), over 100 tons of petroleum contaminated soil, the injection of Oxygen Releasing Compounds (ORC) and the performance of monthly monitoring and quarterly sampling of

Address: [1919 Middle Country Road, Suite 205](#) Phone: [631-315-2733](#)

Website: [Touchstone-Environmental.com](#)

groundwater over a 2 year period. The remediation was successful in reducing the levels of contamination in groundwater and the NYSDEC Spill number was closed.

- Supervised the removal of four underground storage tanks for the Rockland County Sewer District and continue to work with the RCSD on the update of the Sewer Plants from underground storage tanks to above ground storage tanks.
- Performed hundreds of Phase I ESA site inspections and has reviewed and written hundreds of Phase I ESAs as well. Based upon the results of the Phase I ESA, determined the proper scope of work for the Phase II ESAs, prepared Phase II ESA scopes of work and proposals and then properly implemented the Phase II ESA.

Technical Responsibilities:

Coordinates work with regulatory agencies and organizes project schedules with clients, project geologists, and field managers.

Phase I and Phase II Environmental Site Assessments

Design and Management of Site Investigations

“E”-Designations

Site Supervision and Remediation

Environmental Assessment Statements

Mold testing

Air Quality/control

Technical review of assessment reports, remedial action plans, mold investigations

Remedial Action:

Implemented numerous Remedial Action Plans. Supervised the construction and managed the operation of numerous hydrocarbon and chlorinated solvent remediation systems for soil and groundwater.

EDUCATION

BS Geology, SUNY Stony Brook, 2001

Affiliations/Certifications:

New York State Professional Geologist License #000900

Certified GPR Operator (Subsurface Interface Radar in Engineering)

10-Hour OSHA Hazard Recognition Training for The Construction Industry Course on 2/13/2018

Certified by ASTM for the E-1527 Phase I ESA

PUBLICATIONS

“Sick Building Syndrome: How it is affecting you and what you can do about it” New York Real Estate Journal.

“Managing Lead-Based Pain in Houses/Apartments” New York Real Estate Journal

“Without Profit Brownfield Development will Not be Sustainable” New York Real Estate Journal

“What are the options for Soil Disposal During the Construction of the Next Property” New York Real Estate Journal

Gabrielle Castro

Senior Project Manager for Touchstone Environmental Geology, P.G.

SUMMARY OF EXPERIENCE

Working in various sections of environmental sciences throughout the course of my career has provided me with an understanding of the local environment in New York State. I have worked on projects including Phase I and Phase II Environmental Site Assessments as well as New York Brownfield Cleanup Projects and investigations for the New York City Office of Environmental Remediation. Throughout my career, I have worked effectively to meet deadlines and program requirements and to ensure accuracy in the data I have collected and analyzed.

RELEVANT PROJECT EXPERIENCE

- Recently completed waste characterization testing as part of a Phase II Investigation on Fulton Street in Brooklyn, New York. The investigation included the installation, sampling, and collection of a series of soil probes. The investigation and Remedial Design were approved by the New York City Office of Environmental Remediation.
- Written a number of for Phase I Environmental Site Assessments (ESAs). Recommendations for Phase II ESAs were then based upon the results of the Phase I ESAs and Phase II ESAs were then properly implemented.
- Knowledgeable in soil disposal characterization. Supervised the excavation and disposal of soil at a site on Jericho Turnpike in Queens, New York.
- Performed a Phase I ESA site inspection at 88 North 1st Street in Brooklyn, New York. Based upon the results of the Phase I ESA, the proper scope of work for a Phase II ESA was determined and a Phase II ESA scope of work and proposal was prepared.
- Managed a variety of New York City Brownfield Cleanup Projects including the preparation of the Remedial Investigation Work Plans, Remedial Action Work Plans, and implementation of the fieldwork.
- Successfully managed the implementation of Remedial Action Plans during fieldwork.

TECHNICAL RESPONSIBILITIES

- Compile information on properties for Phase I and Phase II Environmental Site Assessments.
- Conduct Phase I and Phase II Environmental Site Assessments.
- Management of site investigations and site supervision.
- Conduct air quality/dust monitoring control.
- File Freedom of Information Act (FOIA) Requests with various agencies to collect further information about the properties in order to assess the environmental quality.
- Create reports to evaluate the potential environmental impacts associated with the Subject Properties.

- Supervise disposal of excavated soil.
- Collect indoor and outdoor air samples, soil vapor samples, and soil probe samples for laboratory analyses.
- Air Quality/Control

EDUCATION

Master of Science Integrated Biology, *Hofstra University*, Hempstead, NY, December 2019

Bachelor of Science Biology, *SUNY University at Albany*, Albany, NY, May 2014

CERTIFICATIONS

OSHA Outreach Certification

September 14, 2020

ASTM Training and E-Learning: Phase I & II ESA Workshop

October 1, 2020