

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

Address: 1919 Middle Country Road, Suite 205, Centereach, New York Office Phone: 631-315-2733 Website: Touchstone-Environmental.com

Comprehensive Site Assessment

101-21 101st Street Queens, New York 11416

October 6, 2023

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,

Rachel Ataman, PG President Touchstone Environmental Geology, PC

_X Gabrielle Castro

Gábrielle Castro Project Manager Touchstone Environmental Geology, PC

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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 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 oilsoaked 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 guality 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 (μ g/kg)) and SP-5 (5,800 μ g/kg). The UUSCO for TCE is 470 ug/kg. The concentrations of TCE identified in the soil do not exceed the Commercial Use Soil Cleanup Objective for TCE of 200,000 ug/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 101^{st} 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 ug/L and TCE was detected at a concentration of 5.7 µg/L. The groundwater quality standard for PCE and TCE is 5.0 µg/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 ug/L to 7.7 ug/L and the concentrations of TCE range from 7.5 ug/L to 22 ug/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 ug/m3 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 Inquires) 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. 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. There are currently no industrial or manufacturing operations conducted at the Subject Property.

3.3 Adjacent Land Use

Direction	Adjacent Parcel	<u>Surrounding</u> <u>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

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

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

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

The Subject Property is serviced through the following utility providers:

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.

<u>Wetlands</u>

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

<u>Soils, Geology</u>

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 (<u>http://websoilsurvey.nrcs.usda.gov/app/</u>), 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.

<u>Groundwater</u>

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 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 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

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

Subject Property Listings:

Comments	The Subject Property identified as Con Edison is listed on the NY MANIFST
	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.

Facility Name:	OZONE INDUSTRIES
Address:	100 th St. Between 101 st and 103 rd Avenues
Distance:	Subject Property Included
Direction:	NA
Hydrogeologic	NA
Position:	
Databases Listed:	SHWS, VAPOR REOPENED
Identification	Site Code 241033, Site Code 58595
Number(s):	
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 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:
 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:

Address:	101-20 101 st Street, 10120 101 st St
Distance:	Adjacent (84 feet)
Direction:	Northwest
Hydrogeologic	Cross-gradient
Position:	-
Databases Listed:	DRYCLEANERS, EDR HIST CLEANER, RCRA-SQG, ICIS, US AIRS, MANIFEST
Identification	EPA ID NYR000064907, FRS ID 110008105898, Facility ID 2-6307-01164
Number(s):	
Number(s): Comments	The adjacent property to the northwest identified as Metropolitan Garment Cleaning, located at 101-20 101 st 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 101-20 101 st 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

Facility Name:	OZONE INDUSTRIES
Address:	100 th St. Between 101 st and 103 rd Avenues
Distance:	Adjacent (23 feet)
Direction:	West
Hydrogeologic	Cross-gradient
Position:	
Databases Listed:	SHWS, VAPOR REOPENED
Identification	Site Code 241033, Site Code 58595
Number(s):	
Comments	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 trom 1948 to 1966, was expanded to include locations at the Subject Property (101-21 101 st Street), 101-32 101 st Street, not "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 environment airvestigations, the contaminants of concern at the Former Ozone Industries includes 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 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 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.

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	Cross-gradient
Position:	
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	The adjacent property to the west identified as Ozone Industries Inc, located at 101-32 101 st 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 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:
	 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.

the closure of the spill cases, these listings are considered unlikely to represent a current environmental concern.
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:
 (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
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).

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	Cross-gradient
Position:	
Databases Listed:	State Tanks (UST), State Leaking Tanks (LTANKS)
Identification	PBS ID 2-609896; Spill No. 01-13103
Number(s):	
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

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.

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 (<u>http://maps.nyc.gov/taxmap/</u>). 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 (<u>https://a826-web01.nyc.gov/DEP.BoilerInformationExt/</u>). 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)
 - o 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 (<u>https://www.dec.ny.gov/data/DecDocs/241033/</u>):

• 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, 0 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 groundwater flow measurements and direction determination. The permanent soil vapor wells were installed to approximately 12-feet 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-feet 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-feet bgs depending on drilling conditions and groundwater sampling;
 - The installation of eight soil borings within the Site area beneath bays to approximately 8-feet 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 0211. 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.
- ACEOM 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 assists 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."
- o 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 Subslab 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 dur 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:
 - 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 downgradient 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: <u>https://www.dec.ny.gov/data/DecDocs/241033/</u>.

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 REPOPENED, 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	lssues Noted	Observations
		Subject Property: The Subject Property appears to contain two residential buildings and undeveloped land.
1901	No	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	lssues 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.
		Subject Property: The Subject Property appears similar to the 1927
		map.
1950	Yes	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.
1966	No	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 101 st Street.
		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
1969	No	Subject Property: The Subject Property appears to contain the current building and parking lot layout.
		man
1970	No	Subject Property: The Subject Property appears similar to the 1969 map.
		Surrounding Area: The surrounding area appears similar to the 1969 map.
	No	Subject Property: The Subject Property appears similar to the 1970 map.
1980		Surrounding Area: The surrounding area appears similar to the 1970 map. Additionally, an adjacent property to the west appears to contain a parking lot.
1983, 1985,	No	Subject Property: The Subject Property appears similar to the 1980 map.
1986		Surrounding Area: The surrounding area appears similar to the 1980

Fire Insurance Map Summary		
Year	lssues Noted	Observations
		map.
1987	No	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 101 st Street for Ozone Industries.
		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.
1988, 1990, 1991, 1992, 1993, 1995,	No	Subject Property: The Subject Property appears similar to the 1987 map. Relatively little change is observed from 1988 through 2004.
1996, 1999, 2001, 2002,		Surrounding Area: The surrounding area appears similar to the 1987 map. Relatively little change is observed from 1988 through 2004.
2003, 2004	No	Subject Property:The Subject Property appears similar to the 2004 map. Additionally, the buildings appear to be utilized for storage and moving.Surrounding Area:The surrounding area appears similar to the 2004 map. Additionally, the adjacent property to the south appears vacant.
2006	No	Subject Property:The Subject Property appears similar to the 2005 map.Surrounding Area:The surrounding area appears similar to the 2005 map.

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 (<u>https://www.historicaerials.com/viewer</u>). 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	lssues Noted	Observations	
1954	No	Subject Property: The Subject Property appears to contain the	

AERIAL PHOTOGRAPH SUMMARY		
Year	lssues 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.
		Subject Property: The Subject Property appears to contain a building
		on the northern portion of the property and a parking lot on the
1966	No	southern portion of the property.
		Surrounding Area: The surrounding area appears similar to the 1954
		photograph.
	No	Subject Property: The Subject Property appears to contain the
		current building and parking lot layout.
1080		Surrounding Area: The surrounding area appears similar to the 1966
1980		photograph. Additionally, the adjacent properties to the
		west/southwest appear to contain parking lots in addition to the
		buildings.
1985, 1994,		Subject Property: The Subject Property appears similar to the 1980
2004, 2006,		photograph. Relatively little change is observed from 1985 through
2008, 2009,		2019.
2011, 2012,	No	Surrounding Area: The surrounding area appears similar to the 1980
2013, 2015,		photograph. Relatively little change is observed from 1985 through
2017, 2015,		2019.
2013, 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	lssues Noted	Observations
1889	No	Subject Property: The Subject Property appears to contain
		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.
1001	No	Subject Property: The Subject Property appears similar to the 1889 map.
1891		Surrounding Area: The surrounding area appears similar to the 1889 map.
		Subject Property: The Subject Property appears to be partially shaded black to indicate development.
1898	No	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,		Subject Property: The Subject Property appears similar to the 1898 map.
1908, 1910, 1916, 1924, 1931, 1938	No	Surrounding Area: The surrounding area appears similar to the 1898 map.
	No	Subject Property : The Subject Property appears similar to the 1938 map.
1947		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.
10.40	No	Subject Property : The Subject Property appears similar to the 1938 map.
1948		Surrounding Area: The surrounding area appears similar to the 1938 map.
1959, 1961,	No	Subject Property : The Subject Property appears similar to the 1948 map.
1966		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	lssues 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 тнгоидн 101-47 101 st Street		
Year	lssues 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 тнгоидн 101-47 101 st Street			
Year	lssues Noted	Occupants		
		101-19 101 st Street: Residential Listing 101-21 101 st Street: Elan Mach Co 101-45 101 st Street: Residential Listing 101-47 101 st 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 – 101-13 101 st St and 101-18 and 101-20 102 ND St			
Year	lssues 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 101-52 102 ND ST			
Year	lssues Noted	Occupants	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
1934	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	
		101-26 through 101-50 102nd Street: The adjacent property addresses	
1962	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	
		101-26 through 101-50 102nd Street: The adjacent property addresses	
1967	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	
		101-26 through 101-50 102nd Street: The adjacent property addresses	
1970	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
1983	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
1991	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listing	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
1992	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listing	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
2000	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
2005	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
2010	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listing	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
2014	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
2017	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	
		101-26 through 101-50 102 nd Street: The adjacent property addresses	
2020	No	are not listed in the City Directory.	
		101-52 102 nd Street: Residential Listings	

STREET DIRECTORY SUMMARY			
ADJACENT PROPERTY TO THE SOUTHEAST – 101-54 102 ND ST			
Year	lssues 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			
Voor	Issues	Occupante	
rear	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	lssues 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	lssues Noted	Occupants	
1962	Yes	101-22 through 101-30 101st Street: The adjacent property addresses are not listed in the City Directory.	
		101-20 101 st Street: <i>RMP Indstries Inc sheet mtl</i>	

STREET DIRECTORY SUMMARY					
ADJACENT PROPERTY TO THE WEST – 101-20 THROUGH 101-32 101 st St					
Veer	Issues	Occurrente			
rear	Noted	Occupants			
	101-32 101 st Street: OZONE METAL PRODS CORP				
		101-20 through 101-30 101 st Street: The adjacent property addresses			
1007	Vee	are not listed in the City Directory.			
1967	Yes	101-32 101 st Street: Ozone Aircraft Components Corp, Ozone Metal			
		Prods Corp, RMP Indstries Inc sheet mtl			
		101-20 through 101-30 101st Street: The adjacent property addresses			
1070	Voc	are not listed in the City Directory.			
1970	Tes	101-32 101 st Street: Ozone Aircraft Components Corp, Ozone Metal			
		Prods Corp, RMP Indstries Inc sheet mtl			
		101-20 through 101-30 101st Street: The adjacent property addresses			
1001	Voc	are not listed in the City Directory.			
1991	165	101-32 101 st Street: Ozone Aircraft Components Corp, OZONE			
		INDUSTRIES INC			
		101-20 through 101-30 101st Street: The adjacent property addresses			
1992	Vec	are not listed in the City Directory.			
1552	ies	101-32 101 st Street: OZONE INDUSTRIES INC, OZONE AIRCRAFT			
		COMPONENTS CORP, OZONE INDUSTRIES A JOY MFG CO			
		101-20 through 101-30 101st Street: The adjacent property addresses			
1995	Vec	are not listed in the City Directory.			
1555	103	101-32 101 st Street: OZONE INDUSTRIES INC, OZONE AIRCRAFT			
		COMPONENTS CORP, OZONE INDUSTRIES A JOY MFG CO			
		101-22 through 101-32 101st Street: The adjacent property addresses			
2000	Yes	are not listed in the City Directory.			
		101-20 101 st Street: <i>Mtrpltn GMT Clng</i>			
		101-22 through 101-30 101 st Street: The adjacent property addresses			
		are not listed in the City Directory.			
2005	Yes	101-20 101 st Street: <i>Metropolitan Garment Cleaning</i> ,			
		METROPOLITAN GARMENT CLEANING INC			
		101-32 101st Street: Fivestar/Ferguson Electric, FIVE STAR ELECTRIC			
		CORP			
		101-22 through 101-30 101st Street: The adjacent property addresses			
2010		are not listed in the City Directory.			
	Yes	101-20 101 st Street: <i>METROPOLITAN GARMENT CLEANING</i> , RICHIES			
		101.22 through 101.20 101st Street: The adjust and an and the			
		IVI-22 through IVI-30 IVI- Street: The adjacent property addresses			
2014	Yes	are not listed in the City Directory.			
		101 22 101" Street, METROPOLITAN GARMENT CLEANING INCORP			
2017	Vaa	101-32 to 1" Street: FIVE STAK ELECTRIC			
L 2017	res	I IVI-22 UITOUUII IVI-3V IVI- SUPPET. THE ADJACENT DIODERTV ADDRESSES			

STREET DIRECTORY SUMMARY			
ADJACENT PROPERTY TO THE WEST – 101-20 THROUGH 101-32 101 st St			
Year	lssues Noted	Occupants	
		are not listed in the City Directory.	
		101-20 101 st Street: METROPOLITAN GARMENT CLEANING INC	
		101-32 101 st Street: FIVE STAR ELECTRIC	
	Yes	101-22 through 101-30 101 st Street: The adjacent property addresses	
2020		are not listed in the City Directory.	
		101-20 101 st Street: Residential Listings	
		101-32 101 st 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 REPOPENED, 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 191. 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 2,500gallon 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 AguaTerra 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 trichlorothylene. 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, 1trichloroethene 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 Assessent, 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 1,080gallon 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 comer 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,
 - $\circ\,$ 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 /	Type of Storage /	Disposal Method /
Classification	Generation Process	Location	Contractor
Non-Regulated	Routine Site	Dumpsters on	New York City
Waste	Operations	Subject Property	Department of Sanitation
Non Pogulated	Sanitary Sewage /	NA (Municipal	New York City
Liquid Waste	Routine Site	Sewer)	Department of
Liquid Waste	Operations		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

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		

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

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,	Yes
Agricultural/Irrigation Wells or Process Water Wells)	
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 REPOPENED, 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, 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.

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 I, 1978. The EPA and the U.S. Department of Housing and Urban Development (HUD) consider lead based paint as containing a lead concentration equal to or greater than 1.0 milligram per square centimeter (mg/cm') or 0.5% lead by weight, as defined by Title X of the 1992 Housing and Community Development Act. 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 southeastern 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 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 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 subslab 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 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 oilsoaked 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 (μ g/kg)) and SP-5 (5,800 μ g/kg). The UUSCO for TCE is 470 ug/kg. The concentrations of TCE identified in the soil do not exceed the Commercial Use Soil Cleanup Objective for TCE of 200,000 ug/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 101^{st} 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 ug/L and TCE was detected at a concentration of 5.7 µg/L. The groundwater quality standard for PCE and TCE is 5.0 µg/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 ug/L to 7.7 ug/L and the concentrations of TCE range from 7.5 ug/L to 22 ug/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 ug/m3 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 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 access a property of the nature, history and setting of the Subject Property. Only where indicated we have developed and performed the AAIs in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

15.0 REFERENCES

- 1. <u>Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-13</u>, 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: <u>https://www.dec.ny.gov/data/DecDocs/241033/</u>
- 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.













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

Client Id	SP-1 (2	2.5`-5`)	SP-2 (10)`-11.5`)	SP-3 (7.5'-10') SP-4 (10'-12.5')		SP-5 (2	.5`-5`)				
Collection Date	6/14/	/2023 nil	6/14/	/2023 nil	6/14/	2023 il	6/14/2023 Soil		6/14/	2023	NY-UnRestricted SCO	NY-Commercial
Unit	ug	/kg	ug	/kg	ug/	n kg	ug	/kg	ug/kg			Restricted SCO
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-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-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-Dichloropropage	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	20~~	30000 ~
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-Dichioropropane	< 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	4.5	~	~
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	2/	< 25	25	< 24	24	- 50	500000 ~
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	~	~
Bromotorm	< 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	~	250000
Chloromethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9 4 9	370	350000 ~
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	~	~
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
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-isopropyitoluene	< 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	~	~ E00000
Total Xvlenes	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9 1 0	700	500000 ~
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
Trichlorotrifluoroethane	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9 1 Q	~	~
Vinvl chloride	< 6.2	6.2	< 5.2	5.2	< 5.4	5.4	< 5.1	5.1	< 4.9	4.9	20	13000

Vinyl chloride 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 Compoud Analytical Results
101-21 101st Street, Queens, New York

Client Id	SD 1 /2	E, E,	SD 2 (10)` 11 E`)) E, E,)					
Collection Date	SP-1 (2	.5 -5 /	SP-2 (10	/2022	SP-3 (7	.5 -10)	SP-4 (10	-12.5 /	SP-5 (2.5 -5)			
Matrix	6/14/	2025	6/14/	-2025 pil	6/14/	2025 vil	6/14/	2025	6/14/2023		NV-UnRestricted SCO	NY-Commercial
Unit		lka		/kg		/ka		ka	110	/ka	in onnestneted seo	Restricted SCO
CAS	Result	RI	Result	RI	Result	RI	Result	RI	Result	RI		
1 2-Dichlorobenzene	< 250	250	< 240	240	< 240	240	< 240	240	< 260	260	1 100	500000
1.2-Diphenylbydrazine	< 250	250	< 240	240	< 240	240	< 240	240	< 200	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)pervlene	< 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
Pvrene	< 250	250	< 240	240	< 240	240	< 240	240	1.400	260	100.000	500000

Pyrene 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 Compoud 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`)			
Collection Date	6/14/	2023	6/14/	2023	6/14,	/2023	6/14/	2023	6/14/	2023		NV-Commercial
Matrix	So	il	Sc	bil	So	bil	So	il	So	il	NY-UnRestricted SCO	Restricted SCO
Unit	mg,	/kg	mg	/kg	mg	/kg	mg/	/kg	mg/	/kg		Restricted SCO
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:

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 2A
Groundwater Volatile Organic Compoud Analytical Results
101-21 101st Street Oueens New York

101-21 101st 9	street, Quee	ns, New Yo	rk		
Client Id	MV	V-1			
Collection Date	6/14/	2023	NYSDEC TOGS		
Matrix	Ground	Water	AWQS		
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-Dichloropropage	< 1.0	1.0	5		
1 4-Dichlorobenzene	< 1.0	1.0	~		
2 2-Dichloropropage	< 1.0	1.0	5		
2 Chlorotoluono	< 1.0	1.0	5		
2-Chlorocoldene	< 1.0	1.0	5		
2-Hexanone	< 5.0	5.0	50		
2-isopropyitoluene	< 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		
Tetrabydrofuran (THF)	<pre>2.5</pre>	2.0	50		
Toluene	~ 2.3	1.0	50		
Total Xylenes	< 1.0	1.0	5		
trans_1 2-Dichloroothono	< 1.0	1.0			
trans-1.3-Dichloropropaga	< 1.0	0.40	0.4		
trans-1.4-dichloro 2 butono	< 0.40	U.40	U.4 E		
Trichloroothopo	< 5.0	5.0	5		
Trichloroflucromother	5.7	1.0	5		
Trichlorotrifluoroathana	< 1.0	1.0	5		
Vipul chlorido	< 1.0	1.0	2		
livinyi chioride	< 1.0	1.0	2		

NOTES:

Any Regulatory Exceedences are color coded by Regulation

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 Compoud Analytical Results

101-21 101st S	treet, Quee	ns, New Yo	rk		
Client Id	M\	V-1			
Collection Date	6/14,	/2023			
Matrix	Ground	Water	AWOS		
Unit	ug	;/L	AWQS		
CAS	Result	RL			
Semivolatiles	. SIM By SW	8270D (SIN	1)		
Acenanhthylene	< 0.47	0.47	~		
Benz(a)anthracene	< 0.47	0.47	0.002		
Benzo(a)pyrene	< 0.02	0.02	~		
Benzo(b)fluoranthene	< 0.02	0.02	0.002		
Benzo(ghi)pervlene	< 0.02	0.02	~		
Benzo(k)fluoranthene	< 0.02	0.47	0.002		
Chrysene	< 0.02	0.02	0.002		
Dibenz(a h)anthracene	< 0.47	0.02	~		
Hexachlorobenzene	< 0.04	0.04	0.04		
Hexachlorobutadiene	< 0.47	0.01	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	0.30	50		
Formivolatilor	Eull Scon I	0, - , 0			
Semivolatiles		5y 300270L	, 		
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-Chioronaphthalene	< 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-Nitroaniine	< 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-initroaniline	< 4.7	4.7	5		
Acenaphthene	< 4.7	4.7	20		
Anthracene	< 4.7	4.7	50		
Benziume Depreis esid	< 4.7	4.7	~		
Benzoic aciu	< 47	47	~		
Benzyl Alconol	< 19	19	50		
Benzyi butyi phthalate	< 4.7	4.7	50		
Bis(2-chloroothyl)athor	< 4.7	4.7	3		
Bis(2-child/dethyl)ethel	< 0.94	0.94			
Dibonzofuran	< 4.7	4.7	5		
Distand patholoto	< 4.7	4.7	50		
Dimethylphthalate	< 4.7	4.7	30		
Dimethylphthalate	< 4.7	4.7	50		
	< 4.7	4.7	50		
Eluoranthene	< 4.7	4.7	50		
Eluorene	< 4.7	4.7	50		
Hovachloroothano	< 4./	4./	50		
Isophorope	< 4./	4./	50		
Nanhthalene	< 4.7	4.7	~		
N-Nitrosodimethylamine	< 4.7	4.7	~		
N-Nitrosodi-n-propulamino	×4.7	4.7	50		
N-Nitrosodinhenvlamina	×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	S\ 6/15,	/-1 /2023	SV-2 SS-1 6/15/2023 6/15/2023		SS-2 6/15/2023		OA-1 6/15/2023		IA-1 6/15/2023		IA-2 6/15/2023			
Matrix	A	lir	A	lir	A	ir	A	\ir	A	ir	A	\ir	A	ir
Unit	ug/	/m3	ug/	/m3	ug/	/m3	ug	/m3	ug/	m3	ug/	/m3	ug/	/m3
CAS	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	< 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
1,1,2,2-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
1,1,2-Tricnioroetnane	< 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-Dichloroethane	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 1.00	1.00	< 0.20	1.00	< 1.00	1.00
1,2.4 Trichlorobonzono	< 1.00	1.00	< 1.00	1.00 E 00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene	< 3.00 6.49	5.00	9.24	5.00	< 5.00	5.00	< 5.00	5.00	< 1.00	1.00	< 1.00	1.00	1.00	1.00
1,2,4-Thinethylbenzene	< 5.00	5.01	< 5.00	5.01	< 5.01	5.01	< 5.01	5.01	< 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
1.2-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
1.2-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
1,2-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
1,3,5-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
1,3-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
1,3-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
1,4-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
1,4-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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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	1.11	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
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
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
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
Dichlorodifiuoromethane	< 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
Ethanoi	11.1	5.01	23.4	5.01	11.1	5.01	8.93	5.01	7.83	1.00	20	1.00	70.3	1.00
Ethylacetate	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 1.00	1.00	< 1.00	1.00	1.13	1.00
Liantene	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 1.00	1.00	< 1.00	1.00	1.28	1.00
Heyachlorobutadiene	< 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
Heyane	< 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
Isopropylalcohol	7 5.00	5.00	5.00	5.00	< 5.00	5.00	< 5.00	5.00	1 34	1.00	3 14	1.00	< 1.00 8 E	1.00
Isopropylacioni	< 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
m.p-Xvlene	< 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
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
Methyl tert-butyl ether(MTBF)	< 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
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
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
o-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	1.58	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
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
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	1.12	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
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
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
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
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
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	0.20
Trichlorofluoromethane	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	1.02	1.00	1.03	1.00	1.19	1.00
Trichlorotrifluoroethane	< 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
Vinyl Chloride	< 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

NOTES:

Any Regulatory Exceedences are color coded by Regulation RL = Reporting limit Bolded and italicized compounds indicate the 8 NYSDOH Action Compounds Bolded values indicate the analyte was detected at or above the Reporting Limit (RL)

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

FORM-NULL-PVC

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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 Tranverse 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: Source: TP U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: Source:

20150522 USDA

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 NonGer	n 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
134	CON EDISON SERVICE B	98-11 101ST AVE	RCRA NonGen / NLR	Higher	495, 0.094, WNW
135	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

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K40	V\$9227	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

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.)
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
T9 0	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

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

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:

Site	Database(s)	EPA ID
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.

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

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
METROPOLITAN GARMENT EPA ID:: NYR000064907	101-20 101ST STREET	WNW 0 - 1/8 (0.016 mi.)	A7	9
MTA NYCT 104TH STREE	104TH ST & LIBERTY A	SE 1/8 - 1/4 (0.241 mi.)	AE147	42
EPA ID:: NYR000206979

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

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OZONE INDUSTRIES Site Code: 58595	100TH ST. BETWEEN 10	SW 0 - 1/8 (0.004 mi.)	A2	8
Class Code: Significant threat to th	e public health or environment - actior	n required.		
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.

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

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.

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

Spill Date: 1991-06-20

Opin Bato. 1001 00 20				
108-01 ATLANTIC AV/Q Spill Number/Closed Date: 8708713 / Site ID: 80198 Spill Date: 1988-01-12	108-01 ATLANTIC AVE 1992-09-25	NNE 1/4 - 1/2 (0.497 mi.)	172	48
Lower Elevation	Address	Direction / Distance	Map ID	Page
CONSTRUCTION SITE Spill Number/Closed Date: 0413103 / Site ID: 338946 Spill Date: 2005-03-16	101-09 103RD AVE 2005-06-07	SSE 0 - 1/8 (0.031 mi.)	C12	11
106 PRECINCT NYPD -D Spill Number/Closed Date: 0012662 / Site ID: 111958 Spill Date: 2001-02-27	103-55 101ST STREET 2016-03-22	SSE 1/8 - 1/4 (0.150 mi.)	Q69	24
CLOSED-LACKOF RECENT Spill Number/Closed Date: 9002397 / Site ID: 182100 Spill Date: 1990-05-31	98-21 ROCKAWAY BLVD 2003-03-04	S 1/4 - 1/2 (0.262 mi.)	158	45
AMOCO GAS STATION Spill Number/Closed Date: 0303304 / Site ID: 137469 Spill Date: 2003-06-28	97-09 ROCKAWAY BLVD 2003-06-30	S 1/4 - 1/2 (0.274 mi.)	AH159	45
AMOCO STATION Spill Number/Closed Date: 9809619 / Site ID: 224197 Spill Date: 1998-10-30	97-02 ROCKAWAY BLVD 1998-11-06	S 1/4 - 1/2 (0.274 mi.)	AH160	45
HARIEAT HOME Spill Number/Closed Date: 0513664 / Site ID: 360166 Spill Date: 2006-02-27	101 -22 94TH STREET 2006-03-07	WSW 1/4 - 1/2 (0.307 mi.)	163	46
91-21 ROCKAWAY Spill Number/Closed Date: 9208482 / Site ID: 312231 Spill Date: 1992-10-22	91-21 ROCKAWAY BLVD 1992-11-16	WSW 1/4 - 1/2 (0.432 mi.)	169	47
SAINT SANTISLAUS CHU Spill Number/Closed Date: 0406589 / Site ID: 212266 Spill Date: 2004-09-14	90-01 101ST AVE. 2006-07-17	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.

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JACMOR TRANSPORATION Database: UST, Date of Government Versi	97-26 99TH STREET on: 12/19/2022	NW 1/8 - 1/4 (0.132 mi.)	057	21
RELIABLE A & G FUELS Database: UST, Date of Government Versi	101-10-08 97TH AVE on: 12/19/2022	N 1/8 - 1/4 (0.159 mi.)	R83	27
KAM THERMAL EQUIPLME Database: UST, Date of Government Versi	98-21 97TH ST on: 12/19/2022	WNW 1/8 - 1/4 (0.176 mi.)	V89	29
Lower Elevation	Address	Direction / Distance	Map ID	Page
SAFEGUARD SELF STORA Database: UST, Date of Government Versi	101-09 103RD AVENUE on: 12/19/2022	SSE 0 - 1/8 (0.031 mi.)	C13	11
M&M REALTY Database: UST, Date of Government Versi	103-15 101 ST on: 12/19/2022	SSE 0 - 1/8 (0.080 mi.)	C27	14
THE VOGES MFG. COMPA Database: UST, Date of Government Versi	103-11 98TH STREET on: 12/19/2022	SSW 0 - 1/8 (0.123 mi.)	K49	19
106TH PCT Database: UST, Date of Government Versi	103-55 101ST STREET on: 12/19/2022	SSE 1/8 - 1/4 (0.150 mi.)	Q71	25
QUEENS FARMS DAIRY I Database: UST, Date of Government Versi	103-45 98TH ST on: 12/19/2022	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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
<i>OZONE INDUSTRIES</i> 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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
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.

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

Facility Id: 2-000073				
(GARAGE) O. Z. QUIC Database: AST, Date of Government Facility Id: 2-602623	97-33 100TH STREET Version: 12/19/2022	NW 0 - 1/8 (0.097 mi.)	H38	17
JACMOR TRANSPORATION Database: AST, Date of Government Facility Id: 2-083275	97-26 99TH STREET Version: 12/19/2022	NW 1/8 - 1/4 (0.132 mi.)	057	21
C + C AUTO WORKS, IN Database: AST, Date of Government Facility Id: 2-610147	97-08 101ST STREET Version: 12/19/2022	NNW 1/8 - 1/4 (0.147 mi.)	M62	22
99-09 95TH STREET Database: AST, Date of Government Facility Id: 2-612264	99-09 95TH STREET Version: 12/19/2022	WNW 1/8 - 1/4 (0.192 mi.)	V98	31
PROVVISIERO BROTHERS Database: AST, Date of Government Facility Id: 2-613136	105-17 101ST AVENUE Version: 12/19/2022	NE 1/8 - 1/4 (0.210 mi.)	Y107	33
Lower Elevation	Address	Direction / Distance	Map ID	Page
CAR HAVEN 99 CORP Database: AST, Date of Government Facility Id: 2-608040	103-24 99TH ST Version: 12/19/2022	S 0 - 1/8 (0.124 mi.)	J51	20
ENGINE 285 / LADDER Database: AST, Date of Government Facility Id: 2-358215	103-17 98TH STREET Version: 12/19/2022	SSW 0 - 1/8 (0.125 mi.)	K52	20
97-05 103 AVE Database: AST, Date of Government Facility Id: 2-081108	97-05 103 AVE Version: 12/19/2022	SW 1/8 - 1/4 (0.138 mi.)	K60	22
106TH PCT Database: AST, Date of Government Facility Id: 2-217557	103-55 101ST STREET Version: 12/19/2022	SSE 1/8 - 1/4 (0.150 mi.)	Q70	24
103-35 97 STREET Database: AST, Date of Government Facility Id: 2-361402	103-35 97 STREET Version: 12/19/2022	SSW 1/8 - 1/4 (0.181 mi.)	S92	29
J & SONS AUTO REPAIR Database: AST, Date of Government Facility Id: 2-611199	103-55 99TH STREET Version: 12/19/2022	S 1/8 - 1/4 (0.184 mi.)	U93	30
JOHNNYS AUTO REPAIRS Database: AST, Date of Government Facility Id: 2-610612	103-55 99TH STREET Version: 12/19/2022	S 1/8 - 1/4 (0.184 mi.)	U94	30
103-45-97 STREET Database: AST, Date of Government Facility Id: 2-361399	103-45 97 STREET Version: 12/19/2022	SSW 1/8 - 1/4 (0.192 mi.)	S99	31
DOM CORP C/O ZBIGNIE Database: AST, Date of Government Facility Id: 2-282049	101-43 95TH STREET Version: 12/19/2022	WSW 1/8 - 1/4 (0.194 mi.)	100	31
103-55 97TH STREET Database: AST, Date of Government Facility Id: 2-365564	103-55 97TH STREET Version: 12/19/2022	SSW 1/8 - 1/4 (0.206 mi.)	S104	32
AMIGO COLLISION & ME Database: AST, Date of Government	100-10 LIBERTY AVE Version: 12/19/2022	SSE 1/8 - 1/4 (0.221 mi.)	119	36

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
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.

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

104 ST AND 101 AVE 2008-07-10	NE 0 - 1/8 (0.125 mi.)	G54	21
Address	Direction / Distance	Map ID	Page
100TH ST & 103RD AVE 2003-04-22	S 0 - 1/8 (0.056 mi.)	C22	13
101-70 99TH STREET 1994-04-25	SSW 0 - 1/8 (0.067 mi.)	E26	14
103-22 99TH ST 2003-02-13	SSW 0 - 1/8 (0.108 mi.)	J39	17
98TH ST. AND 103RD A 2004-08-26	SW 0 - 1/8 (0.110 mi.)	K40	17
-	104 ST AND 101 AVE 2008-07-10 Address 100TH ST & 103RD AVE 2003-04-22 101-70 99TH STREET 1994-04-25 103-22 99TH ST 2003-02-13 98TH ST. AND 103RD A 2004-08-26	104 ST AND 101 AVE NE 0 - 1/8 (0.125 mi.) Address Direction / Distance 100TH ST & 103RD AVE S 0 - 1/8 (0.056 mi.) 2003-04-22 S 0 - 1/8 (0.067 mi.) 101-70 99TH STREET SSW 0 - 1/8 (0.067 mi.) 103-22 99TH ST SSW 0 - 1/8 (0.108 mi.) 2003-02-13 SW 0 - 1/8 (0.110 mi.)	104 ST AND 101 AVE 2008-07-10 NE 0 - 1/8 (0.125 mi.) G54 Address 100TH ST & 103RD AVE 2003-04-22 Direction / Distance S 0 - 1/8 (0.056 mi.) Map ID C22 101-70 99TH STREET 1994-04-25 SSW 0 - 1/8 (0.067 mi.) E26 103-22 99TH ST 2003-02-13 SSW 0 - 1/8 (0.108 mi.) J39 98TH ST. AND 103RD A SW 0 - 1/8 (0.110 mi.) K40

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
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.)	134	16
CON EDISON	101-36 98TH ST	WSW 0 - 1/8 (0.113 mi.)	L45	18

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

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
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:: 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

EPA ID:: NYP004437323				
CON EDISON SERVICE B EPA ID:: NYP004437331	95-12 97TH AVE	WNW 1/8 - 1/4 (0.241 mi.)	AA143	41
CON EDISON SERVICE B EPA ID:: NYP004495834	103-04 LIBERTY AVE F	SE 1/8 - 1/4 (0.243 mi.)	AF151	43
CON EDISON EPA ID:: NYP004834285	103-04 LIBERTY AVE	SE 1/8 - 1/4 (0.243 mi.)	AF152	43

NY DRYCLEANERS: A review of the NY DRYCLEANERS list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 NY DRYCLEANERS site within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
METROPOLITAN GARMENT Facility Id: 2-6307-01164	101-20 101ST STREET	WNW 0 - 1/8 (0.016 mi.)	A5	9

NY E DESIGNATION: A review of the NY E DESIGNATION list, as provided by EDR, and dated 10/27/2022 has revealed that there is 1 NY E DESIGNATION site within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 25, TAXBLOCK 9403	101-17 101 AVENUE	N 0 - 1/8 (0.054 mi.)	B21	13

NY HSWDS: A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 NY HSWDS site within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LIBERTY HEAT TREATIN	100-15 94TH AVE.	NNW 1/4 - 1/2 (0.300 mi.)	AI162	46

NY MANIFEST: A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 66 NY MANIFEST sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OZONE INDUSTRIES EPA ID: NYD044689818	101-32 101ST ST	WSW 0 - 1/8 (0.016 mi.)	A3	8
METROPOLITAN GARMENT EPA ID: NYR000064907	101-20 101ST STREET	WNW 0 - 1/8 (0.016 mi.)	A7	9
CON EDISON EPA ID: NYP004521332	100-08 101ST AVE	NW 0 - 1/8 (0.033 mi.)	D15	11
NYCDEP EPA ID: NYP003663879	100TH ST & 101ST AVE	NW 0 - 1/8 (0.054 mi.)	D20	13
CON EDISON	101-04 103RD ST	NE 0 - 1/8 (0.063 mi.)	B24	14

EPA ID: NYP004494308				
NYCDEP EPA ID: NYP003661832	99TH ST BTW 97TH AVE	WNW 0 - 1/8 (0.066 mi.)	D25	14
CON EDISON EPA ID: NYP004494290	97-41 100TH ST	NW 0 - 1/8 (0.086 mi.)	H30	15
CON ED EPA ID: NYP004486924	98-11 101ST AVE	WNW 0 - 1/8 (0.094 mi.)	135	16
CON EDISON EPA ID: NYP004800934	101-36 98TH ST	WSW 0 - 1/8 (0.113 mi.)	L46	18
SAL & SON INC EPA ID: NYD982727356	97-21 101ST ST	NNW 0 - 1/8 (0.120 mi.)	M48	19
CON EDISON EPA ID: NYP004494274	97-44 104TH ST FRONT	NNE 1/8 - 1/4 (0.132 mi.)	N56	21
CON ED EPA ID: NYP004674156	103-16 104 ST	ESE 1/8 - 1/4 (0.134 mi.)	P58	21
CON EDISON EPA ID: NYP004499786	104-05 101 AVE	NE 1/8 - 1/4 (0.146 mi.)	N61	22
CON EDISON SERVICE B EPA ID: NYP004443339	98TH ST & 99TH AVE	WNW 1/8 - 1/4 (0.147 mi.)	O63	22
SUPERSTAR AUTO COLLI EPA ID: NYD986950830	97-07 100TH ST	NNW 1/8 - 1/4 (0.148 mi.)	M65	23
CON EDISON EPA ID: NYP004494282	97-07 100TH ST	NNW 1/8 - 1/4 (0.148 mi.)	M67	24
CON EDISON EPA ID: NYP004788063	101-08 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M72	25
CON EDISON EPA ID: NYP004788071	101-08 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M74	25
CON EDISON EPA ID: NYP004552055	101-04 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M78	26
CON EDISON EPA ID: NYP004552063	101-04 97TH AVE SB13	NNW 1/8 - 1/4 (0.152 mi.)	M80	27
CON EDISON SERVICE B EPA ID: NYP004455481	97-16 104TH ST	NNE 1/8 - 1/4 (0.166 mi.)	N86	28
NYCDEP EPA ID: NYP003663234	97TH AVE & 100 ST	NNW 1/8 - 1/4 (0.168 mi.)	T87	28
CON EDISON SERVICE B EPA ID: NYP004413076	101-03 97TH AVE FRON	NNW 1/8 - 1/4 (0.178 mi.)	T90	29
CON EDISON EPA ID: NYP004502324	105-01 103 AVE FRNT	E 1/8 - 1/4 (0.179 mi.)	W91	29
CON EDISON SERVICE B EPA ID: NYP004462453	105-12 101ST AVE	NE 1/8 - 1/4 (0.203 mi.)	Y101	31
CON EDISON SERVICE B EPA ID: NYP004452942	104-06 97TH AVE	NNE 1/8 - 1/4 (0.204 mi.)	102	32
CON EDISON EPA ID: NYP004531950	105-15 103RD AVE FRO	E 1/8 - 1/4 (0.206 mi.)	W103	32
CON EDISON	105-15 103 AVE	E 1/8 - 1/4 (0.208 mi.)	W105	32

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
<i>MTA NYCT - 104TH STR</i> 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
CON EDISON EPA ID: NYP004544730 Lower Elevation	97-45 WOODHAVEN BLVD	W 1/8 - 1/4 (0.243 mi.) Direction / Distance	AG156 Map ID	44 Page
CON EDISON EPA ID: NYP004544730 Lower Elevation OZONE INDUSTRIES FOR EPA ID: NYR000203505	97-45 WOODHAVEN BLVD Address 101-35 99TH ST	W 1/8 - 1/4 (0.243 mi.) Direction / Distance SW 0 - 1/8 (0.050 mi.)	AG156 <u>Map ID</u> <i>E16</i>	44 Page 11
CON EDISON EPA ID: NYP004544730 Lower Elevation OZONE INDUSTRIES FOR EPA ID: NYR000203505 CON EDISON EPA ID: NYP004550372	97-45 WOODHAVEN BLVD <u>Address</u> <i>101-35 99TH ST</i> 101-42 98TH ST	W 1/8 - 1/4 (0.243 mi.) Direction / Distance SW 0 - 1/8 (0.050 mi.) WSW 0 - 1/8 (0.113 mi.)	AG156 <u>Map ID</u> <i>E16</i> L41	44 Page 11 17
CON EDISON EPA ID: NYP004544730 Lower Elevation OZONE INDUSTRIES FOR EPA ID: NYR000203505 CON EDISON EPA ID: NYP004550372 NYCDEP EPA ID: NYP003664042	97-45 WOODHAVEN BLVD Address 101-35 99TH ST 101-42 98TH ST 103-53 101ST ST	W 1/8 - 1/4 (0.243 mi.) Direction / Distance SW 0 - 1/8 (0.050 mi.) WSW 0 - 1/8 (0.113 mi.) SSE 1/8 - 1/4 (0.148 mi.)	AG156 <u>Map ID</u> <i>E16</i> L41 Q64	44 Page 11 17 23
CON EDISON EPA ID: NYP004544730 Dever Elevation OZONE INDUSTRIES FOR EPA ID: NYR000203505 CON EDISON EPA ID: NYP004550372 NYCDEP EPA ID: NYP003664042 CON EDISON SERVICE B EPA ID: NYP004422390	97-45 WOODHAVEN BLVD <u>Address</u> 101-35 99TH ST 101-42 98TH ST 103-53 101ST ST 103-32 98TH ST FRONT	W 1/8 - 1/4 (0.243 mi.) Direction / Distance SW 0 - 1/8 (0.050 mi.) WSW 0 - 1/8 (0.113 mi.) SSE 1/8 - 1/4 (0.148 mi.) SSW 1/8 - 1/4 (0.159 mi.)	AG156 Map ID E16 L41 Q64 S84	 44 Page 11 17 23 28
CON EDISON EPA ID: NYP004544730 DZONE INDUSTRIES FOR EPA ID: NYR000203505 CON EDISON EPA ID: NYP004550372 NYCDEP EPA ID: NYP003664042 CON EDISON SERVICE B EPA ID: NYP004422390 CON EDISON EPA ID: NYP004581310	97-45 WOODHAVEN BLVD Address 101-35 99TH ST 101-42 98TH ST 103-53 101ST ST 103-32 98TH ST FRONT 103-36 98 ST FRNT	W 1/8 - 1/4 (0.243 mi.) Direction / Distance SW 0 - 1/8 (0.050 mi.) WSW 0 - 1/8 (0.113 mi.) SSE 1/8 - 1/4 (0.148 mi.) SSW 1/8 - 1/4 (0.159 mi.) SSW 1/8 - 1/4 (0.162 mi.)	AG156 Map ID E16 L41 Q64 S84 S85	 44 Page 11 17 23 28 28 28
CON EDISON EPA ID: NYP004544730 DZONE INDUSTRIES FOR EPA ID: NYR000203505 CON EDISON EPA ID: NYP004550372 NYCDEP EPA ID: NYP003664042 CON EDISON SERVICE B EPA ID: NYP004422390 CON EDISON EPA ID: NYP004581310 CON EDISON EPA ID: NYP004685848	97-45 WOODHAVEN BLVD Address 101-35 99TH ST 101-42 98TH ST 103-53 101ST ST 103-32 98TH ST FRONT 103-36 98 ST FRNT 103-45 99 ST FRNT	W 1/8 - 1/4 (0.243 mi.) Direction / Distance SW 0 - 1/8 (0.050 mi.) WSW 0 - 1/8 (0.113 mi.) SSE 1/8 - 1/4 (0.148 mi.) SSW 1/8 - 1/4 (0.159 mi.) SSW 1/8 - 1/4 (0.162 mi.) S 1/8 - 1/4 (0.175 mi.)	AG156 Map ID E16 L41 Q64 S84 S85 U88	 44 Page 11 17 23 28 28 29
CON EDISON EPA ID: NYP004544730 DZONE INDUSTRIES FOR EPA ID: NYR000203505 CON EDISON EPA ID: NYP004550372 NYCDEP EPA ID: NYP003664042 CON EDISON SERVICE B EPA ID: NYP004422390 CON EDISON EPA ID: NYP004581310 CON EDISON EPA ID: NYP004685848 QUEENS FARMS DAIRY EPA ID: NYR000012351	97-45 WOODHAVEN BLVD Address 101-35 99TH ST 101-42 98TH ST 103-53 101ST ST 103-36 98 ST FRNT 103-45 99 ST FRNT 103-45 98TH ST	W 1/8 - 1/4 (0.243 mi.) Direction / Distance SW 0 - 1/8 (0.050 mi.) WSW 0 - 1/8 (0.113 mi.) SSE 1/8 - 1/4 (0.148 mi.) SSW 1/8 - 1/4 (0.159 mi.) SSW 1/8 - 1/4 (0.175 mi.) S 1/8 - 1/4 (0.184 mi.)	AG156 Map ID E16 L41 Q64 S85 U88 U88 U95	 44 Page 11 17 23 28 28 29 30
CON EDISON EPA ID: NYP004544730 DZONE INDUSTRIES FOR EPA ID: NYR000203505 CON EDISON EPA ID: NYP004550372 NYCDEP EPA ID: NYP003664042 CON EDISON SERVICE B EPA ID: NYP004422390 CON EDISON EPA ID: NYP004581310 CON EDISON EPA ID: NYP004685848 QUEENS FARMS DAIRY EPA ID: NYR000012351 CON EDISON SERVICE B EPA ID: NYP004450284	97-45 WOODHAVEN BLVD Address 101-35 99TH ST 101-42 98TH ST 103-53 101ST ST 103-36 98 ST FRNT 103-45 99 ST FRNT 103-45 98TH ST 103-45 98TH ST 98-07 97TH AVE	W 1/8 - 1/4 (0.243 mi.) Direction / Distance SW 0 - 1/8 (0.050 mi.) WSW 0 - 1/8 (0.113 mi.) SSE 1/8 - 1/4 (0.148 mi.) SSW 1/8 - 1/4 (0.159 mi.) S 1/8 - 1/4 (0.175 mi.) S 1/8 - 1/4 (0.184 mi.) NW 1/8 - 1/4 (0.192 mi.)	AG156 Map ID E16 L41 Q64 S85 U88 U88 U95 X97	 44 Page 11 17 23 28 28 28 29 30 31
CON EDISON EPA ID: NYP004544730 DZONE INDUSTRIES FOR EPA ID: NYR000203505 CON EDISON EPA ID: NYP004550372 NYCDEP EPA ID: NYP003664042 CON EDISON SERVICE B EPA ID: NYP004422390 CON EDISON EPA ID: NYP004581310 CON EDISON EPA ID: NYP004685848 QUEENS FARMS DAIRY EPA ID: NYR000012351 CON EDISON SERVICE B EPA ID: NYR000012351 CON EDISON SERVICE B EPA ID: NYP004450284 CON EDISON EPA ID: NYP004196218	97-45 WOODHAVEN BLVD Address 101-35 99TH ST 101-42 98TH ST 103-53 101ST ST 103-35 98TH ST FRONT 103-45 99 ST FRNT 103-45 98TH ST 98-07 97TH AVE LIBERTY AVE & 99TH S	W 1/8 - 1/4 (0.243 mi.) Direction / Distance SW 0 - 1/8 (0.050 mi.) WSW 0 - 1/8 (0.113 mi.) SSE 1/8 - 1/4 (0.113 mi.) SSW 1/8 - 1/4 (0.148 mi.) SSW 1/8 - 1/4 (0.162 mi.) S 1/8 - 1/4 (0.175 mi.) S 1/8 - 1/4 (0.192 mi.) NW 1/8 - 1/4 (0.212 mi.)	AG156 Map ID E16 L41 Q64 S84 S85 U88 U95 X97 U110	 44 Page 11 17 23 28 28 29 30 31 34

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

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.

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

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
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	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
NYCDEP EPA Id: NYP003664042	103-53 101ST ST	SSE 1/8 - 1/4 (0.148 mi.)	Q64	23	
CON EDISON EPA ld: 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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
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	
Lower Elevation	Address	Direction / Distance	Map ID	Page	
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		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



DDRESS: 10121 101 Street CONTACT: Rache DDRESS: 10121 101 Street CONTACT: Rache Ozone Park NY 11416 INQUIRY #: 73516 AT/LONG: 40.684634 / 73.84089 DATE: May 3	hel M Ataman 608.2s 31, 2023 8:56 pm

Т

DETAIL MAP - 7351608.2S



LAT/LONG:

40.684634 / 73.84089

DATE:

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Lists of Federal NPL (Se	uperfund) site	s						
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Lists of Federal Deliste	d NPL sites							
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites su CERCLA removals and	ıbject to CERCLA orde	ers						
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of Federal CERCL	A sites with N	FRAP						
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Lists of Federal RCRA f undergoing Corrective	facilities Action							
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA	TSD facilities							
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA	generators							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 1 0	0 2 3	NR NR NR	NR NR NR	NR NR NR	0 3 3
Federal institutional col engineering controls re	ntrols / gistries							
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribat hazardous waste faciliti	l ies							
NY SHWS	1.000		1	0	1	1	NR	3
Lists of state and tribal and solid waste dispose	landfills al facilities							
NY SWF/LF	0.500		0	0	1	NR	NR	1
Lists of state and tribal	leaking storag	ge tanks						
INDIAN LUST	0.500		0	0	0	NR	NR	0

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
Lists of state and tribal	registered sto	orage tanks						
FEMA UST NY UST NY CBS UST NY MOSF UST NY MOSF NY CBS	0.250 0.250 0.500 0.500 0.250 0.250		0 4 1 0 0 1	0 5 0 0 0	NR NR 0 0 NR	NR NR NR NR NR	NR NR NR NR NR	0 9 1 0 1
NY AST NY CBS AST NY MOSF AST INDIAN UST NY TANKS	0.250 0.250 0.500 0.250 0.250		4 0 0 0 0	14 0 0 0 0	NR NR 0 NR NR	NR NR NR NR NR	NR NR NR NR NR	18 0 0 0 0
State and tribal institution control / engineering co	onal ontrol registrie	s						
NY RES DECL NY ENG CONTROLS NY INST CONTROL	0.125 0.500 0.500		0 0 0	NR 0 0	NR 0 0	NR NR NR	NR NR NR	0 0 0
Lists of state and tribal	voluntary clea	anup sites						
NY VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of state and tribal	brownfield sit	es						
NY BROWNFIELDS NY ERP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONME		<u>S</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	0	NR	NR	1
Local Lists of Landfill / Waste Disposal Sites	Solid							
NY SWTIRE NY SWRCY INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardou Contaminated Sites	s waste /							
US HIST CDL NY DEL SHWS US CDL	TP 1.000 TP		NR 0 NR	NR 0 NR	NR 0 NR	NR 0 NR	NR NR NR	0 0 0
Local Lists of Registere	d Storage Tar	ıks						
NY HIST UST	0.250		0	0	NR	NR	NR	0

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 LIENS 2	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Records of Emergency I	Release Repo	orts						
HMIRS NY Spills NY Hist Spills NY SPILLS 90 NY SPILLS 80	TP 0.125 0.125 0.125 0.125		NR 11 0 0 0	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	0 11 0 0 0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO	0.250 1.000 1.000 0.500 TP TP 0.250 TP TP 1.000 TP TP TP TP TP TP TP TP TP TP		14 0 0 NRR 0 NRR 0 NR NR NR NR NR NR NR NR NR NR NR NR NR	42 0 0 NR 0 NR 0 NR 0 NR NR NR NR NR NR NR NR NR NR NR NR NR	NR 0 0 0 NR NR NR 0 NR	NR 0 0 NR NR NR NR NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR NR NR NR N	56 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES ABANDONED MINES FINDS UXO DOCKET HWC ECHO FUELS PROGRAM	TP TP 1.000 1.000 0.500 TP TP 0.250 0.250 TP 1.000 TP TP 0.250		NR 0 0 0 NR 0 NR 0 NR 0 NR 0 NR 0 0 NR 0 0 0 0	NR NR 0 0 0 NR 0 NR 0 NR 0 NR 0 NR 0 NR	NR NR 0 0 0 NR NR NR NR NR NR NR NR NR NR	NR 0 0 NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR NR NR NR	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS NPL PFAS FEDERAL SITES PFAS TSCA PFAS RCRA MANIFEST PFAS ATSDR PFAS NPDES PFAS ECHO PFAS ECHO FIRE TRAINII PFAS PART 139 AIRPORT AQUEOUS FOAM NRC NY PFAS NY AIRS NY COAL ASH NY COAL ASH NY COAL ASH NY DRYCLEANERS NY E DESIGNATION NY Financial Assurance NY HSWDS NY LEAD NY MANIFEST PA MANIFEST PA MANIFEST NJ MANIFEST NJ SPDES NY VAPOR REOPENED NY UIC NY COOLING TOWERS PFAS TRIS MINES MRDS	0.250 TP 0.500 TP 0.500 TP 0.250 0.250 0.250	1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 N 0 0 RR 0 R4 1 5 R 0 RR 0 0	NR R R R R R R R R R O R R R N N N N N N	NR N	NR NR NR R R R R R R R R R R R R R R R	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $
EDR HIGH RISK HISTORICAL	RECORDS							
EDR Exclusive Records								
EDR MGP EDR Hist Auto EDR Hist Cleaner	1.000 0.125 0.125		0 0 4	0 NR NR	0 NR NR	0 NR NR	NR NR NR	0 0 4
EDR RECOVERED GOVERNI		/ES						
Exclusive Recovered Gov	vt. Archives							
NY RGA HWS NY RGA LF	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 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 ID Direction Distance		MAP FINDINGS		EDR ID Number
Elevation	Site		Database(s)	EPA ID Number
A1 Target Property	CON EDISON 101-21 101ST ST QUEENS, NY 11419		NY MANIFEST	S118090271 N/A
Actual: 39 ft.	Click here for full text deta NY MANIFEST EPA ID NYP004778899	<u>iils</u>		
A2 SW < 1/8 0.004 mi. 23 ft.	OZONE INDUSTRIES 100TH ST. BETWEEN 101S OZONE PARK, NY 11417	TAND 103RD AVENUES	NY SHWS NY VAPOR REOPENED	S105586302 N/A
Relative: Higher	Click here for full text deta NY SHWS Site Code 58595 Class Code Significant thre	ails eat to the public health or environment - action required	L.	
	NY VAPOR REOPENED Site Code 241033 Facility Status Underway			
A3 WSW < 1/8 0.016 mi.	OZONE INDUSTRIES 101-32 101ST ST OZONE PARK, NY 11416		NY CBS UST NY CBS NY AST NY Spills	1000311571 NYD044689818
83 ft. Relative: Higher	Click here for full text deta	<u>ills</u>	RCRA NonGen / NLR US AIRS NY MANIFEST	
	NY CBS UST Id/Status: 2-000073 / NO Tank Status 2 Facility Status 3	D LONGER A MAJOR FACILITY		
	NY CBS Facility Status Unregulated CBS Number 2-000073	/Closed		
	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		MAP FINDINGS		
Elevation	Site		Database(s)	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
Relative: Higher	Click here for full text details			
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
Bolativo:	Click here for full text details			
Higher	NY DRYCLEANERS Facility Id 2-6307-01164			
A6 WNW < 1/8 0.016 mi.	SUNFLOWER CLEANERS 10120 101ST ST OZONE PARK, NY 11416		EDR Hist Cleaner	1018587369 N/A
84 ft. Relative: Higher	Click here for full text details			
A7 WNW < 1/8 0.016 mi. 84 ft	METROPOLITAN GARMENT CLEANING 101-20 101ST STREET OZONE PARK, NY 11416		RCRA-SQG ICIS US AIRS NY MANIFEST	1001233306 NYR000064907
Relative: Higher	Click here for full text details RCRA-SQG EPA Id NYR000064907			
	ICIS FRS ID: 110008105898			
	US AIRS EPA plant ID: 110002363718			

Map ID	MAP FINDINGS		
Direction Distance Elevation	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
Relative: Higher	Click here for full text details 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.	CON EDISON 101-55 100TH ST OZONE PARK, NY 11416	RCRA NonGen / NLR	1019909067 NYP004880668
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA Id NYP004880668		
A10 WNW < 1/8 0.026 mi.	CON EDISON 101-55 100TH ST QUEENS, NY 11416	NJ MANIFEST	S120678241 N/A
Relative: Higher	Click here for full text details NJ MANIFEST EPA Id NYP004880668		
B11 North < 1/8 0.029 mi.	METROPOLITAN GARMENT 10120 101ST AVE JAMAICA, NY 11416	EDR Hist Cleaner	1018616579 N/A
100 IT.	Click here for full text details		

Relative: Higher

Map ID Direction	MAP FINDINGS				
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			NY LTANKS	S106868908 N/A
Relative: Lower	Click here for full text deta NY LTANKS Spill Number/Closed Date (Site ID 338946 Spill Date 2005-03-16	<u>ls</u> 413103 / 2005-06-07			
C13 SSE < 1/8 0.031 mi. 164 ft.	SAFEGUARD SELF STORA 101-09 103RD AVENUE OZONE PARK, NY 11416	βE		NY UST	U004048207 N/A
Relative: Lower	Click here for full text deta	<u>ls</u>			
D14 NW < 1/8 0.033 mi. 176 ft	CON EDISON SERVICE BO) 100-08 101ST AVE OZONE PARK, NY 11416	: 26595	F	RCRA NonGen / NLR FINDS	1017774325 NYP004521332
Relative: Higher	Click here for full text deta RCRA NonGen / NLR EPA Id NYP004521332	<u>ls</u>			
	FINDS Registry ID: 110063770575				
D15 NW < 1/8 0.033 mi. 176 ft.	CON EDISON 100-08 101ST AVE OZONE PARK, NY 11416			NY MANIFEST	S117059929 N/A
Relative: Higher	Click here for full text deta NY MANIFEST EPA ID NYP004521332	<u>ls</u>			
E16 SW < 1/8 0.050 mi. 262 ft.	OZONE INDUSTRIES FORM 101-35 99TH ST OZONE PARK, NY 11416	ĒR	F	RCRA NonGen / NLR FINDS ECHO NY MANIFEST	1016451758 NYR000203505
Relative: Lower	Click here for full text deta RCRA NonGen / NLR EPA ld NYR000203505	<u>ls</u>			

			4	
Map ID Direction		MAP FINDINGS		
Elevation	Site		Database(s)	EPA ID Number
	OZONE INDUSTRIES FORM	ER (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 A\ EAST ELMHURST, NY 1136	/E 9	RCRA NonGen / NLR FINDS ECHO	1018278277 NYP004730404
Deletive.	Click here for full text deta	ils		
Relative: Lower	RCRA NonGen / NLR EPA ld 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
270 m.	Click here for full text deta	ils		
Relative: Higher	NY Spills Spill Number/Closed Date (Site ID 331447 Spill Date 2001-10-26)107664 / 2003-10-10		
D19 NW < 1/8 0.053 mi. 282 ff	MANHOLE 24851 101 AV & 100 ST QUEENS, NY		NY Spills	S104193028 N/A
ZOZ IL	Click here for full text deta	ils		
Relative: Higher	NY Spills Spill Number/Closed Date 9 Site ID 63122	9904717 / 1999-07-26		

Spill Date 1999-07-20

Map ID		MAP FINDINGS		
Distance Elevation	Site		Database(s)	EDR ID Number EPA ID Number
D20 NW < 1/8 0.054 mi.	NYCDEP 100TH ST & 101ST AVE OZONE PARK, NY 11416	F	RCRA NonGen / NLR NY MANIFEST	1014395488 NYP003663879
Relative:	Click here for full text deta	ils		
nighei	RCRA NonGen / NLR EPA ld NYP003663879			
	NY MANIFEST EPA ID NYP003663879			
B21 North < 1/8 0.054 mi.	LOT 25,TAXBLOCK 9403 101-17 101 AVENUE QUEENS, NY 11416		NY E DESIGNATION	S114559844 N/A
Relative: Higher	Click here for full text deta	<u>ils</u>		
C22 South < 1/8 0.056 mi.	SPILL NUMBER 0205794 100TH ST & 103RD AVE QUEENS, NY		NY Spills	S106007144 N/A
297 ft. Relative:	Click here for full text deta	ils		
Lower	NY Spills Spill Number/Closed Date Site ID 86190 Spill Date 2002-09-04	0205794 / 2003-04-22		
B23 NE < 1/8 0.063 mi. 332 ft.	CON EDISON SERVICE BO) 101-04 103RD ST OZONE PARK, NY 11416	(: 23904 F	RCRA NonGen / NLR FINDS	1017772472 NYP004494308
Relative:	Click here for full text deta	ils		
- inginer	PCPA NonCon / NLP			

RCRA NonGen / NLR EPA ld NYP004494308

FINDS

Registry ID: 110063780519

Map ID Direction		MAP FINDINGS		
Elevation	Site		Database(s)	EPA ID Number
B24 NE < 1/8 0.063 mi. 332 ft.	CON EDISON 101-04 103RD ST OZONE PARK, NY 11416		NY MANIFEST	S118087025 N/A
Relative: Higher	Click here for full text deta NY MANIFEST EPA ID NYP004494308	ils		
D25 WNW < 1/8 0.066 mi. 348 ft.	NYCDEP 99TH ST BTW 97TH AVE & OZONE PARK, NY	101ST	NY MANIFEST	1009235705 N/A
Relative: Higher	Click here for full text deta NY MANIFEST EPA ID NYP003661832	ils		
E26 SSW < 1/8 0.067 mi. 354 ft.	101-70 99TH STREET 101-70 99TH STREET OZONE PARK, NY		NY Spills	S102147429 N/A
Relative: Lower	Click here for full text deta NY Spills Spill Number/Closed Date Site ID 125477 Spill Date 1993-12-14	<mark>ils</mark> 9311105 / 1994-04-25		
C27 SSE < 1/8 0.080 mi.	M&M REALTY 103-15 101 ST OZONE PARK, NY 11417		NY UST	U004224044 N/A
Relative: Lower	Click here for full text deta	<u>ils</u>		
F28 ESE < 1/8 0.082 mi. 435 ft.	103RD ST & 103RD AVE/QU 103RD ST & 103RD AVE NEW YORK CITY, NY	NS	NY LTANKS	1002984276 N/A
Relative: Higher	Click here for full text deta NY LTANKS Spill Number/Closed Date Site ID 288689 Spill Date 1990-01-26	<mark>ils</mark> 3910300 / 1992-12-08		

Map ID		MAP FINDINGS]	
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. MAF 103-12 101ST. AVE. NEW YORK CITY, NY	2	NY LTANKS	S100559977 N/A
Relative: Higher	Click here for full text deta NY LTANKS Spill Number/Closed Date Spill Number/Closed Date Site ID 297730 Site ID 172122 Spill Date 1987-10-20 Spill Date 1988-08-01	iils 8706124 / 1993-03-17 8803832 / 1993-03-17		
H30 NW < 1/8 0.086 mi. 452 ft. Relative:	CON EDISON 97-41 100TH ST OZONE PARK, NY 11416 Click here for full text deta	<u>ills</u>	NY MANIFEST	S118087024 N/A
Higher	NY MANIFEST EPA ID NYP004494290			
H31 NW < 1/8 0.086 mi.	CON EDISON SERVICE BO 97-41 100TH ST OZONE PARK, NY 11416	K: 50687	RCRA NonGen / NLR FINDS	1017772471 NYP004494290
452 ft. Relative: Higher	Click here for full text deta RCRA NonGen / NLR EPA ld NYP004494290	<u>ills</u>		
	FINDS Registry ID: 110063780500)		
H32 WNW < 1/8 0.086 mi. 453 ft.	CINDYS DRY CLEANERS 9817 101ST AVE JAMAICA, NY 11416		EDR Hist Cleaner	1019954581 N/A
Polative	Click here for full text deta	<u>iils</u>		

Relative: Higher

Map ID Direction	MAP FI	NDINGS	
Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
133 INW : 1/8 0.092 mi.	DRUM RUN 97-38 101ST STREET QUEENS, NY	NY Spills	S111457709 N/A
487 ft. Relative: Higher	Click here for full text details NY Spills Spill Number/Closed Date 1112041 / 2012-02-02 Site ID 459965 Spill Date 2012-01-15		
34 WNW < 1/8).094 mi. 195 ft.	CON EDISON SERVICE BOX: 11064 98-11 101ST AVE OZONE PARK, NY 11416	RCRA NonGen / NLR	1017771747 NYP004486924
Relative: Higher	RCRA NonGen / NLR EPA Id NYP004486924		
35 WNW < 1/8).094 mi.	CON ED 98-11 101ST AVE OZONE PARK, NY 11416	NY MANIFEST	S116297110 N/A
Relative: ligher	Click here for full text details NY MANIFEST EPA ID NYP004486924		
36 E : 1/8 .095 mi. 99 ft.		NY LTANKS	S101341231 N/A
telative: ligher	Click here for full text details NY LTANKS Spill Number/Closed Date 9412058 / 2003-02-28 Site ID 246336 Spill Date 1994-12-07		
/37 South : 1/8).096 mi. 507 ft.	SEOUL MACHINERY INC 10325 100TH ST OZONE PARK, NY 11417	EDR Hist Cleaner	1018848224 N/A
Relative:	UICK here for full text details		

Lower

Map ID	MAP FINDINGS		
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	NY AST	U003065913 N/A
Relative: Higher	Click here for full text details 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	NY Spills	S102663560 N/A
Relative: Lower	Click here for full text details 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	NY Spills	S106698638 N/A
Relative: Lower	Click here for full text details 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	NY MANIFEST	S118087676 N/A
Relative: Lower	Click here for full text details 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	RCRA NonGen / NLR	1017777150 NYP004550372
Relative: Lower	Click here for full text details RCRA NonGen / NLR EPA Id NYP004550372		

Map ID Direction		MAP FINDINGS		
Distance Elevation	Site		Database(s)	EDR ID Number EPA ID Number
H43 NW < 1/8 0.113 mi. 599 ft.	99TH STREET 97-36 99TH STREET QUEENS, NY		NY Spills	S107787298 N/A
Relative:	Click here for full text deta	ils.		
ngner	NY Spills Spill Number/Closed Date (Site ID 362481 Spill Date 2006-04-12	0600484 / 2006-05-01		
L44 WSW < 1/8 0.113 mi. 599 ft	CON EDISON 101-36 98TH ST OZONE PARK, NY 11416		NJ MANIFEST	S120673358 N/A
Relative:	Click here for full text deta	il <u>s</u>		
Higher	NJ MANIFEST EPA Id NYP004800934			
L45 WSW < 1/8 0.113 mi. 599 ft.	CON EDISON 101-36 98TH ST OZONE PARK, NY 11416	F	₹CRA NonGen / NLR FINDS ECHO	1019904680 NYP004800934
Relative:	Click here for full text deta	il <u>s</u>		
nigilei	RCRA NonGen / NLR EPA ld NYP004800934			
	FINDS Registry ID: 110069647555			
	ECHO Registry ID 110069647555			
L46 WSW < 1/8 0.113 mi.	CON EDISON 101-36 98TH ST OZONE PARK, NY 11416		NY MANIFEST	S119076197 N/A
Relative	Click here for full text deta	ils		

Higher

NY MANIFEST EPA ID NYP004800934

Map ID Direction Distance Elevation	Site	MAP FINDINGS	Database(s)	EDR ID Number EPA ID Number
J47 South < 1/8 0.114 mi.	MAIN LINE AUTO COLLISION INC 103-32 101ST ST OZONE PARK, NY 11417		RCRA NonGen / NLR FINDS ECHO	1000552699 NYD986951044
601 ft. Relative: Lower	Click here for full text details RCRA NonGen / NLR EPA Id NYD986951044			
	FINDS Registry ID: 110004465999			
	ECHO Registry ID 110004465999			
M48 NNW < 1/8 0.120 mi. 634 ft. Relative: Higher	SAL & SON INC 97-21 101ST ST OZONE PARK, NY 11416		RCRA NonGen / NLR FINDS ECHO NY MANIFEST	1000108176 NYD982727356
	Click here for full text details 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		NY UST	U003065808 N/A

Relative: Click here for full text details

Lower

Map ID Direction		MAP FINDINGS		
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	F	RCRA NonGen / NLR FINDS ECHO	1000424657 NYD001213826
Relative: Lower	Click here for full text deta RCRA NonGen / NLR EPA ld NYD001213826	<u>ils</u>		
	FINDS Registry ID: 110004332598			
	ECHO Registry ID 110004332598			
J51 South < 1/8 0.124 mi. 655 ft. Relative: Lower	CAR HAVEN 99 CORP 103-24 99TH ST OZONE PARK, NY 11417		NY AST	A100293473 N/A
	Click here for full text deta NY AST Facility Id 2-608040	ils		
K52 SSW < 1/8 0.125 mi. 658 ft.	ENGINE 285 / LADDER 142 103-17 98TH STREET OZONE PARK, NY 11417		NY AST	U003394383 N/A
Relative: Lower	Click here for full text deta NY AST Facility Id 2-358215	ils		
G53 NE < 1/8 0.125 mi. 659 ft.	TM 5792 104TH ST & 101ST AVE QUEENS, NY		NY Spills	S104285114 N/A
Relative: Higher	Click here for full text deta NY Spills Spill Number/Closed Date S Site ID 97993 Spill Date 1999-12-29	ils 9911386 / 2002-03-28		

Map ID Direction		MAP FINDINGS				
Distance Elevation	Site		Data	abase(s)	EDR ID Number EPA ID Number	
G54 NE < 1/8 0.125 mi. 659 ft	212041; 104 ST AND 101 AV 104 ST AND 101 AVE NEW YORK, NY	E	Ν	Y Spills	S110306343 N/A	
Relative: Higher	Click here for full text deta	ils				
	NY Spills Spill Number/Closed Date (Site ID 432440 Spill Date 2008-06-20	814236 / 2008-07-10				
N55 NNE 1/8-1/4 0.132 mi. 697 ft.	CON EDISON SERVICE BOX 97-44 104TH ST FRONT OF OZONE PARK, NY 11416	: 13506	RCRA NonGe	RCRA NonGen / NLR FINDS		
Relative: Higher	Click here for full text deta 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		NY MA	NIFEST	S118087022 N/A	
Relative: Higher	Click here for full text deta NY MANIFEST EPA ID NYP004494274	il <u>s</u>				
O57 NW 1/8-1/4 0.132 mi. 699 ft.	JACMOR TRANSPORATION 97-26 99TH STREET OZONE PARK, NY 11420	INC		NY UST NY AST	U003074322 N/A	
Relative: Higher	Click here for full text deta	ils				
	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		ΝΥ ΜΑ	NIFEST	S117737717 N/A	
Relative: Higher	Click here for full text deta NY MANIFEST EPA ID NYP004674156	<u>ils</u>				

		I.	1	
Map ID		MAP FINDINGS		
Direction	۲		1	
Elevation	Site		Database(s)	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			
	ACRES property ID 151022			
K60 SW	97-05 103 AVE 97-05 103 AVE		NY AST	U000401825 N/A
1/8-1/4 0.138 mi. 730 ft.	OZONE PARK, NY 11416			
Relative: Lower	Click here for full text details			
	NY AST Facility Id 2-081108			
N61 NE 1/8-1/4	CON EDISON 104-05 101 AVE QUEENS, NY 11432		NY MANIFEST	S116551488 N/A
0.146 mi. 771 ft.				
Relative: Higher	Click here for full text details			
	EPA ID NYP004499786			
M62 NNW	C + C AUTO WORKS, INC. 97-08 101ST STREET		NY AST	A100293428 N/A
1/8-1/4 0.147 mi. 774 ft.	OZONE PARK, NY 11416			
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	F	RCRA NonGen / NLR NY MANIFEST	1016970617 NYP004443339
Relative: Higher	Click here for full text details			
Higner	RCRA NonGen / NLR EPA ld NYP004443339			
	NY MANIFEST			

EPA ID NYP004443339
EDR ID Number EPA ID Number

NYP003664042

Q64 NYCDEP

 SSE
 103-53 101ST ST

 1/8-1/4
 OZONE PARK, NY 11417

 0.148 mi.

780 ft. Relative:

Click here for full text details

Lower PC

RCRA NonGen / NLR EPA ld NYP003664042

NY MANIFEST

EPA ID NYP003664042

NJ MANIFEST

EPA Id NYP003664042

M65SUPERSTAR AUTO COLLISION & REPAIRNNW97-07 100TH ST1/8-1/4OZONE PARK, NY 11416

0.148 mi. 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
NNW	97-07 100TH ST
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 ld NYP004494282

FINDS

Registry ID: 110063780494

RCRA NonGen / NLR 1000552679 FINDS NYD986950830 ECHO NY MANIFEST

Database(s)

NY MANIFEST

NJ MANIFEST

RCRA NonGen / NLR 1014395506

RCRA NonGen / NLR 1017772470 FINDS NYP004494282

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Map ID	MAP FINDINGS		
Direction Distance Elevation	۲	Database(s)	EDR ID Number EPA ID Number
M67 NNW 1/8-1/4 0.148 mi.	CON EDISON 97-07 100TH ST OZONE PARK, NY 11416	NY MANIFEST	S118087023 N/A
783 ft. Relative: Higher	Click here for full text details 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	NY LTANKS	S101341295 N/A
Relative: Higher	Click here for full text details 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.	106 PRECINCT NYPD -DDC 103-55 101ST STREET OZONE PARK, NY	NY LTANKS NY Spills	S104951008 N/A
794 ft. Relative: Lower	Click here for full text details 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.	106TH PCT 103-55 101ST STREET OZONE PARK, NY 11417	NY AST	U003074605 N/A
794 ft. Relative: Lower	Click here for full text details NY AST Facility Id 2-217557		

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Map ID Direction		MAP FINDINGS		
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		NY UST	U004081715 N/A
Relative: Lower	Click here for full text details			
M72 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON 101-08 97TH AVE SB13528 OZONE PARK, NY 11416		NY MANIFEST	S119075573 N/A
Relative: Higher	Click here for full text details NY MANIFEST EPA ID NYP004788063			
M73 NNW 1/8-1/4 0.152 mi.	CON EDISON 101-08 97TH AVE SB13529 OZONE PARK, NY 11416		NJ MANIFEST	S120672245 N/A
Relative: Higher	Click here for full text details 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		NY MANIFEST	S119075574 N/A
Relative: Higher	Click here for full text details NY MANIFEST EPA ID NYP004788071			
M75 NNW 1/8-1/4 0.152 mi.	CON EDISON 101-08 97TH AVE SB13528 OZONE PARK, NY 11416		NJ MANIFEST	S120672244 N/A
Relative: Higher	Click here for full text details			

EPA Id NYP004788063

		MAP FINDINGS		
Site			Database(s)	EDR ID Number EPA ID Number
CON EDISON 101-08 97TH AVE SB13529 OZONE PARK, NY 11416			RCRA NonGen / NLR FINDS ECHO	1019903634 NYP004788063
Click here for full text deta	<u>ils</u>			
RCRA NonGen / NLR EPA Id NYP004788063				
FINDS Registry ID: 110069670056	i			
ECHO Registry ID 110069670056				
CON EDISON 101-08 97TH AVE SB13529 OZONE PARK, NY 11416			RCRA NonGen / NLR	1019903635 NYP004788071
Click here for full text deta	<u>ils</u>			
RCRA NonGen / NLR EPA ld NYP004788071				
CON EDISON 101-04 97TH AVE SB13529 OZONE PARK, NY 11416			NY MANIFEST	S118087686 N/A
Click here for full text deta	<u>ils</u>			
NY MANIFEST EPA ID NYP004552055				
CON EDISON SERVICE BOX 101-04 97TH AVE SB13528 OZONE PARK, NY 11416	X: 13528		RCRA NonGen / NLR	1017777314 NYP004552063
Click here for full text deta	<u>ils</u>			
RCRA NonGen / NLR EPA Id NYP004552063				

Map ID		MAP FINDINGS			
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			NY MANIFEST	S118087687 N/A
Relative: Higher	Click here for full text deta NY MANIFEST EPA ID NYP004552063	il <u>s</u>			
M81 NNW 1/8-1/4 0.152 mi. 800 ft.	CON EDISON SERVICE BO 101-04 97TH AVE SB13529 OZONE PARK, NY 11416	:: 13529	RCR	A NonGen / NLR FINDS	1017777313 NYP004552055
Relative: Higher	Click here for full text deta RCRA NonGen / NLR EPA ld NYP004552055	ils			
	FINDS Registry ID: 110063818944				
P82 ESE 1/8-1/4 0.159 mi.	REMEDY REMOVAL INC 103-21 104TH ST OZONE PARK, NY 11417		RCR	A NonGen / NLR FINDS ECHO	1000201684 NYD982725210
838 ft. Relative: Higher	Click here for full text deta RCRA NonGen / NLR EPA ld NYD982725210	il <u>s</u>			
	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			NY UST	U003200551 N/A
000 n.	Click here for full text deta	ils			

Relative: Higher

Map ID Direction Distance			MAP FINDINGS		EDR ID Number
Elevation	Site			Database(s)	EPA ID Number
S84 SSW 1/8-1/4 0.159 mi. 839 ft.	CON EDISON SERVICE BOX: 103-32 98TH ST FRONT OF OZONE PARK, NY 11417	19595	F	RCRA NonGen / NLR NY MANIFEST	1016968615 NYP004422390
Relative: Lower	Click here for full text details RCRA NonGen / NLR EPA Id NYP004422390	<u>5</u>			
	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	2			
N86 NNE 1/8-1/4 0.166 mi. 879 ft.	CON EDISON SERVICE BOX: 5 97-16 104TH ST OZONE PARK, NY 11416	S13500	I	RCRA NonGen / NLR NY MANIFEST	1016971798 NYP004455481
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA ld NYP004455481	<u>5</u>			
	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		r	RCRA NonGen / NLR NY MANIFEST	1014395429 NYP003663234
Relative: Higher	Click here for full text details RCRA NonGen / NLR EPA ld NYP003663234	5			
	NY MANIFEST				

EPA ID NYP003663234

Map ID Direction	MAP FINDINGS				
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			NY MANIFEST	S117737872 N/A
Relative: Lower	Click here for full text deta	<u>ils</u>			
	EPA ID NYP004685848				
V89 WNW 1/8-1/4 0.176 mi. 927 ft.	KAM THERMAL EQUIPLMEI 98-21 97TH ST OZONE PARK, NY 11416	NT LTD		NY UST	U000399363 N/A
Relative: Higher	Click here for full text deta	<u>ils</u>			
T90 NNW 1/8-1/4 0.178 mi.	CON EDISON SERVICE BO 101-03 97TH AVE FRONT OI OZONE PARK, NY 11416	(: 13528 -	F	RCRA NonGen / NLR NY MANIFEST	1016967709 NYP004413076
Relative: Higher	Click here for full text deta RCRA NonGen / NLR EPA ld NYP004413076	<u>ils</u>			
	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			NY MANIFEST	S117736370 N/A
Relative: Higher	Click here for full text deta NY MANIFEST EPA ID NYP004502324	ils			
S92 SSW 1/8-1/4 0.181 mi. 957 ft.	103-35 97 STREET 103-35 97 STREET OZONE PARK, NY 11417			NY AST	U003391700 N/A
Relative: Lower	Click here for full text deta NY AST Facility Id 2-361402	ils			

F

Map ID		MAP FINDINGS		
Distance				EDR ID Number
Elevation	Site		Database(s)	EPA ID Number
U93 South 1/8-1/4 0.184 mi. 969 ft.	J & SONS AUTO REPAIR IN 103-55 99TH STREET OZONE PARK, NY 11417	C.	NY AST	A100521416 N/A
Relative:	Click here for full text deta	il <u>s</u>		
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	1417	NY AST	A100521376 N/A
Relative:	Click here for full text deta	il <u>s</u>		
Lower	NY AST Facility Id 2-610612			
U95 South 1/8-1/4 0.184 mi.	QUEENS FARMS DAIRY 103-45 98TH ST OZONE PARK, NY 11417	R	CRA NonGen / NLR FINDS ECHO NY MANIFEST	1001029003 NYR000012351
Bolativo:	Click here for full text deta	ils		
Lower	RCRA NonGen / NLR EPA ld 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	:	NY UST	U003644405 N/A
Relative: Lower	Click here for full text deta	<u>ils</u>		

Map ID Direction			MAP FINDINGS			
Distance Elevation	Site			Datab	base(s)	EDR ID Number EPA ID Number
X97 NW 1/8-1/4 0.192 mi.	CON EDISON SERVICE BOX 98-07 97TH AVE OZONE PARK, NY 11416	(: 58197		RCRA NonGen NY MAN	n / NLR NFEST	1016971292 NYP004450284
Relative:	Click here for full text deta	<u>ils</u>				
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			N	IY AST	A100394245 N/A
Relative:	Click here for full text deta	<u>ils</u>				
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			Ν	IY AST	U003391699 N/A
Relative:	Click here for full text deta	<u>ils</u>				
Lower	NY AST Facility Id 2-361399					
100 WSW 1/8-1/4 0.194 mi.	DOM CORP C/O ZBIGNIEW, 101-43 95TH STREET OZONE PARK, NY 11416	KUCHARSKI		N	IY AST	U003388858 N/A
Relative:	Click here for full text deta	<u>ils</u>				
Lower	NY AST Facility Id 2-282049					
Y101 NE 1/8-1/4 0.203 mi. 1074 ft	CON EDISON SERVICE BOX 105-12 101ST AVE OZONE PARK, NY 11416	3: 26604		RCRA NonGer NY MAN	n / NLR NIFEST	1016972470 NYP004462453
Relative:	Click here for full text deta	<u>ils</u>				
Higher	RCRA NonGen / NLR EPA Id NYP004462453					
	NY MANIFEST					

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

Map ID		MAP FINDINGS		
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	R	CRA NonGen / NLR FINDS ECHO	1000434676 NYD982726796
Relative: Higher	Click here for full text detail RCRA NonGen / NLR EPA ld NYD982726796	5		
	FINDS Registry ID: 110004428227			
	ECHO Registry ID 110004428227			
Y107 NE 1/8-1/4 0.210 mi.	PROVVISIERO BROTHERS, I 105-17 101ST AVENUE OZONE PARK, NY 11416	NC.	NY AST	A100491315 N/A
Relative: Higher	Click here for full text detail NY AST Facility Id 2-613136	<u>5</u>		
Y108 NE 1/8-1/4 0.210 mi. 1109 ft.	PROVVISIERO BROTHERS IN 10517 101ST AVE JAMAICA, NY 11416	c	NY MANIFEST	S117562658 N/A
Relative: Higher	Click here for full text detail NY MANIFEST EPA ID NYD982726796	<u>5</u>		
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 detail	<u>s</u>		

NY MANIFEST

EPA ID NYP004494321

Map ID Direction			MAP FINDINGS		
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		F	RCRA NonGen / NLR NY MANIFEST	1014397303 NYP004196218
Relative: Lower	Click here for full text detain RCRA NonGen / NLR EPA Id NYP004196218	<u>ls</u>			
	NY MANIFEST EPA ID NYP004196218				
W111 East 1/8-1/4 0.212 mi. 1119 ft.	CON EDISON SERVICE BOX 105-17 103RD AVE FRONT C OZONE PARK, NY 11416	: 63397 DF	F	RCRA NonGen / NLR	1017772474 NYP004494324
Relative: Higher	Click here for full text detail RCRA NonGen / NLR EPA Id NYP004494324	<u>ls</u>			
Z112 SSE 1/8-1/4 0.215 mi. 1134 ft.	CON EDISON LIBERTY AVE & 102ND ST OZONE PARK, NY 11417			NY MANIFEST	S118087105 N/A
Relative: Lower	Click here for full text detail NY MANIFEST EPA ID NYP004507869	<u>ls</u>			
Z113 SSE 1/8-1/4 0.215 mi.	CON EDISON SERVICE BOX LIBERTY AVE & 102ND ST OZONE PARK, NY 11417	: 63115	F	RCRA NonGen / NLR	1017773008 NYP004507869
Relative: Lower	Click here for full text detail RCRA NonGen / NLR EPA Id NYP004507869	<u>ls</u>			
AA114 WNW 1/8-1/4 0.217 mi. 1148 ft.	NYCDEP 97TH AVE & 97TH ST QUEENS, NY 11416			NY MANIFEST	1009399866 N/A
Relative: Lower	Click here for full text detail	<u>ls</u>			

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	N	IAP FINDINGS		
Site			Database(s)	EDR ID N EPA ID N
NYCDEP 97TH AVE & 97TH ST OZONE PARK, NY 11416			RCRA NonGen / NLR	1027532 NYP0030
Click here for full text deta	<u>ils</u>			
RCRA NonGen / NLR EPA Id NYP003662624				
CON EDISON SERVICE BOX 95-36 97TH AVE OZONE PARK, NY 11416	K: 30221		RCRA NonGen / NLR NY MANIFEST	1016970 NYP004
Click here for full text deta	<u>ils</u>			
RCRA NonGen / NLR EPA ld NYP004437356				
NY MANIFEST EPA ID NYP004437356				
CON EDISON SERVICE BOX 95-14 100TH ST FRONT OF OZONE PARK, NY 11416	(: 31753		RCRA NonGen / NLR NY MANIFEST	1016971 NYP004
Click here for full text deta	<u>ils</u>			
RCRA NonGen / NLR EPA ld NYP004448486				
NY MANIFEST EPA ID NYP004448486				
CON EDISON SERVICE BOX 95-16 100TH ST FRONT OF OZONE PARK, NY 11416	(: 31756		RCRA NonGen / NLR NY MANIFEST	1016971 NYP0044
Click here for full text deta	<u>ils</u>			
RCRA NonGen / NLR EPA Id NYP004448445				
NY MANIFEST FPA ID NYP004448445				

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Direction	L	MAP FINDINGS		
Distance	0 1			EDR ID Number
Elevation	Site		Database(s)	EPA ID Number
119 SSE 1/8-1/4 0.221 mi. 1160 ft	AMIGO COLLISION & MECHANIC CORP. 100-10 LIBERTY AVE OZONE PARK, NY 11417		NY AST	A100293028 N/A
Relative:	Click here for full text details			
LOWEI	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		NY AST	A100358186 N/A
Relative: Lower	Click here for full text details			
	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		RCRA-VSQG NY MANIFEST	1004761181 NYR000079020
Relative: Lower	Click here for full text details RCRA-VSQG EPA Id NYR000079020			
	NY MANIFEST EPA ID NYR000079020			
AC122 NNW 1/8-1/4 0.223 mi.	CON EDISON 95-14 102 ST QUEENS, NY 11432		NY MANIFEST	S117063836 N/A
1176 ft.	Click here for full text details			
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		RCRA NonGen / NLR NY MANIFEST	1008195545 NYP004108312
Relative:	Click here for full text details			
Lower	RCRA NonGen / NLR EPA ld NYP004108312			
	NY MANIFEST			

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

EPA ld NYP004507919

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Map ID Direction		MAP FINDINGS		
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		NY MANIFEST	S116551309 N/A
Relative: Higher	Click here for full text deta NY MANIFEST EPA ID NYP004497616	ils		
X129 NW 1/8-1/4 0.228 mi. 1203 ft.	SON OF SUPERSTAR INC D 95-20 98TH ST OZONE PARK, NY 11416	BA SOS AUTO BODY	RCRA-VSQG US AIRS NY MANIFEST	1000125396 NYD982727323
Relative: Lower	Click here for full text deta RCRA-VSQG EPA ld NYD982727323	il <u>s</u>		
	US AIRS EPA plant ID: 11000442848	37		
	NY MANIFEST EPA ID NYD982727323			
AA130 WNW 1/8-1/4 0.230 mi.	CON EDISON SERVICE BOX 95-18 97TH AVE OZONE PARK, NY 11416	: 36409	RCRA NonGen / NLR NY MANIFEST	1016970035 NYP004437315
Relative: Lower	Click here for full text deta RCRA NonGen / NLR EPA Id NYP004437315	<u>ils</u>		
	NY MANIFEST EPA ID NYP004437315			
131 North 1/8-1/4 0.231 mi.	CON EDISON SERVICE BOX 95-22 104TH ST OZONE PARK, NY 11416	: 13493	RCRA NonGen / NLR	1016971552 NYP004452959
1218 ft. Relative: Higher	Click here for full text deta	ils.		

RCRA NonGen / NLR EPA Id NYP004452959

Map ID		_	MAP FINDINGS		
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 95-39 97TH AVE FRONT OF WOODHAVEN, NY 11421	(: 36410		RCRA NonGen / NLR NY MANIFEST	1016972458 NYP004462339
Relative: Lower	Click here for full text deta RCRA NonGen / NLR EPA Id NYP004462339	ils			
	NY MANIFEST EPA ID NYP004462339				
Z133 SSE 1/8-1/4 0.231 mi. 1220 ft	CON EDISON SERVICE BOX 102-08 LIBERTY AVE FRON OZONE PARK, NY 11417	(: 21380 T OF		RCRA NonGen / NLR NY MANIFEST	1016968556 NYP004421806
Relative: Lower	Click here for full text deta RCRA NonGen / NLR EPA Id NYP004421806	<u>ils</u>			
	NY MANIFEST EPA ID NYP004421806				
AD134 SSW 1/8-1/4 0.232 mi.	CVS PHARMACY #2719 97-01 LIBERTY AVE OZONE PARK, NY 11417			NY MANIFEST	S119079162 N/A
Relative: Lower	Click here for full text deta NY MANIFEST EPA ID NYR000197244	ils			
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	<u>Click here for full text deta</u> PA MANIFEST	<u>ils</u>			

Generator EPA Id NYR000197244

Map ID Direction		MAP FINDINGS	
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	RCRA-VSQG	1015747253 NYR000197244
Relative: Lower	Click here for full text deta	<u>ils</u>	
	EPA ld NYR000197244		
AA137 WNW 1/8-1/4 0.236 mi. 1244 ft	CON EDISON SERVICE BOX 95-16 97TH AVE OZONE PARK, NY 11416	K: 36408 RCRA NonGen / NLR NY MANIFEST	1016970036 NYP004437323
Relative:	Click here for full text deta	<u>ils</u>	
Lower	RCRA NonGen / NLR EPA ld NYP004437323		
	NY MANIFEST EPA ID NYP004437323		
AD138 South 1/8-1/4 0.236 mi. 1245 ft.	MTA NYCT - LIBERTY AVE 9 97-24 LIBERTY AVE OZONE PARK, NY 11417	98TH ST SUBSTATION RCRA-SQG	1023968691 NYR000233452
Relative:	Click here for full text deta	<u>ils</u>	
LOWEI	RCRA-SQG EPA ld NYR000233452		
AE139 SE 1/8-1/4 0.236 mi.	CON EDISON 104-09 LIBERTY AVE QUEENS, NY 11420	NY MANIFEST	S116550838 N/A
Relative:	Click here for full text deta	<u>ils</u>	
Higher	NY MANIFEST EPA ID NYP004492599		
AE140 SE 1/8-1/4 0.238 mi.	ROMA CLEANERS CORP 104-07 LIBERTY AVE OZONE PARK, NY 11417	RCRA NonGen / NLR FINDS ECHO	1000141868 NYD986890283
Relative:	Click here for full text deta	<u>ils</u>	
Higher	RCRA NonGen / NLR EPA ld NYD986890283		

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n			MAP FINDINGS		
e on	Site			Database(s)	EDR ID Numbe
	ROMA CLEANERS CORP (Continued)			1000141868
	Registry ID: 11000444221	0			
	ECHO Registry ID 110004442210)			
ni.	CON EDISON 104-09 LIBERTY AVE FROM OZONE PARK, NY 11417	IT OF		NY MANIFEST	S116550834 N/A
e:	Click here for full text deta NY MANIFEST EPA ID NYP004492559	<u>ails</u>			
ıi.	CON EDISON SERVICE BO 104-09 LIBERTY AVE FROM OZONE PARK, NY 11417	X: 22478 IT OF		RCRA NonGen / NLR	1017772299 NYP00449255
:	Click here for full text deta RCRA NonGen / NLR EPA Id NYP004492559	ails			
	CON EDISON SERVICE BO 95-12 97TH AVE OZONE PARK, NY 11416	X: 36407		RCRA NonGen / NLR NY MANIFEST	1016970037 NYP00443733
	Click here for full text deta	ails			
	RCRA NonGen / NLR EPA Id NYP004437331				
	NY MANIFEST EPA ID NYP004437331				
	MTA NYCT - 104TH STREE 104TH ST & LIBERTY AVE QUEENS, NY 11417	T STATION - A LINE	Ξ	NJ MANIFEST	S120678996 N/A
:	Click here for full text deta NJ MANIFEST EPA Id NYR000206979	<u>ails</u>			

1ap ID irection						
vistance levation	Site		Database(s)	EDR ID Number EPA ID Number		
E145 E /8-1/4 .241 mi. 275 ft.	CON EDISON - MANHOLE 3 104TH AVE & LIBERTY AVE QUEENS, NY 11417	60	NY MANIFEST	S120959217 N/A		
elative:	Click here for full text deta	ils				
ngriei	NY MANIFEST EPA ID NYP005002829					
E146 E /8-1/4 .241 mi. 275 ft	MTA NYCT - 104TH STREET 104TH ST & LIBERTY AVE QUEENS, NY 11417	STATION - A LINE	FINDS ECHO NY MANIFEST	1016455594 N/A		
elative	Click here for full text details					
ligher	FINDS Registry ID: 110057070360	,				
	ECHO Registry ID 110057070360					
	NY MANIFEST EPA ID NYR000206979					
≣147 ≣ B-1/4 241 mi.	MTA NYCT 104TH STREET 104TH ST & LIBERTY AVE OZONE PARK, NY 11417	STATION A LINE	RCRA-SQG	1027533025 NYR000206979		
lative	Click here for full text deta	ils				
her	RCRA-SQG EPA Id NYR000206979					
-148 	CON EDISON 103-04 LIBERTY AVE FRON OZONE PARK, NY 11417	T OF	NY Spills NY MANIFEST	S108465883 N/A		
ative:	Click here for full text deta	ils				
wer	NY Spills Spill Number/Closed Date (Site ID 377096 Spill Date 2007-02-08	0612280 / 2007-02-08				
	NY MANIFEST					

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NY MANIFEST EPA ID NYP004495834

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

Registry ID 110069694003

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Direction	L	MAP FINDINGS		
Distance Elevation	Site		Database(s)	EDR ID Number EPA ID Number
AG153 West 1/8-1/4 0.243 mi.	CON EDISON SERVICE BOX: 44 97-45 WOODHAVEN BLVD OZONE PARK, NY 11416	1296	RCRA NonGen / NLR	1017776610 NYP004544730
Relative	Click here for full text details			
Higher	RCRA NonGen / NLR EPA Id NYP004544730			
AG154 West 1/8-1/4 0.243 mi. 1284 ft.	CON EDISON 97-45 WOODHAVEN BLVD FRO OZONE PARK, NY 11416	NT OF	NY MANIFEST	S117062060 N/A
Relative:	Click here for full text details			
Higher	NY MANIFEST EPA ID NYP004543898			
AG155 West 1/8-1/4 0.243 mi. 1284 ft	CON EDISON SERVICE BOX: 44 97-45 WOODHAVEN BLVD FRO OZONE PARK, NY 11416	1296 NT OF	RCRA NonGen / NLR	1017776529 NYP004543898
Relative:	Click here for full text details			
Higher	RCRA NonGen / NLR EPA Id NYP004543898			
AG156 West 1/8-1/4 0.243 mi.	CON EDISON 97-45 WOODHAVEN BLVD OZONE PARK, NY 11416		NY MANIFEST	S117062141 N/A
1284 ft.	Click here for full text details			
Higher	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:	Click here for full text details			
Lower	NY MANIFEST EPA ID NYP000921247			

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 98-21 ROCKAWAY BLVD NEW YORK CITY, NY	INFO	NY LTANKS	S100146052 N/A
Relative:	Click here for full text deta	<u>ls</u>		
Lower	NY LTANKS Spill Number/Closed Date S Site ID 182100 Spill Date 1990-05-31	002397 / 2003-03-04		
AH159 South 1/4-1/2 0.274 mi.	AMOCO GAS STATION 97-09 ROCKAWAY BLVD QUEENS, NY		NY LTANKS	S105999301 N/A
1448 ft. Relative [.]	Click here for full text deta	ls		
Lower	NY LTANKS Spill Number/Closed Date 0 Site ID 137469 Spill Date 2003-06-28	303304 / 2003-06-30		
AH160 South 1/4-1/2 0.274 mi.	AMOCO STATION 97-02 ROCKAWAY BLVD QUEENS, NY		NY LTANKS	S103558225 N/A
1448 ft.	Click here for full text deta	<u>ls</u>		
Relative: Lower	NY LTANKS Spill Number/Closed Date S Site ID 224197 Spill Date 1998-10-30	809619 / 1998-11-06		
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
Relative:	Click here for full text deta	<u>ls</u>		
Higher	NY LTANKS Spill Number/Closed Date S Site ID 181365 Spill Date 1995-09-12	507137 / 1995-09-12		

Map ID		MAP FINDINGS	1	
Direction Distance Elevation	Site		Database(s)	EDR ID Number EPA ID Number
Al162 NNW 1/4-1/2 0.300 mi. 1584 ft	LIBERTY HEAT TREATING C 100-15 94TH AVE. OZONE PARK, NY 11416	:O., INC	NY HSWDS	S108147101 N/A
Relative: Higher	Click here for full text detai	<u>ls</u>		
163 WSW 1/4-1/2 0.307 mi. 1620 ft.	HARIEAT HOME 101 -22 94TH STREET OZONE PARK, NY		NY LTANKS	S107658658 N/A
Relative: Lower	Click here for full text detail NY LTANKS Spill Number/Closed Date 0 Site ID 360166 Spill Date 2006-02-27	<u>ls</u> 513664 / 2006-03-07		
Al164 NNW 1/4-1/2 0.309 mi. 1629 ft.	LIBERTY HEAT TREATING C 100-15 94TH AVE OZONE PARK, NY 11416	O INC	SEMS-ARCHIVE RCRA NonGen / NLR	1000219803 NYD053169694
Relative: Higher	Click here for full text detai SEMS-ARCHIVE Site ID 0203098 EPA Id NYD053169694	<u>Is</u>		
	RCRA NonGen / NLR EPA ld NYD053169694			
165 NW 1/4-1/2 0.324 mi. 1711 ft.	PREVETE BROS INC 97-30 ATLANTIC AVE OZONE PARK, NY 11416		NY SWF/LF RCRA NonGen / NLR FINDS ECHO NY MANIFEST	1000791008 NYD987025046
Relative: Higher	Click here for full text detai	<u>ls</u>	NY SPDES	
	EPA ld NYD987025046			
	FINDS Registry ID: 110004499347 Registry ID: 110055166234			
	ECHO Registry ID 110055166234 Registry ID 110004499347			

NY MANIFEST

Map ID Direction	MAP FINDINGS		
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	NY SHWS	S113916705 N/A
Relative: Higher	Click here for full text details 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	NY LTANKS	S100144942 N/A
Relative: Higher	Click here for full text details 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	NY LTANKS	S102672781 N/A
Relative: Higher	Click here for full text details 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	NY LTANKS	S102659884 N/A
Relative: Lower	Click here for full text details NY LTANKS Spill Number/Closed Date 9208482 / 1992-11-16 Site ID 312231 Spill Date 1992-10-22		

170 WNW 1/4-1/2 0.459 mi. 2425 ft	93-02 ATLANTIC AVE/SHELL 93-02 ATLANTIC AVE OZONE PARK, NY	NY LTANKS NY Spills	S100143909 N/A
Relative: Higher	Click here for full text details NY LTANKS 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		
	NY Spills 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		
171 WSW 1/4-1/2 0.483 mi.	SAINT SANTISLAUS CHURCH 90-01 101ST AVE. OZONE PARK, NY	NY LTANKS	S106702778 N/A
2550 ft. Relative:	Click here for full text details		
Lower	NY LTANKS Spill Number/Closed Date 0406589 / 2006-07-17 Site ID 212266 Spill Date 2004-09-14		
172 NNE 1/4-1/2 0.497 mi. 2623 ft	108-01 ATLANTIC AV/QUEENS 108-01 ATLANTIC AVE RICHMOND HILL, NY	NY LTANKS NY Spills	S102663388 N/A
Relative:	Click here for full text details		
Higher	NY LTANKS Spill Number/Closed Date 8708713 / 1992-09-25 Site ID 80198 Spill Date 1988-01-12		
	NY Spills		

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

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

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

0.779 mi. 4115 ft.

Click here for full text details

Relative: Higher

NY SHWS Site Code 338776 NY SHWS S113916592 N/A

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

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
NY	VAPOR REOPENED	Vapor Intrusion Legacy Site List	Department of Environmenal 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	AQUEQUS 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 DOF	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	FPA	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 Transporation Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPI	National Priority List Deletions	FPA	04/26/2023	05/02/2023	05/17/2023
115	FCHO	Enforcement & Compliance History Information	Environmental Protection Agency	01/01/2023	01/04/2023	04/03/2023
	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR Inc	01/01/2023	01/04/2020	04/03/2023
115	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR Inc			
	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
119			EDIC, mc. Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
119	EPNIS	En A WATCHTEIST Emergency Response Notification System	National Response Center, United States Coast	03/20/2013	03/21/2014	05/30/2023
110		Enderal Eacility Site Information listing	Environmental Protection Agency	03/20/2023	03/21/2023	05/30/2023
110		Federal and Indian Lands		03/20/2023	03/20/2023	11/06/2010
	FEDLAND	Feueral and indian Lands		04/02/2010	04/11/2010	11/00/2019
	FINDS	Eacility Index System/Eacility Registry System		03/08/2023	03/09/2023	03/30/2023
110	ETTO	FIEDA/TSCA Tracking System FIEDA/Foderol Incontinida Fu	EFA EBA/Office of Brovention, Bestinides and Tavi	02/02/2023	02/20/2023	05/24/2023
		FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu		04/09/2009	04/16/2009	05/11/2009
110		Fir RA 130A Hacking System - Fir RA (Federal Insecticide, Fu	LFA	04/09/2009	04/10/2009	05/11/2009
05		Formerly Used Delense Siles		02/01/2023	02/14/2023	05/02/2023
110		EFA Fuels Flogrann Registered Listing	EFA Department of Energy	02/13/2023	02/14/2023	10/22/2023
03		FUTTHETTY UTILIZED Sites Refinedial Action Flogram	Department of Energy	10/10/2021	07/27/2021	10/22/2021
05		FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
05		FIFRA/ISCA Tracking System inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
05		Integrated Compliance Information Reporting System	C.S. Department of Transportation	03/19/2023	03/21/2023	03/30/2023
05		Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
05	INDIANU LIST DA	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
05		Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/19/2022	12/06/2022	03/03/2023
05	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	11/23/2022	12/06/2022	04/19/2023
05	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	11/26/2022	12/06/2022	03/03/2023
05	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	10/14/2022	12/06/2022	03/03/2023
05	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
05		Leaking Underground Storage Tanks on Indian Land		11/23/2022	12/06/2022	03/03/2023
US	INDIAN LUST K9	Leaking Underground Storage Lanks on Indian Land	Environmental Protection Agency	11/23/2022	12/06/2022	03/03/2023
US		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		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

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 Lisitng	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 Conditional	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

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
ст		Hazardaya Wasta Masifast Data	Department of Energy & Environmental Dratacti	11/16/2022	11/16/2022	02/06/2022
		Hazardous waste Mannest Data	Department of Environmental Protection	11/10/2022	11/10/2022	02/06/2023
		Manifest Information	Department of Environmental Protection	12/31/2010	04/10/2019	05/16/2019
		Manifest information	Department of Environmental Management	10/30/2010	07/19/2019	09/10/2019
		Mannest mornation	Department of Environmental Concernation	12/31/2020	11/30/2021	02/10/2022
V I \\\/I		Hazardous waste Mannest Data	Department of Netural Resources	10/26/2019	10/29/2019	01/09/2020
VVI	WI MANIFEST	Mannest mormation	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 D	ata	Endeavor Business Media			

St Acronym

Full Name

Government Agency

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

Flood Plain Panel at Target Property	FEMA Source Type
3604970237F	FEMA FIRM Flood data
Additional Panels in search area:	FEMA Source Type
3604970229F 3604970058B 3604970066B 3604970236F	FEMA FIRM Flood data FEMA Q3 Flood data FEMA Q3 Flood data FEMA FIRM Flood data
NATIONAL WETLAND INVENTORY	
	NWI Electronic
INVI Quad at Target Property	Uata Coverage
JAIMAICA	TES - TETET 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 EDA ID Number:	
Croundwater Flow Direction	
Groundwater Flow Direction:	NOT AVAILABLE.
Interred Depth to water:	approximately 60 feet.
Hydraulic Connection:	permeable deposits are located above the surficial aquifer and the
	sufficial aquifer is hydraulically connected to underlying aquifers.
Sole Source Aquifer:	A sole source aquifer is persent 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.

LOCATION

FROM TP

MAP ID Not Reported GENERAL DIRECTION GROUNDWATER FLOW

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

GEOLOGIC AGE IDENTIFICATION

Sequence

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

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.

a hydric soil.

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

OTHER SOIL TYPES IN AREA

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

silt loam loamy sand sandy loam fine sandy loam
silt loam loamy sand sandy loam fine sandy loam
sandy loam
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

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

FEDERAL USGS WELL INFORMATION

MAP ID

WELL ID

LOCATION FROM TP

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



SITE NAME: 10121 101st Street	CLIENT: Touchstone Environmental Geology, Corp
ADDRESS: 10121 101 Street	CONTACT: Rachel M Ataman
Ozone Park NY 11416	INQUIRY #: 7351608.2s
LAT/LONG: 40.684634 / 73.84089	DATE: May 31, 2023 8:57 pm
	Canvaluta @ 2022 EDD Inc. @ 2015 Tam Tam Dat. 2015

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

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 Page: 2

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 Page: 3

Map ID Direction Distance Elevation

Database EDR ID Number

27 NW 1/2 - 1 Mile Higher

NY WELLS NYREG1000009718

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 >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for QUEENS COUNTY, NY

Number of sites tested: 81

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
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



National Cooperative Soil Survey

Conservation Service

Page 1 of 3

MA	P LEGEND	MAP INFORMATION	
Area of Interest (AOI) Area of Interest (AO	I) Stony Spot	The soil surveys that comprise your AOI were mapped at 1:12,000.	
Soils	M Very Stony Spot	Warning: Soil Map may not be valid at this scale.	
Soil Map Unit Polyge	ons 🤠 Wet Spot	Enlargement of maps beyond the scale of mapping can cau	
Soil Map Unit Lines	△ Other	line placement. The maps do not show the small areas of	
Soli Map Onit Points	Special Line Features	contrasting soils that could have been shown at a more deta	
(c) Blowout	Water Features		
Borrow Pit	Streams and Canals	Please rely on the bar scale on each map sheet for map measurements.	
— Clay Spot	Transportation Rails	Source of Map: Natural Resources Conservation Service	
Closed Depression	Interstate Highways	Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)	
Gravel Pit	US Routes	Maps from the Web Soil Survey are based on the Web Mer	
Gravelly Spot	Major Roads	projection, which preserves direction and shape but distorts	
🔇 Landfill	Local Roads	Albers equal-area conic projection, should be used if more	
👗 🛛 Lava Flow	Background	accurate calculations of distance or area are required.	
Arsh or swamp	Aerial Photography	This product is generated from the USDA-NRCS certified da of the version date(s) listed below.	
Mine or Quarry		Soil Survey Area: Queens County, New York	
Miscellaneous Wate	r	Survey Area Data: Version 13, Sep 10, 2022	
Perennial Water		Soil map units are labeled (as space allows) for map scales	
Rock Outcrop			
+ Saline Spot		Date(s) aerial images were photographed: Mar 13, 2021– 14, 2021	
Sandy Spot		The orthophoto or other base map on which the soil lines w	
Severely Eroded Sp	ot	compiled and digitized probably differs from the background	
Sinkhole		shifting of map unit boundaries may be evident.	
Slide or Slip			
Sodic Spot			



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 Wetland

Estuarine and Marine Deepwater

Freshwater Pond

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake Other Riverine

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

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



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 #: <u>18A</u> 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





NYC Department of Buildings

Property Browse by Boro/Block/Lot

Page: 1 of 1

Browsing QL	JEENS Block 9419 Lot 49				
TAX LOT	ADDRESS	HOUSE NUM RANGE	LANDMARK	OBSOLETE	BIN
49	101-17 101 STREET	101-17 - 101-37			<u>4198339</u>
49	101-47 101 STREET	101-47 - 101-47			<u>4809629</u>





NYC Department of Buildings

Property Profile Overview

		· · · · · · · · · · · · · · · · · · ·			
101-17 101 STREET		QUEENS 11416		BIN# 419833	39
101 STREET	101-17 - 101-37	Health Area Census Tract Community Board Buildings on Lot	: 3100 : 112 : 409 : 1	Tax Block Tax Lot Condo Vacant	: 9419 : 49 : NO : NO
View DCP Addresses	Browse Block				
View Zoning Documents	View Challenge Results	<u>Pre - BIS F</u>	<u>'A</u>	View Certificate	es of Occupancy
Cross Street(s):	101 AVENUE, 103	AVENUE			
DOB Special Place Name:					
DOB Building Remarks:	AKA 101-21 101 ST	TREET			
Landmark Status:		Special Status:		N/A	
Local Law:	NO	Loft Law:		NO	
SRO Restricted:	NO	TA Restricted:		NO	
UB Restricted:	NO				
Environmental Restrictions	s: N/A	Grandfathered S	Sign:	NO	
Legal Adult Use:	NO	City Owned:		NO	
Additional BINs for Buildin	g: 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. <u>Click here for more information</u>

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	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		<u> Open Plumbing Jobs / Work Types</u>
Total Jobs	10		Facades
Actions	84		Marquee Annual Permits
Actions	04		Boiler Records
OR Enter Action Type:			DEP Boiler Information
OR Select from List: Select		~	Crane Information
AND Show Actions			After Hours Variance Permits





NYC Department of Buildings

Property Profile Overview

101-47 101 STREET		QUEENS 11416		BIN# 480962	29
101 STREET	101-47 - 101-47	Health Area Census Tract Community Board	: 3100 : 112 : 409	Tax Block Tax Lot	: 9419 : 49
View DCP Addresses	Browse Block				
View Zoning Documents	View Challenge Results	<u>Pre - BIS F</u>	<u>PA</u>	View Certificate	s 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	s: N/A	Grandfathered S	Sign:	NO	
Legal Adult Use:	NO	City Owned:		NO	
Additional BINs for Buildin	g: 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. <u>Click here for more information</u>

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		<u> Open Plumbing Jobs / Work Types</u>
Total Jobs	0		Facades
Actions	8		Marquee Annual Permits Boiler Records
OR Enter Action Type:			DEP Boiler Information
OR Select from List: Select		~	Crane Information
AND Show Actions			After Hours Variance Permits

	Form 54-21M-7016	77(53) 114	:		· · · · · · · · · · · · · · · · · · ·			
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/ /	(Standard for	n adopted by t	he Boar	d of Sta	indards and	Appeals and issued nursiant to	Section 646 of the	
· · ·	Building Code.) $($	tions C.	26-181.0	to C26-18	7.0 inclusive Administrative Code	2.1.3.1. to 2.1.3.7.	
	This cer	tificate supersed	es C. O.	No.				
	THIS C	ERTIFIES the	building	or prem	ises:			
	101-19 1	lolst. Str	eet. J	FS 22	5.21' 8	o 101st. Are		
	of the building ards and Appea CERTIF complied with a	, conforms code and all oth ls, applicable to IES FURTHE is certified by a	s substar ier laws a buildin R that, report o	and ording of its of any provosition of the Fi	the approximances, and class and kind visions of the second secon	Block 941 ed plans and specifications, and to l of the rules and regulations of th ad at the time the permit was issuer ection 646F of the New York (sioner to the Borough Superintend	b Lot 52 the requirements e Board of Stand- i; and Charter have been cnt.	
	Alt. No	- Alt. 1	501/5	5		Construction classification-	- Frame	
	Date of completi	m = 2/29/9	s. 6		. H	right 2 stories,	31 feet.	
*	Ð	Area	1 . 1	Height Z	one at time	of issuance of permit	Use District	
Ē	This certif lution: of the B	ficate is issued Board of Stand	subject ards an	to the l d Appe	imitations als:	hereinafter specified and to the	following reso	
/			PERMI	SSIBLE	USE AN	D OCCLIPANCY		
*	STORY	LIVE LOADS	PERSO	NS ACCOM	MODATED			
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NO CHANGES OF USE OR OCCUPANCY NOT CONSISTENT WITH THIS CERTIFICATE SHALL BE MADE UNLESS FIRST APPROVED BY THE BOROUGH SUPERINTENDENT

그 운영적 노력적 역동 건강을 다

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 in the Borough Superintendent of the borough in which the installation has been made. Such approval shall be recorded on the certificate of occupancy."

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

Form 54-Ç (Rev. 4/62)	-80 M-601036(62)	114	
1.22	DI	EPARTMEN	T OF BUILDINGS
BC	DROUGH OF	QUEENS	, THE CITY OF NEW YORK
Date 6/2/64			1. 1. 1. 1. 1. 1. 1. 1. No. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
	CERTI	FICATE	OF OCCUPANCY
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This certif	icate supersedes (
THIS CE	RTIFIES that the	XXXX-altered XXX	sing-building-premises located at
That the z	oning lot and premi	aca above referred to	o are situated, bounded and described as follows:
BEGINNING at distant 175	a point on the	East feet So	side of 101st. 3t.
وريد د.	101st. Ave.		and 101st. St.
thence	N. 245.2	3.1	feet; thence
running thence to the point or	place of beginning	, conforms substant	feet; thence
ments of the Bui Standards and A	Iding Code, the Zo	ning Resolution and	all other laws and ordinances, and of the rules of the Board of lass and kind at the time the permit was issued; and
CERTIFI	ES FURTHER t	hat, any provisions	of Section 646F of the New York Charter have been complied
with as certified 1	- Alt. 433/61	Tre Commissioner to L	Construction classification Non-fire
Occupancy classif Date of completio	n- Crokh	Comm.	. Height 2 stories, 33 feet. . Located in R-5 Zoning District.
at time of issuand	e of permit.	bject to the limit	ations hereinafter specified and to the following reso-
lutions of the E	Board of Standar	ds and Appeals:	Calendar numbers to
ang the City P	lanning Commis	sion:	for inserver were,
	c	PERMISSIBLE U	ISE AND OCCUPANCY
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PERMISSIBLE USE AND OCCUPANCY (continued)

borough Superintendent

a parte d'Essenador de la comparte de la comparte

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DEPARTMENT OF HOUSING AND BUILDING

GITY OF NEW YORK

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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 exceet 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; not 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.

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THIS CER	TIFIES that the 1-27 101 S	e ma -altered z Street	Block 9419 Lot 49
That the zo	ning lot and prem	ises above referred	to are situated, bounded and described as follows:
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ing thence the point or p	lace of beginning	g. conforms substa	ntially to the approved plans and specifications, and to the require-
ns of the Build adards and Ap	ing Code, the Zo peals, applicable t	ning Resolution ar to a building of its	ad all other laws and ordinances, and of the rules of the Board of class and kind at the time the permit was issued; and
CERTIFIE	S FURTHER	that, any provision	as of Section 646F of the New York Charter have been complied to the Borowyh Superintendent
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To the owner	or owners of the	e buildin	g or pren	nises:			i shinadan sa sa Mangaratan sa sa sa
101-2	CERTIFIES th	at the n	iew ane	CO-CARSUID	-building-premises	located at	
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NO CHANGES OF USE ON 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

the 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. 然,代表

The superimposed; uniformly distributed loads, or concentrated loads producing the same stresses in the the superingposed, amountary astronged roads, or concentrated roads 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 construction in any story shall not exceed that specified when sex is indicated, nor shall the aggregate number of persons sex in any story shan not exceed that 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 or control of the outdangs of any part increase that optialing such other perimes, accurses of approvals as may be prescribed by law for the uses of 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 une special certificates required in the use and operation of creations, not found the instantation of the alarm systems where required by law, nor from complying with any lawful order for additional fire extinguishing systems where required up now, not not complying the commissioner; nor from complying with any lawful order appliances under the discretionary powers of the fire commissioner; nor from complying with any issued with the object of maintaining the building in a safe or lawful condition; nor from complying with any authorized direction to Tenove 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 It this certificate in marked remporary, it is applicable only it mose parts of the building; it is subject to all the on its face, and certificate to the legal that and occupancy of only such parts of the building; it is subject to all the on its face, and conditions applying to a final or permanent certificate; it is not applicable to any building under 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 under 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 avranged 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 the reverse sure, and that on anotherion and bener, since that thate there has been no aneration of 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 premies wherein containers for combustibles, chemicals, explosives, inflammables and other dangerous substances, articles, compounds or mixtures are stored, or wherein automatic or other fir- 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 equipment are required by now to be the constant, until the interview 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."

of this or takente will be furnished to persons having an interest in the building or premises, spon payment of a fee of fifty cents per capy.





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 <u>DOB NOW Public Portal</u>.

Premises: 101-17 10 ²		NS				Filed At: 101-29 101 ST
BIN: <u>4198339</u> Block	k: 9419 Lot: 49					Device Number: 4F827
Device Type:	FREIGHT EL	EVATOR	Record:	70402		
Device Status:	ACTIVE		Status Date:	09/27/198	8	
Stat Comm:			Approval:		Alteration	:
Floor From:			Travel Distance	:	Car Entrar	nces:
Floor To:			Speed - F.P.M.:		Capacity -	Lbs.:
Quantity Size Kind	HOIST ROPES	CAR CNTWI	ROPES MACHN CN	ITWT ROPES	BACKDRUM ROPES	GOVERNOR ROPES
Governor Type:			Safety Type	e:		
Machine Type:	OIL HYDRAU	JLIC	Mode Oper	ation:		
Car Buffer Type:			Fireman's	Service:	No	
Working Pressure:			Manufactu	rer:		



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Application ID ↑↓	House ↑↓	Street ↑↓	Borough ↑↓	Premise ↑↓	Owner ↑↓	Expiration Date ↑↓	Ар Ту
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[OpenRecords] Request FOIL-2023-826-03495 Closed

1 message

donotreply@records.nyc.gov <donotreply@records.nyc.gov> Reply-To: foil@dep.nyc.gov To: gabriellecastro@touchstoneenvironmental.com Wed, Aug 9, 2023 at 11:11 AM

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.



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















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



6 Armstrong Road Shelton, CT 06484 800.352.0050 www.edrnet.com

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SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

B us i ness 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	х	х	х	-
2017	Cole Information	х	х	х	-
2014	ColeInformation	Х	Х	х	-
2010	ColeInformation	Х	Х	х	-
2005	ColeInformation	Х	Х	х	-
	Hill-Donnelly Information Services	Х	х	х	-
2000	ColeInformation	-	х	х	-
1996	NYNEX	-	-	-	-
1995	ColeInformation	-	х	х	-
1992	ColeInformation	-	х	х	-
1991	NYNEX Information Resource Company	-	х	х	-
1983	New York Telephone	-	Х	х	-
1976	New York Telephone	-	х	х	-
1970	New York Telephone	-	х	х	-
1967	New York Telephone	Х	х	х	-
1962	New York Telephone Directory	х	х	х	-

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	-	Х	Х	-
1939	New York Telephone Company	-	Х	Х	-
1934	R. L. Polk & Co.	-	Х	Х	-
1922	H.C. Morris	-	-	-	-

TARGET PROPERTY INFORMATION

ADDRESS

10121 101 Street Ozone Park, NY 11416

FINDINGS DETAIL

Target Property research detail.

<u>101ST ST</u>

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

ADJOINING PROPERTY DETAIL

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

<u>100TH</u>

10146 10	ОТН	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Monachino Philip Mary mach opr	R. L. Polk & Co.
<u>100TH 4</u>	14TH AV CORONA	
10249 10	0TH 44TH AV CORONA	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Coppola Salvatore fcty w kr	R. L. Polk & Co.
<u>100TH 9</u>	<u>I3RD</u>	
10147 10	0TH 93RD	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	Martin Jennie wid Thos F h	R. L. Polk & Co.
<u>100TH A</u>	<u>WE</u>	
10236 10	0TH AVE	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1939	Heins H	New York Telephone Company
<u>100TH S</u>	51	
10111 10	OTH ST	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	TAVELLA PLUMBING & HEATING CORP	Cole Information
	VJ KEARNEY INC	ColeInformation
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

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	R & M Aw nings Inc	ColeInformation
	Sparacos Pbg & Htg	ColeInformation
	SPARACOS PLUMBING & HEATING	ColeInformation
	R & M AWNINGS INCORPORATED	ColeInformation
1995	QUEENS RESTAURANT EQUIPMENT CORP	ColeInformation
	SPARACO'S PLMBNG & HTNG	ColeInformation
	MENCO ALUMINUM PRODS INC	ColeInformation
1992	QUEENS RESTAURANT EQUIPMENT CORP	ColeInformation
	SPARACO'S PLMBNG & HTNG	Cole Information
	MENCO ALUMINUM PRODS INC	ColeInformation
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 Town 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 SV CE CORP	ColeInformation
2014	NY WATER SERVICE CORPORATION	ColeInformation
2010	NEW YORK WATER SVC CORP	ColeInformation
2005	N Y Water Svc Corp	Hill-Donnelly Information Services
2000	New York Water Svce Corp	ColeInformation
	NY WATER SV CE CORPORATION	ColeInformation
1995	NY WATER SV CE CORP	ColeInformation
1992	NY WATER SV CE CORP	ColeInformation
1991	N Y Water Svce Corp	NYNEX Information Resource Company
1983	NY Water Svce Corp	New York Telephone

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

10156 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2020	R C FORKLIFT CO	EDR Digital Archive	
2014	RC FORKLIFT COMPANY	ColeInformation	
10157 10	OTH ST		
<u>Year</u>	<u>Uses</u>	<u>Source</u>	
2017	CENTRE INTERIORS WOODWORKING	ColeInformation	
	KIMBERLAND CORP	ColeInformation	
2014	CENTRE INTERIORS WOODWORKING	ColeInformation	
	KIMBERLAND CORPORATION	ColeInformation	
2010	KIMBERLAND CORP	ColeInformation	
	CENTRE INTERIORS WOODWORKING	ColeInformation	
2005	CENTRE INTERIORS WOODWORKING	ColeInformation	
	Centre Interiors Woodw orking	Hill-Donnelly Information Services	
	Kimberland Corp	Hill-Donnelly Information Services	
2000	Cantre Intariors	ColeInformation	
	CENTRE INTERIORS WOODWORKING	ColeInformation	
1970	Natl Hrdwr Colnc	New York Telephone	
1967	Natl Hrdwr Co Inc	New York Telephone	
1962	Natl Hrdwr 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	

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

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

<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

<u>Year</u><u>Uses</u>

1945

<u>Source</u>

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 UphIstrg 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
	Goulfine Louis pub acctnt	New York Telephone
	Hertzoff Sol	New York Telephone
	Jordan Harry	New York Telephone
	Strickland C E	New York Telephone

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

<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 Wiadimir	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 Wrs	New York Telephone
	Caniano Angelina Mrs	New York Telephone
	Olson Ruth E	New York Telephone
	Pirrello Rose	New York Telephone
	Markowsky Wiadimir	New York Telephone
1945	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

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

<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

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

<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
	Schwalb C F	New York Telephone
	Skinner Harold P	New York Telephone
	Marcus Dress Shop	New York Telephone

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	lannetta ldo	New York Telephone

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Milazzo Joseohine M	New York Telephone
	Paduano Anthony J	New York Telephone
	Antoniato Peter C	New York Telephone
	Granville Saml O	New York Telephone
	Kleinoder Berta Mrs	New York Telephone
	Rose Reuben	New York Telephone
1967	lannetta ldo	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

<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

<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	Ellner Irving	New York Telephone
	Tilley Madeline Mrs	New York Telephone

<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

<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

<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

<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

<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

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<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

<u>Year</u>	Uses	<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

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

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

hone hone hone hone hone hone hone hone New York Telephone

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

10231 100TH ST

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

10232 100TH ST

<u>Year</u>	Uses	<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

New York Telephone
New York Telephone

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<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	New York Telephone
	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>

1970

<u>Uses</u>

Dimmerling H

<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>Source</u> New York Telephone

<u>Uses</u>	
Gantt Geneva Mrs	
Bell Wm L	
McCabe Thos P	
Mecke Regina Mrs	
Tarbox Robt L	
Enderson Chas E	
Trimarco Geo	

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 Marilynn	New York Telephone
	Magler Michl F	New York Telephone
	Matthews 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

<u>Source</u>

New York Telephone
New York Telephone

c.

<u>Year</u>	Uses
1967	Tarulli Jos
	Doria Uphlstry Co Inc
1945	Geiger Max
	OReilly Wm Mrs
1945	Geiger Max OReilly Wm Mrs

10237 100TH ST

<u>Source</u>

New York Telephone New York Telephone New York Telephone New York Telephone

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Brow n Gerald	New York Telephone
	Edwards 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

<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

<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	Brow n 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
1945	Galligan Ann Mrs	New York Telephone
	Tillotson Wesley W	New York Telephone

<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

<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>	Uses	<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

10243 100TH ST

<u>Year</u>

1970

<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 PE	New York Telephone
	Wagner Aug	New York Telephone

UsesSourceBanker BNew York Telephone

<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
	Корр 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
	Корр 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
<u>Uses</u>		

Vision Optical Co		
Forst His		
Dryden Alexndr Mrs		
Spivey Maggie A Mrs		
Just Rite Beauty Shoppe		
Just Rite Beauty Shoppe		
Natl Friendly Cleaners		
Augone Patsy		
Carson Thos F		

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 tlr & fur	New York Telephone

<u>Source</u>

New York Telephone New York Telephone

Source

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	New York Telephone
	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

<u>Year</u>	<u>Uses</u>
1945	Allen Warren W heating contr
	Willard Plumbing & Heating Co
	Fox Sam
	Holzman G

10246 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	Grant Oliver	New York Telepho
	Lemke H J plmbng	New York Telepho
	Benthin Fred W	New York Telepho
	Johnson Johnny	New York Telepho
1967	Grant Oliver	New York Telepho
	Lemke H J plmbng	New York Telepho
	Barnes Fred W	New York Telepho
	Benthin Fred W	New York Telepho
	Brown Chas D	New York Telepho
	Payne Wm	New York Telepho
1945	Palmer Chas V	New York Telepho

10247 100TH ST

<u>Year</u>	<u>Uses</u>
1970	Bradshaw William
	Harnett Lyn E Mrs
1967	Bradshaw Wm
	Byrd Theodise
	Harnett Lyn E Mrs
1945	Selfridge Willard C
	Wulff Henry D

10248 100TH ST

<u>Year</u>	<u>Uses</u>
1970	Arenstein Alexndr drugs
	Arensteins Pharmacy
	Jackson Wm

<u>Source</u>

New York Telephone New York Telephone New York Telephone New York Telephone

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<u>Source</u>

New York Telephone
New York Telephone

Source New York Telephone

New York Telephone New York Telephone

<u>Year</u>	<u>Uses</u>
1970	Manson Edw
1967	Arenstein Alexndr drugs
	Arensteras Pharmacy
	Jackson Wm
	Manson Edw
1945	Arenstein Alexndr drugs
	Barnard Pharmacy
	Cerra Frank

10249 100TH ST

<u>Year</u>	<u>Uses</u>	<u>Sc</u>
1970	Queens Hydraulic Co Inc	Ne
1967	Queens Hydraulic Co Inc	Ne
	Clifford J F	Ne
	Johnson Thaddeus	Ne
1945	Martin Kemper C	Ne

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

<u>Source</u>

New York Telephone New York Telephone

<u>Source</u>

New York Telephone New York Telephone New York Telephone New York Telephone

<u>Year</u>	<u>Uses</u>	<u>Sour</u>
1967	Galluzzo Salvatore	New Y
	Dobre Janet	New Y
	Dupree Gloria	New Y
	Spigner Archie H	New Y
1945	Schlegelmilch A bkry	New Y
	Queens Model Engnrng Co	New Y

10252 100TH ST

<u>Year</u>	Uses	<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>	Uses	<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

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<u>Source</u>

New York Telephone

1945 Hansen H

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	Stew art Chas F Rev	New York Telephone
	Smith Alberta Mrs	New York Telephone
1967	Stew art Chas F Rev	New York Telephone
	Appel Wm	New York Telephone
	Savage Lillian	New York Telephone
	Smith Alberta Mrs	New York Telephone

<u>101ST ST</u>

<u>Year</u>

2020

10113 101ST ST

10101 101ST ST

<u>Uses</u>

MARIA DIAZ

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	ANTHONY DEBONO	Cole Information
10112 101ST ST		

Source EDR Digital Archive

<u>Year</u>	Uses	<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

<u>Source</u>

Cole Information

New York Telephone New York Telephone New York Telephone New York Telephone

New York Telephone Directory New York Telephone Directory

NYNEX Information Resource Company

<u>Year</u>	Uses
2000	NICK ALLOCCO
1992	ALLOCCO, NICK
1991	Allocco Nick
1983	Allocco Nick
1976	Allocco Nick
1970	Allocco Nick
1967	Allocco Nick
1962	Allocco Andrew
	Allocco Nick

10118 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Aluminum World windos	New York Telephone
1962	Aluminum World windos	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	ColeInformation
	RICHIES GYM	ColeInformation
2005	Metropolitan Garment Cleaning	Hill-Donnelly Information Services
	METROPOLITAN GARMENT CLEANING INC	ColeInformation
2000	Mtrpltn GMT Cing	ColeInformation
1962	RMP Indstries Inc sheet mtl	New York Telephone Directory

New York Telephone Directory

10127 101ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Asajin Pilal	Hill-Donnelly Information Services
10129 10 [.]	IST ST	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Casillo Jcs	New York Telephone Directory

10132 101ST ST

Casillo Sansto

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	FIVE STAR ELECTRIC CORP	EDR Digital Archive
2017	FIVE STAR ELECTRIC	ColeInformation
2014	FIVE STAR ELECTRIC	ColeInformation
2010	FIVE STAR ELECTRIC CORP	ColeInformation
2005	Fivestar/ferguson Electric	Hill-Donnelly Information Services
	FIVE STAR ELECTRIC CORP	ColeInformation
1995	OZONE INDUSTRIES INC	ColeInformation
	OZONE AIRCRAFT COMPONENTS CORP	ColeInformation
	OZONE INDUSTRIES A JOY MFG CO	ColeInformation
1992	OZONE INDUSTRIES INC	ColeInformation
	OZONE AIRCRAFT COMPONENTS CORP	ColeInformation
	OZONE INDUSTRIES A JOY MFG CO	ColeInformation
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 Indstries Inc sheet mtl	New York Telephone
1967	Ozone Aircraft Components Corp	New York Telephone
	Ozone Metal Prods Corp	New York Telephone
	RMP Indstries Inc sheet mtl	New York Telephone
1962	OZONE METAL PRODS CORP	New York Telephone Directory

10140 101ST ST		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PARMAN KHNANDAN	Cole Information
2010	PARMAN KHNANDAN	Cole Information
10141 101	ST ST	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Marinelli Jas M	New York Telephone Directory
10143 101	ST ST	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Carriero Willie E	New York Telephone Directory
10145 101	ST ST	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1967	Marzano Patsy	New York Telephone
1962	Marzano Patsy	New York Telephone Directory
10147 101	ST 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 101	ST 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 101	ST ST	
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Metropolitn Distributrs Inc	New York Telephone Directory
10151 101ST ST		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	Zagas Sportswr Inc	Cole Information
	Ozone Park	Cole Information

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	ZAGAS SPORTSWEAR INC	ColeInformation
1992	ZAGAS SPORTSWEAR INC	ColeInformation
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 SV CE INC	New York Telephone Directory
	Meltzer Max b	New York Telephone Directory
1945	Crib Diaper S∨ce of LI Inc	New York Telephone

<u>102ND ST</u>

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
	MOHA MED 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	ColeInformation
	Morales Gladys	Hill-Donnelly Information Services

<u>Uses</u>	Source
Morales Gladys v	Hill-Donnelly Information Services
HPetrone AA AV	Hill-Donnelly Information Services
Antonio Petrone	ColeInformation
Anthony Schiavo	ColeInformation
ANTONIO PETRONE	ColeInformation
ANTHONY SCHIAVO	ColeInformation
SCHIAVO, ANTHONY	Cole Information
Schiavo Anthony	NYNEX Information Resource Company
Petrone Antonio	New York Telephone
Troisi Vincent C	New York Telephone
DelGiudice Pete	New York Telephone
Venezia Millie Mrs	New York Telephone
DelGuidice M	New York Telephone
DelGuidice Pete	New York Telephone
Del Guidice Pete	New York Telephone Directory
Venezia Millie Mrs	New York Telephone Directory
Picullio Alex Maggie	R. L. Polk & Co.
Venice Jerrv Millie	R. L. Polk & Co.
	UsesMorales Gladys vHPetrone AA AVAntonio PetroneAnthony SchiavoANTONIO PETRONEANTHONY SCHIAVOSCHIAVO, ANTHONYSchiavo AnthonyPetrone AntonioTroisi Vincent CDelGiudice PeteVenezia Millie MrsDelGuidice PeteVenezia Millie MrsPetrone AntonioPetrone Antonio

10154 102ND ST

<u>Year</u>	<u>Uses</u>	Source
2020	HUE HANG	EDR Digital Archive
2017	MELVIN RODRIGUEZ	ColeInformation
2014	MARISOL RIDRIGUEZ	ColeInformation
2010	SALVATORE LAMONACO	ColeInformation
2005	SALVATORE LAMONACO	ColeInformation
	AMARYLIS MONTOYA	ColeInformation
	Lamonaco Salvatore	Hill-Donnelly Information Services
2000	Salvator Lamonaco	ColeInformation
	Julio Montoy	ColeInformation
	JULIO MONTOYA	Cole Information
	S LAMONACO	Cole Information
1992	VARAGNOLO, JOHN	ColeInformation

<u>Year</u>	<u>Uses</u>
1970	Glick John J
1967	Maresco Catherine
1962	Napolitano Michl
1939	Napolitano Michl
1934	DAmico Frank Theresa
	Napolitano Frank X reprmn
	Napolitano Michl Rose

10156 102ND ST

<u>Source</u>

New York Telephone New York Telephone Directory New York Telephone Directory New York Telephone Company R. L. Polk & Co. R. L. Polk & Co. R. L. Polk & Co.

<u>Year</u>	Uses	<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
	Jaldln 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

<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
	DCARMELA	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

<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 10	2ND 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 Edridge 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

<u>103RD AVE</u>

10109 103RD AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2020	SAFEGUARD SELF STORAGE	EDR Digital Archive
<u>10TH ST</u>		
10155 10TH ST		

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	McGroarty Rosemary	New York Telephone

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
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, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 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, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10111 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 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, 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

Address Researched	Address Not Identified in Research Source
10113 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10113 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10113 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10113 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10113 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10113 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10113 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
10115 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10115 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10115 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10115 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10115 100TH ST	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10115 100TH ST	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10115 100TH ST	2020, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10115 100TH ST	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10115 100TH ST	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10118 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
10118 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10119 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10119 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
10120 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
10120 101ST ST	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922

Address Researched	Address Not Identified in Research Source
10120 101ST ST	2020, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10120 101ST ST	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10120 101ST ST	2020, 2017, 2014, 2010, 2005, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10120 101ST ST	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10120 101ST ST	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10127 101ST ST	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10129 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2017, 2014, 2010, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10132 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10140 101ST ST	2020, 2017, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10140 101ST ST	2020, 2017, 2014, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10141 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
10143 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922

Address Researched	Address Not Identified in Research Source
10145 101ST ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1950, 1945, 1939, 1934, 1922
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10146 100TH	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
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10244 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10244 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10244 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10245 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10245 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10245 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10246 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10246 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10246 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10247 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10247 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10247 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10248 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922
10248 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10248 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1967, 1962, 1950, 1945, 1939, 1934, 1922
10249 100TH 44TH AV CORONA	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1945, 1939, 1922
10249 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1967, 1962, 1950, 1939, 1934, 1922
10249 100TH ST	2020, 2017, 2014, 2010, 2005, 2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1962, 1950, 1945, 1939, 1934, 1922

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

Address Not Identified in Research Source

10121 101 Street

2000, 1996, 1995, 1992, 1991, 1983, 1976, 1970, 1950, 1945, 1939, 1934, 1922

Appendix E

Historical Reports



49 West 23rd Street, New York, NY 10010 · tel (212) 675-6200 · 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

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PROJECT SUMMARY

Amster Novelty 101-21 101st Street Queens, New York AT99-PA-90999

PROPERTY	A two-story 36,000 square foot commercial/light industrial building and paved
DESCRIPTION	parking areas on 1.06 acres of land. The building was constructed in phases
	between 1959 and 1968.

ASSESSMENT COMPONENT	ACCEPTABLE	ROUTINE SOLUTION	PHASE II	ISSUE DESCRIPTION	REFERENCE SECTION
Operational Activities	V				II.B
Adjacent Properties	\checkmark				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	\checkmark				IV.C & D
Chemical Spills					IV.E & G
PCBs	N	√ ***			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	$\overline{\mathbf{v}}$				IV.K
Wetlands	V				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 inplace 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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FIGURE #1: SITE PLAN

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APPENDIX B:	REGULATORY AGENCY DATA REPORT FINDINGS, OVERVIEW MAP, AND GLOSSARY
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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 asbestoscontaining 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 PCBcontaining 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:

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

TABLE #1: INDIVIDUALS INTERVIEWED

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: Sanitary Sewer: Electric: Gas:	New York City New York City Consolidated Edison of New York Brooklyn Union Gas
5.	HEATING	
	Heating System: Distribution:	Gas-fired heating units (see Picture #5) 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. <u>NEIGHBORING PROPERTY USES</u>

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, multiplestory 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 singlestory 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 multiplestory commercial/light industrial building (see Picture #10). Long Island Railroad tracks and residential homes are located further west.

III. PUBLIC INFORMATION SEARCHES

A. <u>REGULATORY REVIEW</u>

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 ASTMsearch 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.

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

TABLE #2: DATABASE SEARCH SUMMARY

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:	101-20 101 st Street
	Queens, New York
Location:	Adjacent to the west, crossgradient with respect to assumed direction of groundwater
	Ilow

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:	101-32 101 st 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:	101-32 101 st 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 98 th 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:	101-32 101 st 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. <u>SITE HISTORY</u>

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.

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

TABLE #3:	SANBORN FIRE	INSURANCE	MAP	SUMMARY
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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. <u>CHEMICAL STORAGE TANKS</u>

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 sampled 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. <u>CHEMICAL USAGE ON-SITE</u>

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 onfile. 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 onsite. 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 onsite.

I. <u>RADON</u>

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. <u>WETLANDS</u>

There was no visual evidence of wetland vegetation on or adjacent to the subject property.

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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:

Tru

Paul M. Hatcher Senior Environmental Engineer AquaTerra Assessment Services Corp.

REVIEWED AND APPROVED BY:

Man Mari Sorera

AnnMarie Sorena Senior Environmental Engineer AquaTerra Assessment Services Corp.

10/28/94

10/22/99

Date:

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FIGURE #1

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SITE PLAN



APPENDIX A

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Service Manual

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PICTURES



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Picture #1: View of the building located on the subject property.



Picture #2: View of the interior space of the building onsite.



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.



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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.



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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 #15: View of a 55-gallon drum of lubricating oil located in the first floor sewing area



Picture #14: View of the fill cap and vent pipe associated with a former trichloroethylene UST which was closed in-place on-site.



Picture #16: View of a 55-gallon drum of lubricating oil located in the partial basement in the middle of the building.



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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.



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Picture #21: View of the vaulted transformers located on the sidewalk in front of the subject property.



Picture #23: View of the typical wasteline access panels located throughout the building.



Picture #22: View of the hydraulic elevator located in the building on-site.



Picture #24: View of the on-site drywell (arrow) and former trench area (in background) in the parking area on-site.

APPENDIX B

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REGULATORY AGENCY DATA REPORT FINDINGS, OVERVIEW MAP, AND GLOSSARY



TABLE OF CONTENTS SECTION PAGE GeoCheck Summary - Not Requested Overview Map. 3 Map Summary - All Sites 5 Orphan Summary._____ 68 APPENDICES

GeoCheck Version 2.1 - Not Requested Government Records Searched / Data Currency Tracking Addendum

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Surrounding Properties:

Evalutions have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative devation information between sites of close proximity should be field verified. EDFX delinition 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 includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentialed below (from sites with an elevation equal to or higher than the subject property to the subject of the subject property is the property of the property of the subject of also in individual Bills can be reviewed.

EXECUTIVE SUMMARY

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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 lank incidents. The data come from the Department of Environmental Conservations Splits Indumismo 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
101-32 101\$T 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	86	18
THE MERRY GATES OF HEAVEN	103-12 101ST AVENUE	0 - 1/8 NE	87	18
103-10 103RD ST	103010 103BD ST	1/8 - 1/45SE	CB	19
103BD ST & 103BD AVE/OUNS	103BD ST / 103BD AVE	1/8 - 1/4 ESE	C9	20
NYC POLICE PRECT, 106	10353 101ST ST	1/8 - 1/4 SSE	F19	29
97-10 103TH ST	97-10 103 TH ST	1/8 - 1/4 N	28	60

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subilit I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petrolekum Buik Storage (PSC) Batabase

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 1015T ST	0-1/8 N	A5	18
GARAGELO, Z. OLIC OIL CHANGE	9733 100TH ST	1/8 - 1/4 NNW	D13	22
97-05 103 AVE	97-05 103 AVE	1/8 1/4 SW	15	23
JACMOR TRANSPORATION INC	9726 99TH ST	1/8 1/4 NW	D16	24
THE VOGES MEG. COMPANY INC.	10311 98TH ST	1/8 · 1/4 S	E18	27
FELIABLE A & G FUELS	101-10-08 97TH AVE	1/B 1/4 N	20	30
106 PCT	103-55 101ST ST	1/8 - 1/4 SSE	F21	33
QUEENS FARMS DAIRY INC	10345 987H ST	1/8 - 1/4 S	£26	38
QUEENS FARMS DAIRY INC	10345 987H ST	1/8 - 1/4 S	E27	50
KAM THERMAL EQUIPLMENT LTD	98-21 97TH ST	1/8 - 1/4 WNW	29	61

RCRIS: The Resource Conservation and Recovery Act database includes selected information on siles 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 EDB, 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 Ma	piD Page
METROPOLITAN GARMENT CLEANING	101-20 101ST ST	0 - 1/8 NNW 1	7

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Equal/Higher Elevation	Address	Dist / Dir	Map 1D	Pa
MAIN LINE AUTO COLLISION INC	103-32 101ST ST	1/8 - 1/4 SSE	11	21
VOGUES MEGICO INC	103-11 98 H S1	1/8 - 1/4 SSW	32	22
SUPERSTAR AUTO COLLISION & RE	P 97-21 10/01 51	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 98TH ST	1/8 - 1/4 S	E24	37
PROVVISIERO BROTHERS INC	105-17 101ST AVE	1/8 - 1/4 NE	30	55
at generate, store, treal, or dispose o atabase is the U.S. EPA. A review of the RCRIS-LOG fist, as pro RCRIS-LOG site within approximately	I hazardous waste as defined by th vided by EDR, and dated 07/01/1999 0.25 miles of the subject property.	he Act. The source	of this me is f	
		Dist / Dir	** 10	p.
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A review of the HSWDS list, as provided by EDA, and dated 05/17/1999 has revealed that the HSWDS site within approximately 0.5 miles of the subject property.

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TC0424127.11 EXECUTIVE SURMARY 5

EXECUTIVE SUMMARY

TC0424127 1: EXECUTIVE SUMMARY 4

TOPOGRAPHIC MAP - 0424127.1r - Aqua-Terra Environmental Svcs.



EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped: There were no unmapped sites in this report,



				_
TARGET PROPERTY:	PA-90999	CUSTOMER:	Aqua-Terra Environmental Svcs.	
ADDRESS:	101-21 101st Street	CONTACT:	Thompson Holkday	
CITY/STATE/ZIP:	Ozone Park NY 11416	INQUIRY #:	0424127. tr	
LAT/LONG:	40.6845 / 73.8420	DATE:	October 20, 1999 5:36 pm	

MAP FINDINGS SUMMARY SHOWING ALL SITES

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RCRIS Lg. Quan. Gen.

ACRIS-TSD State Haz. Waste

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Coal Gas		1.000	0	Ū	0	0	NB	0
MINES		0.250	0	0	NR	NB	NB	0

TP = Target Property

NR = Not Requested at this Search Distance Sites may be listed in more than one database

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Coal Gas	1.000
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TP = Target Property

NR « Not Requested at this Search Distance Sites may be listed in more than one database

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	Cost Gas Site Search; No site was found in a search	of Real Property Scen's ENVIROHAZ database.			101-70 997H STREET Remote	CALLED PAULINE SCAPPA - NO	ONE HAS RESPONDED	YET (FDNY - DEP) FAX	\$10214742 ED TO D
-	METROPOLITAN GAHMENT CLEANING 101-20101ST ST	RCA(S-SQG	1001233306 NYR000064997		DEC Remarks:	Nol reported	·····		
c 1/8 223 Higher	QUEENS, NY TI416			A3 North < 1/8	101-32 101ST ST./02 101-32 101ST ST. NEW YORK CITY, NY	ONE IN		LUST	S100167 N/A
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	Contact: HEN SUN (718) 843-6712				Spil Number. Facility Contact:	6704844 Not reported	Pegian at Spill: Facility Tele:	2 Not reported	
	Record Date: 12/18/1998 Classification: Small Quantity Generator				Caller Nama: Caller Phone: Caller Phone:	Not reported Not reported Not reported	Caller Agency: Caller Extension:	os Nol reported Not reported	
	Used Oil Recyc: No Vielation Status: No violations found				Notifier Nome: Notifier Phone: Spiller Contact: Spiller	Not reported Not reported Not reported MB_PARt/Gina	Notilier Agency: Notilier Extension: Spiller Phone:	Not reported Not reported (718) 645-5200	
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¥ WSW < 1/8 275 Higher	JUF/0 SUIN SINELL 10170 SSTH ST OZONE PARK, NY	נאועל זה	NA NA		Spill Closed Dr Spill Cause; Water Alfected; Spill Notifier;	11/04/93 Tank Test Fathure Not reported Tank Tester	Resource Affected Spill Source: PBS Number:	f: Groi#dwater Other Commercie/Ind 2-346155	lustrial
	SPILLS. Spill Number: 9311105 Facility Contact: Nicl reproder	Region of Spill: 2 Parishe Tole: 2 Morreconduct			Spill Date: Cleanup Cossec Last Inspection:	09/10/87 14:45 d: 11/04/93 //	Reported to Dept:	09/10/87 15:17	
	Investigator: SULLIVAN Caller Name: PAULINE SCAPPA Caller Prove: (218) 855-6500	SWIS: 63 Caller Agency: CORY COMTEMPORA Caller Extension: Not reported	RY INC.		Cleanup Meets Recommonded i Spiller Cleanup	Standard: Faise Penalty: No Penalty Date: / /			
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	Spiller: UNK Spiller Address: Not reported Spill Cless; Known release with minimal pol	ential for tire or hazanti. DEC Response.			Is Updated: Corrective Action Date Spill Enter	False False In Plati Submitted: // ext In Computer Data File: 09/1	8/87		
	Willing Responsible Party: Cont Spill Closed Dt: 04/26/1994 Spill Cause: Unknown	ective scilon laken. Resource Allected: On Land			Date Region Se DEC Remarks:	M Summary to Central Office: J / / / : DEC (AUSTIN) CALLED TA OWNERS TO CONTACT HIM.	INK TEST INC HE GAVE	HIS PHONENUMBER F	ЮР С Н
	Water Affected: Not reported Spät Notifier: Affected Persons Spit Date: 12/14/1993-08:00	Spill Source: Unknown P6S Number: Nal reported Reported to Dept 12/14/1993 08:36			Spin Cause:	E GAVE HIS PHONENUMBER I SERVICE REMOVED CONTAM LEAK RATE WAS GREATER TH	OR OWNERS TO CONTA INATION SEE SPILL 870 IAN 2GAL/HR, 1000 GAL	CT HIM. SYSTEM TAP 1883. TANK.	EN OUT O
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	Intestigation complete UST Involvement: False Spill Record Lest Update: 05/26/1994 is Updated: False Corrective Action Plan Submitted: Not Dote Still Entered to Commund Calls File: 12/	l reported			Notifier Name. Notifier Phono: Spiller: Spiller: Spiller:	Not reported Not reported DZONE INDUSTRIES 101-32 10157. ST.	Notifier Agency: Notifier Extension Spiller Phone:	Not reported 1. Not reported (718) 845-5200	
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6. N	Ch	Willing R	esponsible Pa	rly. Corrective	action taken.			
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Wate	ar Affected:	Not repo	ned		Spill Source;	Other Co	mmercialIndus	strint
Spirt	Notilier:	Tank Tea	ster		PBS Number:	2-348155	5	
Spill	Date:	09/11/87	15:00		Reported to Dept.	09/11/87	13:12	
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Spall OZONE IN 101-22 15 OZONE IN 102-215 Own Com Com Com Com Com Com Com Com Com Com	NDUSTRIES HST ST HST ST HRK, NY 11 ; ; ; ord Date: ; ; ; ord Date: ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	RLES PI 1415 LOY MF G CY 22) 555 E PEDRA 6 E PEDRA 10 212) 555 E PEDRA 10 212 E PEDRA 10 212 10 212	CO -212 -22 -22 -22 -22 -22 -22 -2	045-5200, or 에 바is site '	Arte g. Volation Generator Al Reg Generator Al Reg Homator	sifements sifements jerments jerments zerments 2-12 Not	EBS UST RCRIS-LOG	1000311571 NYD044/388118 Date of SzmolineC, 01/27/145 01/27/145 01/27/145 01/04/1887
Spill OZONE IN 101-32 10 OZONE P OZONE P OZONE P COM Com Com Com Com Com Com Com Com Com Com	NDUSTRIES HSTST HRK, NY 11 Hart ord Date: suffication: d Oil Recyc: million Status: d Oil Recyc: million Status: re are 3 viola biolon: ST: Number: No: stor:	RLES PI 1415 JOY MFG (212) 655 CFT ALL (715) 845 G6T 43 A BE Large CD No Violation J No No No No No No No No No No No No No	CO CO 1212 ZA -5200 6 antity Generat (aformation aw gls) reported a paction (CEI) ppecton (CEI) ppecton (CEI) 000073 dr reported w YORK CII 2004 RADICE	or or wit at this site FriteS INC,	Atte of Vocation Generator-AR Reg Generator-AR Reg Marco Generator-AR Reg Marco Marco Benerator-AR Reg Marco Marco Marco Benerator-AR Reg Marco	urements urements urements urements urements 2-12 Not (718	CBS UST RCRIS-LOG 5088 reported 1) 645-5200	Dote of Scatolines Distributions Scatolines Distribution

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Map ID Direction		MAP FINDING	iS.		
Distance Distance (It Efavation	} Site			Database(s)	EDB ID Number EPA ID Number
	OZONE INDUSTRIES	(Continued)			1009311571
	Emergency Contec Certification Date: Owner:	I JAMES BARBOLLA, (518) 354-33 10/31/1995 OZONE INDUSTRIES INC.	05- Expiration Date:	07/05/1997	
	Owner Address:	101-32 101ST ST. OZONE PARK, NY 11416			
	Owner Phone Owner Type:	(718) 845-5200 Comotele/Compatchi			
	Facility Type:	MANUFACTURING			
	Meil To:	OZONE INDUSTRIES INC.			
	Mail Address	101-92 101ST ST. OZONE PARK, NY 11416 ATTN: JAMES BARBOLLA			
	SPDES No:	Not reported	Facility Status:	INACTIVE FACILIT	·
	Owner Subtype:	Not reported			
	Tank Stetus:	Closed-Removed			
	Tank Error Status:	No Missing Date			
	Total Janka:	0	Capacity:	2000 Gals	
	Instal Date	12/60	\$		
	CAS No:	79015			
	Substance:	Single Hazardous Substance on I	EC List		
	Tank Type:	Steel/carbon steel	2nd Containmt:	Diking	
	Tank Internal;	None	Ploo Type.	STEELARON	
	Fank Externet	None	Cine Level's	Alter and the second second	
	Pipe External:	Non	suba cocation:	vooregrotinisonde	dioma compisation
	Pipe Containment:	Dilaing	Hez Percent:	100	
	Leak Detection.	None			
	Overfill Protection:	9			
	Chemical.	Not reported	Tank Closed:	00/00	_
	Fank Secret	halse Not streated	Date Enlered:	0//05/1969 09:25:2	5
	SWIS Code:	5301	Citra Linita.	reot raponeo	
	Cert Flag:	Falae	Case No:	Not reported	
	is it There:	False	is Updated:	False	
	Owner Mark;	1	Lavt.ong:	40 41 05 / 73 50 31	
	Plenew Date:	04/01/93	Data Expired:	07/05/95	
	Torsk Nember	4	Four Capacity: Region:	STATE	
	Flag:	c	11-30 Circ	UNI2	
A5 North < 1/8 366	GZONE INDUSTRIES, 10132 10191 ST OZONE PARK, NY 11	3NC 418		NY Spirs UST	U001839632 N/A
Higher					
	SPULS:				
	Soft Number:	9609441	Region of Spill: 2		
	Facility Contact:	JAMES SKELCY	Facility Tele: {	914) 534-2202	
	investigator:	TIBBE	SWIS: 6	3	
	Caller Name:	JAMES SKELCY	Callet Agency; E	INVIRONMENTAL TE	CH
	Notifier Name:	JAMES SKELCY	Notifier Adence: F	NURCHMENTAL TE	ru -
	Notifier Phone	(914) 534-2202	Notifier Extension	ot reported	
	Spiller Contact:	JAMES SKELCY	Spiller Phone: (914) 534-2202	
	Spiller:	OZONE INDUSTRIES			
	Spiller Address:	101-32 10157 57			

										·····		
Man #3		MAR FININGS				Map E	D		MAP FINDINGS			
Direction			المستخلف			Directi	ion			المتشقية		
Distance Distance (ft.)				EDR ID Number	Distan	же Ке (П.)	2				EDR ID Number
Elevation	Site			Database(s)	EPA ID Number	Efeval	llon	Site		······	Database(s)	EPA ID Number
		10 (Ostalization 1)			1001220200			OZONE INDUSTRIES INC	(Continued)			U001639532
	OCONE INVOSTAILS_IN				0001039532			Overfill Prot	Product Level Gauge	Dispenser:	Section	
	Snill Class - X	NORE PARK	r bazard. DEC Res	nonse.				Date Tested:	03/92	Next Test Date:	Not reported	
	upar sector i v	filling Responsible Party. Corrective action to	eken.					Date Closect	07/93	Test Method:	TANK AUDITOR	
	Spill Closed Dt: N	tol reported						Deloted:	False	Updated:	False No data missing	
	Spi≱ Cause: C	ahar Pe	source Affected: On	Land	stripl			FAMT:	Fiscal amount for registration fee is correct	t	no dala masing	
	Water Altected IN East Nother: C	Nhar PR	source: Ur	Her Commandiamingu	sunar			Totel Capacity:	0	Renewal Date:	01/21/93	
	Soll Date: 0	4/18/1998 12:00 Re	ported to Dept: 10/	28/1998 08.56				Tank Screen:	0	Federal (D;	Not reported	
	Cleanup Ceased: N	of reported						Flenew Flag.	Renwal has not been printed	Facility Screen:	No data missing	
	Last Inspection: 1	tet reported						Certification Fing:	False	Evolution Date:	04/16/93	
	Cleanup Meals Sta	ndord: False						inspected Date:	hist reported	inspector:	Not reported	
	Recommended Per	ally: No Penalty						Inspection Result:	Not reported			
	Enforcement Date:	Not reported						Lations:	Not reported			
	Investigation Comp	ete: Nol reported						Facility Type:	MANUFACTURING			
	UST Involvement:	False						000 11 1 1	0.0.00425	CDC Mumber	blast supervised	
	Spill Record Last U	pdate: 11/02/1998						PBS Number: SPDES Mumber:	2-348155 Not statistical	CR2 MIRDIN:	NOT REPORTED	
	is Updated:	Felse						SWIS ID	6301	Telephone:	(718) 845-5200	
	Date Spill Fotored 1	n Computer Data File: 10/28/1998						Operator.	OZONE INDUSTRIES INC			
	Date Region Sent S	Symmary to Central Office: Not reported						Emergency Contact:	JAMES BARBOLLA, (516) 354-3805			
	Flemark (URING PHASE I INVESTIGATION DISCOV	ERED PROPERTY	OWNER REQUES	ED THAT TA			Total Tanks:	0			
	ł	IK BE REMOVED UPON WHICH SOIL COM	FAMINATION WAS	S THEN DISCOVER	D-SOIL STD			Owner.	OZONE INDUSTRIES INC			
	OFO Deserved of C	KPILED AND DISPOSED OF AT OFF SITE	FACILITY.						OZONE PARK NY 11416			
	DEC Memarks: P	ioi reponeo							(718) 845-5200			
	PBS UST:							Owner Type:	Corporate/Commercial	Owner Mark:	Second Owner	
	PBS Number:	2-348165	CBS Number:	Not reported				Owner Subtype:	Not reported			
	SWIS ID:	6301	Telephone:	(718) 845-5200				Mailing Address:	OZONE MOUSTRES INC.			
	Operator;	OZONE INDUSTRIES INC		(1 · · · · · · · · · · · · · · · · · · ·					DZONE PARX NY 11416			
	Emorgoncy Contact;	JAMES BARBOLLA, (516) 354-3805							(716) 845-5200			
	Total Tanks:	0							ATTN: JAMES BARBOLLA			
	Owner:	1020NE INDUSTRIES INC						Facility Status:	2 - Unregulated by PBS (the total capacit	y is less than 1,10	(galions) and	
		OZONE PARK, NY 11415						Conneity (mate)	Subpart 350-14.			
		(718) 845-5200						Tank Location:	INDERGROUND			
	Owner Type:	Corporate/Commercial	Owner Mark,	Second Owner				Tank ID:	002	Install Date:	12/57	
	Owner Subtype:	Not reported						Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel	
	Maising Address:	IN1-52 IN1-ST STREET						Tank Internal:	Not reported	Pipe Internal:	Not reported	-
		OZONE PARK, NY 11416						Pipe Location:	Not reported	мре туре.	GALVANIZED STE	μ.
		(718) 845-5200						Tank Status	Cinsed Before Anni 1, 1991			
		ATTN: JAMES BARBOLLA						Tank Error Status:	Minor Data Missing			
	Facility Status.	2 - Unregulated by PBS (the total capa Subset and 14	city is less than 1,10)1 galkins) and				Pipe External:	Not reported			
	Constity (mitr)	2000						Second Continiment:	NONE			
	Tank Location:	UNDERGROUND						Leak Detection:	NONE Restrict 1 and Course	Diseases	C.u.V.	
	Tank ID:	001	Install Date:	12/57				Date Tosted:	Not reported	Next Tast Date:	Not reported	
	Product Stored:	OTHER	Tank Type:	Stret/carbon step?				Date Closed	00/00	Test Mathod:	Not reported	
	Tank Internal.	Not reported	Pipe Internal;	Not reported	er)			Deloted:	Faise	Updated:	False	
	Took External	Not reported	Hope rype:	GALVANIZED ST	CL.			Dead Letter:	Faise	Owner Scroon:	No data missing	
	Tank Status:	Closed in Place						FAMT: Total Case sho	Fiscer amount for registration lee is corre	Cl Renaunt Date:	010100	
	Tank Error Status:	Minor Data Missing						Tank Screen	v 0	Sedarat ID:	No.21/99 Not reported	
	Pipe External:	Not reported						Benew Flag:	Honwai has not been printed	Facility Screen:	No data missino	
	Second Containment	t NONE						Certification Flag:	False	Certification Date	:04/16/93	
	Leak Delection:	NONE						-				

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Lando Contra	Map ID	MAP FINDINGS			
and a second	Direction Distance	Antonio			
	Distance (ft.) Elevation Site			Database(s)	EDR ID Number EPA ID Number
	OZONE INDUSTRIES, IN	C (Continued)			U001839632
and the second se	Old PBS Number: Inspected Date: Inspection Result; Eatlong: Facility Type:	069949 Nol reported Nol reported Nol reported MAN (FACTURING	Expiration Date: Inspector:	04/19/98 Not reported	
en i	P85 Number	2-348155	CBS Number:	Not reported	
	SPDES number: SWIS ID:	6301	Telephone.	(718) 845-5200	
	Opstator: Emergancy Contact: Total Tasks: Owner:	OZONE INDUSTRIES INC JAMES BARBOLLA, (516) 354-3805 0 OZONE INDUSTRIES INC 101-32 INDIST STREET OZONE PARK, NY 11416			
and the second	Ownĕr Yype: Ownĕr Subtype: Majiling Address:	(716) 545-5200 Corporate/Convinction Not reported OZOME INDUSTRIES INC 101-32 10151 STREET OZONE PARK, NY 11416 (718) 545-5200 ATTN, JAMES BARBOILLA	Owner Mark:	Second Owner	
THE SAME	Facility Status: Capacity (gate): Tank Localing:	2 - Unregulated by PBS (the Iolal capacit Subpart 300-14. 2500 UNDERCIRCI IND	iy iş lêss ihan 1,10	t gellons) and	
	Tank ID: Product Stored: Tank Internal; Rige Location; Tank External;	003 NOS 1,2, OR 4 FUEL OIL Not reported Not reported Not reported	Instali Date: Tank Type: Pipe Internal: Pipe Type:	12/67 Steel/carbon steel Not reported GALVANIZED STEE	ξL.
	Tank Status: Tank Error Status: Pipe External: Second Containment: Leak Detection: Overfil Prot:	Closed Biddle April 1, 1991 Minor Data Missing Not reported NONE NONE Product Level Gauge	Dispage	Suction	
4551/1074	Date Tested: Date Closed; Delotod; Dead Lotter: FAMT;	11/87 00/00 Falso False Final amyotil for exclusive, the is norre	Next Test Date: Test Method: Updated: Owner Screen:	Not reported TANK AUDITOR False No data missing	
	Totel Cepacity: Tank Screen: Banew Flag:	Price amount for registration teens contro c D Benwal has not been printed	Renewal Date: Federal ID: Facility Screen:	01/21/93 Not reported No data missing	
	Certification Flag: Old PBS Number: Inspected Date: Inspection Rosult; LaMong: Facilly Type;	Fatsa 069949 Not reported Not reported Not reported MANUFACTURING	Confilication Date: Expiration Date: Inspector:	e:04/15/93 04/19/98 Not reported	
	PBS Number: SPDES Number: cNRE for	2-348155 Not reported	CBS Number:	Not reported	
tin get	Operator:	OZONE INDUSTRIES INC	a crope One:	11107045-5200	

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np ID rection		MAP FINDINGS	1		
stance stance (N.	.) Clar			C	EDR ID Numbe
EABLION .	5/10			Database(s)	EPA ID NUMBE
	DZONE INDUSTRIES_INC	(Continued)			£1001839532
	Emergency Contact:	JAMES BARBOLLA. (\$16) 354-3805			
	Total Tenks:				
	Owner:	101-32 101ST STREET			
		OZONE PARK, NY 11418			
		(716) 845-5200			
	Owner Type:	Corporate/Commercial	Owner Mark:	Second Owner	
	Owner Subtype:	Nol reported			
	Mailing Address:	OZONE INDUSTRIES INC			
		101-32 101ST STHEET			
		(718) 845-5200			
		ATTN: JAMES BARBOLLA			
	Facility Status:	2 - Unregulated by PBS (the total capa) Subpart 360-14.	city is less than 1,10	1 gallons) and	
	Capacity (gois):	1080			
	Tank Location:	UNDERGROUND			
	Tank ID:	005	Install Date:	12/66	
	Track leternal	NOS 7,2, OR 4 FOEL OIL	Leok type:	Sloercarbon steel	
	Pine Location	Not reported	Pipe Type:	GALVANIZED STE	¢1
	Tank External:	Not reported	· .pu : jp	0.2	
	Tank Status:	Closed Before April 1, 1991			
	Tank Error Status:	Minor Data Missing			
	Pipe External:	Not reported			
	Second Containment	NUNE			
	Chronik Dept	Rendered & much Clauser	Deserver	C	
	Date Tested:	Not reported	Nevi Test Date	Not reported	
	Date Closed:	00/00	Test Melhod:	Not reported	
	Deleted:	Fnise	Updated:	Faise	
	Dead Letter.	False	Owner Screen:	No data missing	
	FAMT:	Fiscal amount for registration fee is con	rect		
	Total Capacity:	0	Renewal Uble:	01/5//93	
	Renew Clear	C Bonural has not been original	Federal ID.	No data Militing	
	Certification Flag:	False	Certification Date	04/16/93	
	Old PBS Number:	069949	Expiration Date:	04/19/98	
	Inspected Date:	Not reported	Inspector	Not reported	
	inspection flesus;	Not reported			
	Latrong: Facility Type:	MOT REPORTED			
	rating type.	inditor Acrophic			
	PBS Number:	2-348155	CBS Nember	Not reported	
	SPDES Number:	Not reparted		-	
	SWIS ID:	6301	Telephone;	(718) 845-5200	
	Operator:	OZONE INDUSTRIES INC			
	Emergency Contact:	JAMES BARSOLLA, (516) 354-3805			
	Charlenes.	070NE INDUSTRIES INC			
	erner,	101-32 101ST STREET			
		OZONE PARK, NY 11416			
		(718) 845-5200			
	Owner Type:	Corporate/Commercial	Owner Mark:	Second Owner	
	Owner Subtype:	Not reported			
	Advertise and desires of	CHICKNET IN CONTRACTOR A INCOME.			

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		MAP FINDINGS	4.20 A		
en ⊕ 40 (≋t.) V0) Site			fistabese(e)	EDR ID Number
			·····		
	OZONE INDUSTRIES INC	(Continued)			U001839532
		OZONE PADK NY 11416			
		(718) 845-5200			
		ATTN: JAMES BARBOLLA			
	Facility Status:	2 . Unrequiated by PBS (the total capat	ity is less than 1,10	(gallons) and	
		Subport 360-14.	•		
	Capacity (gals):	1080			
	Tank Location:	UNDERGROUND			
	Tank ID:	006	Instal Date:	12/30	
	Product Stored;	NOS 1.2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel	
	Tank Internal:	Not reported	Pipe Internal:	Not reported	
	Pipe Localion:	Not reported	Pipe ()pe.	GALVANIZED STE	EL
	Lank External	NDI reported			
	Fank Starus	Closed Before April 1, 1991			
	Tenk Error Status:	Winer Data Musling			
	Fore granter	NOME			
	Leak Detection:	NONE			
	Overfill Prot:	Product 1 evel Gauge	Oiscensor:	Suction	
	Date Tested	Not isported	Next Test Date:	Not reported	
	Date Closed:	00/00	Test Method:	Not reported	
	Deleted.	False	Updated.	Faise	
	Dead Letter,	Falso	Owner Screen:	No data missing	
	FAMT:	Fiscal amount for registration lee is cor	rect		
	Total Capacity	0	Renewal Date:	01/23/93	
	Tenk Screen:	0	Federal ID:	Not reported	
	Ronew Flag:	Renwal hes not been printed	Fachity Screen:	No tiels missing	
	Contribution Fleg	False	Certification Date	0:04/16/93	
	UIB P85 NUMOR:	009949	Expiration Date:	04/19/98	
	Inspecied Carp:	Not reported	anapactor:	Mor reported	
	Intérent:	Not reported			
	Facility Type:	MANUFACTURING			
	PBS Number:	2-348155	CBS Number;	Net reported	
	SPDES Number:	Not reported			
	SWIS ID:	6301	Telephone:	(718) 845 5200	
	Opequilor:	OZONE INDUSTRIES INC			
	Emergency Contact:	JAMES BARBOLLA, (516) 354-3805			
	Total Tenks:	0			
	Owner:	OZONE INDUSTRIES INC			
		101-32 101ST STREET			
		OZONE PARK, NY 11416			
	Ounds Time:	(718) 845-5200 Companyin (Companyin)	Concert Martin	Dested Owners	
	Owner Type.	Corporate/Considercial	Cwnw Mark:	Second Owner	
	Molipo Arkheve	OZOME AND ISTRIES INC			
	manny roomaa.	101.32 101 STREET			
		OZONE PARK, NY 11416			
		(718) 845-5200			
		ATTN: JAMES BARBOLLA			
	Facility Status:	2 - Unregulated by PBS (the total capa	city is less than 1.10	H gallons) and	
		Subpart 360-14.		• •	
	Capacity (gals):	1080			
	Tank Location:	UNDERGROUND			
	Tank ID:	007	Install Date:	12/68	
	Product Stored:	NOS 12, OR 4 FUEL OIL	Tark Type.	Steel/carbon steel	
	Tank Internel:	No! reported	Pine leternet:	Not reported	

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itection istance istance (II.) avation) Sile				
islance (It.) levation) Site				
				Database(s)	EDR ID Numbe EPA ID Numbe
	OZONE INDUSTRIES_INC	(Continued)			0001839632
	Pipa Locate®	Not recorded	Pine Type	GOLVANIZED STE	
	Tank External:	Not reported	1.00 . 100.		
	Tank Status	Closed Before April 1, 1991			
	Tank Error Status:	Minor Data Missing			
	Pipe External:	Not reported			
	Second Containment;	NONE			
	Leak Delection:	NONE			
	Overfail Prot:	Not reported	Dispenser:	Suction	
	Date Tested:	Not reported	Next Test Date:	Not reported	
	Date Closed	00/00	Test Nethod:	Not reported	
	Doteled:	False	Updaled:	False	
	Dend Letter:	Palae	Cowner Screen:	No data micsing	
	FARD: Total Contactor	PISCAL APPOLINE TOT 10 GEBER BROIL FOR 15 COM	PCI Deter	010100	
	7 bittly Gapacity.	0	Fonewar Unter	0 112 1193	
	Bactor Clan	Consumitions and been related	Federal IU:	No data minsion	
	Confilication Flag:	Calca	Cadilication Close	OKI16/02	
	Old PBS Number	069949	Expiration Date:	04/19/98	
	Inspected Date	Not tripoded	inspector-	Not reported	
	Inspection Result:	Not reported			
	Latifong;	Not reported			
	Facility Type:	MANUFACTURING			
	P9S Number:	2-348155	CBS Number	Not reported	
	SPDES Number	Not reported			
	SWIS ID	6301	Tolephone:	(718) 845-5200	
	Operator:	OZONE INDUSTRIES INC			
	Emergency Contact:	JAMES BARBOLLA, (516) 354-3805			
	10121 Fanks:	0			
	Owner:	OZONE INDOSTRICS INC			
		101-32 10151 STHEET			
		17(8) 845 5000			
	Owner tume:	(710) Ind-0200	Owner Marks	Carrow d Owner	
	Owner Subhrie	Not reported	Control atlants	OBCOILD OTHER	
	Madian Address:	OZONE INDUSTRIES INC.			
		101-32 1015T STREET			
		OZONE PARK, NY 11416			
		(718) 845-5200			
		ATTN: JAMES BARBOLLA			
	Facility Status:	2 - Unregulated by PBS (the total capto Subpart 360-14	lly is less then 1,10	1 gallons) and	
	Capacity (nais);	1080			
	Tank Location.	UNDERGROUND			
	Fank ID:	608	Install Date	12/57	
	Product Stored:	NOS 1.2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steat	
	Tank Internal:	Not reported	Pipe Internal:	Not reported	
	Pipe Location:	Not reported	Pipe Type:	GALVANIZED STE	ËL
	Tank External:	Not reported			
	Tank Status:	Closed Before April 1, 1991			
	Tank Error Status	Minor Cells Missing			
	Pipe External	Not reported			
	Second Confernment:	NONE			
	Lesk Detechno:	NONE	<i>a</i> .		
	Overnii Moji	the reported	Cisponser	Suction	
	Usie rested:	NOT TODOTED	rvext Lost Liato:	NOL PODOTEC	

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Map ID Direction		MAP FINDING	s			
Distance Distance (19	J				EDB ID Numbe	
invalion	Site			Dotabase(s) EPA ID N		
	OZONE INDUSTRIES_INC	(Continued)			U001839632	
	Datetod.	Felse	Updated:	False		
	Dead Lotter:	Faise	Owner Screen:	No data missing		
	FAMT:	Fiscal amount for registration lea is	correct	-		
	Total Capacity:	۰.	Renewal Date:	01/21/93		
	Tank Scream:	0	Federal 10:	Not reported		
	Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing		
	Certification Flog:	False	Certification Date	,04/16/93		
	Old PBS Number:	069949	Expiration Date:	04/19/98		
	Inspected Date:	Not reported	Inspector	Not reported		
	Inspection Result;	Not reported				
	Lationg:	Not reported				
	FBCIMY TYPE:	MANUFACTORING				
	PBS Number	2-348155	CBS Number	Not reported		
	SPDES Number	Not reported	COURTERNESS.	The reported		
	SWIS ID:	6301	Telephone:	(718) 845-5200		
	Operator:	OZONE INDUSTRIES INC	10.4	1		
	Emergency Contact:	JAMES BARBOLLA, (516) 354-380	25			
	Total Tents:	0				
	Owner	OZONE INDUSTRIES INC				
		101-32 101ST STREET				
		OZONE PARK, NY 11416				
		(718) 845-5200				
	Ownor Type:	Corporate/Commercial	Owner Mark:	Second Owner		
	Owner Subtype:	Not reported				
	wannig voorezs:	UZUNE INDUSTRIES INC				
		101-32 10157 STREET				
		(718) DAE KOM				
		ATTN: IAMES RABBORIA				
	Facility Status	2 - Unreculated by PBS //he hotel of	enseite is less than 1.10	I maltone) and		
		Subnart 360-14	inprecity is reasoning in the 17,10	- Seturgeral street		
	Capacity (pais):	1060				
	Tank Location;	UNDERGROUND				
	Tank ID;	009	Install Date:	12/67		
	Product Stored:	OTHER	Tank Type:	Steel/carbon steel		
	Tonk Internal:	Not reported	Pipe Internal:	Not reported		
	Pipe Location	Not reported	Pipe Type:	GALVANIZED STEE	1	
	Tank Externol:	Not reported				
	Tank Status:	Closed Before April 1, 1991				
	Tank Error Status:	Minor Date Missing				
	Pipe External:	Not reported				
	Second Containment:	NONE				
	Look Celection:	NKUNE		a		
	Dete Testad	Product Laver Gauge	Disponsor:	Suction		
	Date Octool	noi reported	Next Fast Date:	Not reported		
	Dotelect	Falsa	Lednied:	Calor		
	Dand Latter	Falsa	Option Common	Parse		
	FAMT	Eisration lea is	conner adress.	No dam maturg		
	Total Capacity:	0	Beneval Date	01/21/93		
	Tank Screen;	ō	Federal IO	Not reported		
	Renew Fleg:	Renwal has not been printed	Facility Screen:	No data mission		
	Certification Flag	False	Certification Date	04/16/93		
	Old PBS Number;	069949	Expitation Date.	04/19/98		
	Inspected Date:	Not reported	inspector:	Not reported		
	Inspiration Result:	Not reported				

Distance Distance (fl.)	1			FDB ID No
Elevation	Site			Database(s)	EPA ID NU
	OZONE INDUSTRIES	INC (Continued)			100153963
	Lationg	Not reported			
	Facility Type:	MANUFACTURING			
B6	103-12 10157 AVEJS	T. MAR		LUST	\$10055997
NE 1/P	193-12 101ST. AVE.				₩A.
609	ACT TORK COT, HI				
Higher					
	LUST				
	Soll Number	8706124	Bening of Sale:	,	
	Facility Contact:	Not reported	Enclish Tele	Not reported	
	Investigator	BATTISTA	SW(S)	63	
	Caller Name:	Not reported	Caller Agency:	Not reported	
	Cater Phone:	Not reported	Celler Extension:	Not reported	
	Notifier Name:	Not reported	Notifier Agency:	Not reported	
	Notilier Phone:	Not reported	Notilier Extension	Not reported	
	Spiller Contact:	Not reported	Spiller Phone:	(716) 847-5947	
	Sprier.	ST. MARY GATE OF HEAVE	N		
	Spiner wooness:	OTONE BADY MY			
	Still Class:	Known telense with minimal	potential to fite or barand DEC	Deressee	
	oper cruste.	Willing Brangsible Party Co	other time action taken	rivoponise.	
	Spill Closed Dt:	03/17/93			
	Spill Cause:	Tank Tost Failure	Resource Affecte	d: Groundwater	
	Water Allocted:	Not reported	Spill Source:	Other Non Commercia	Mindvatriał
	Spill Notifier:	Tank Tesler	PBS Number,	2-385204	
	Spill Date.	10/20/87 16:30	Reported to Dept:	10/20/87 19:42	
	Cleanup Ceased	03/17/93			
	Class inspection:	17 Incidente Pala -			
	Becommended F	Penalty No Penalty			
	Spiller Cleanup E	ate //			
	Enforcement Det	e: //			
	Investigation Con	npiete: //			
	UST involvement	: Folse			
	Spill Record Last	Update: 02/15/94			
	is Updated:	False			
	Data Soil Extern	man suummed. /	1 Texesión		
	Date Batting Sec	Summaria to Control Office: 1	, , , , , , , , , , , , , , , , , , , ,		
	DEC Remarks:	03/17/93: CONTENZA TOOK	TANK OUT OF SERVICE ON	R/19/AA	
	Spill Cause	2K TANK FAILED TEST WIT	HALEAK RATE OF . 142 G/H	. WILL EXCAVATE.	50
		LATE, AND RETEST.			
6	THE HEADY CATES.				
NE	103-12 101ST AVENU	E		LUST	S10055997
< 1/8	NEW YORK CITY. NY	-			- WA
609					
Higher					
	1157				
	Coll Nomber	8903933	Station of Co.S.		
	Encline Contact:	tiet a ported	Facility Tale:	2 Matematica	
	Investosió*	RATTISTA	CANACITY LINE:	63	
	and a highlight		Galles Annual	4760	
	Caller Martin	RUBERLITARK			
	Caller Manve: Caller Phone:	1703) 520-4700	Callet Agency: Callet Extension:	Not ranorted	

TC0424127.1r Page 18

Histance				Map (D Direction Distance		Nao	
listance (11. Tevalion) Site	Database(s)	EDR D Number EPA (D Number	Distance (I Elevation	ht) Site	Detabase(s)	EDB ID Numb EPA ID Numb
	THE MERRY GATES OF HEAVEN (Continued)		S100559977		103-10 103RD ST (Continued)		S101341231
	reciting Phone: Applied Charles OF NEAVEN Spiller Charles In Act Reported Spiller Advises III ST AVENUE Spiller Advises III ST AVENUE CZONE PARK MY Spill Charles III ST AVENUE Spill Charles IIII ST AVENUE Spill Charles IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Keyling & Extension, Not reported Spillar Phone: Not reported ur fire or hazard. DEC Response. totor taken. Resource Affocts: Groundwater Spill Source. Ober Non Commerci PBS NeurSer. Not reported Resorted to Disported Resorted to Disported	alfridustris		nivesgisch umpres / / ILST involvement Palae SpR Record Last Updair 0705/95 Is Updaies Connective Action Pan Byborhted: / / Cancetive Action Pan Byborhted: / / Date Split Entered In Computer Data File: 07/25/95 Date Region Stern Summary to Central Office: / / DEC Remark: Not reported Data File: 07/25/95 Date Region Stern Summary to Central Office: / Split Cause: CONTRACTOR CLOSING OUT PUP THEY COVERED THE SPILL WITH LS. TALK	ITURED IT AND SPILLED A LOT OF OIL IN DIP DIRT-TANK IS STILL IN THE GROUND, 1000	RT, AND G G
	Cleanop Cessed: 03/17/93 Last Inspection: / / Cheaning Meets Standard: False Recommended Penalty: No Penalty Callec Cleaning Device: / / / /			C9 ESE 1/8-1/4	103RD ST & 103RD AVE/OUNS 103RD ST / 103RD AVE NEW YORK CITY, NY	LUST	S102671479 N/A
	hvestigation Compete: // UST (moreheart): Fails Spill Record Last Update: 02/15/04 (a Update): Data (Data): Data (Data): Data Casta Spill Extends In Competer Data File Usda Spill Extends In Competer Data File Usda (Data): Series Simmary to Commel Office / / DEC Remarks: 02/17/83: COMTENCE TOOK TANK 01 Spill Course: STSTEMS TST, VISIBLE LEAK, BPC SPIEL Course: STSTEMS TST, VISIBLE LEAK, BPC	LT OF SERVICE 0/1980. Ken gasket on the man way, well r	EPAIR GA		LUST: Spik Numbor BP10300 Fucikly Contact: Not reported Investigation: SIGONA Cataer Name: UCHH NAMISCALCO Cataer Phone: (716) 846-6365 Notifier Name: Not nported Spiker Name: Not nported Spiker Name: 120.06 UT VITUTES Spiker Addresse: 120.06 UT VITUTES	Aegion of Spill: 2 Facility Tate: Not reported SWIS: 63 Caller Agency: CITY UTILITIES Caller Evency: Not reported Notifier School: Not reported Notifier School: Not reported Spiller Phone: (716) 546-3536	
8 SE /8-1/4 86 figher	103-70 103RD ST 103010 103RD ST OZONE PARK, NY	LUST	S†01341231 N/A		RICHMOND HILL, NY Spill Class: Known reisase with mnimal potentia Willing Responsible Party. Corractive Spill Classe: 12/08/02 Spill Classe: Tank Overfill	for fire of hazard, DEC Response, action taken. Resource Allected: On Land	
•	LUST: Self Number: 8412058 Self Number: 9412058 Investigation: TOMASELO Caller Name: KODU TANG Caller Pane: K0150011400 Koldior Fhame: Not reported Splifter Contact: Not reported Splifter Contact: Not reported Splifter Contact: Not reported	Pegion of Spill: 2 Facility T 64: Not reported SWIS: 63 Cafler Agency: NYS DEC Cafler Extension: Not reported Notifier Agency: Not reported Notifier Extension: Not reported Spiller Phone: Not reported			Waler Affected. Not reported Spin Nortie: Persponsible Party Spin Date: comparison 15:50 Units of the Spin Spin Spin Spin Spin Spin Spin Last toppediate: 1/ Cleanup Atletts Spin Address True Recommended Perovity. No Penaty Spiner Cleanup Date: // Enforcement Date: // Investigation Compete: // UST Investigation Compete: //	Spill Seure: Othe Connectivity PSS Namer Not reported Reported to Dept: 01/16/90 17:30	ustrial
	Spire Address Not ropored Spill Class. Known ofeese that croates potential fo Willing Responsible Party. Corrective a Spill Closed Dt: / / Spill Closed Dt: / / Jank Failure	or fire or hazard, DEC Response. Inction token. Resource Attacted: On Land			Spill Hecond Lasi Uppate: 12/10/92 Is Updated: Faile Corrective Action Plan Submitted: / / Oate Spill Entered In Computer Data File: 01/31/97 Data Region; Sent Summark to Central Office: / /	}	
	Water Affacted: Not reported Spill Matilier: Citizen Spill Date: 12/07/94 12:00 Cleanub Ceased: / /	Spill Source: Other Non Command PBS Number: Not reported Reported to Dept: 12/09/94 11:20	jaMindustrial		DEC Remarka: Not reported Spill Cause: 1080 GALLON TANK OVERFILLED,	SPEEDY DRY APPLIED, DISPOSED OF PROP	PERLY.
	Last Inspection: 7.7 Clashup Meets Standard: Falsa Recommended Penalty: No Penalty			10 South 1/8-1/4 2/2	PUBLIC SCHOOL #65 10322 B9YH ST OZONE PARK, NY	ny Spihe	\$102663560 N/A

Map ID Direction Distance Distance (tt.) Elevation Site MAP FINDINGS EDR ID Number Database(s) EPA IC Number PUBLIC SCHOOL #55 (Continued \$102563560 -udLIC SCHOOL #61 SP8_LS: Split Number: Packity Contact. Investigator: Caller Name: Caller Name: Notifier Phone: Notifier Phone: Spliter Contact: Spliter: Spliter Address: Split Class: Split Cast.
 BLUE SCHOOL #84 (Continued)
 \$1028438

 SPELS:
 State Number:
 \$1028438

 SPELS:
 Facility Contact:
 Not reported
 Facility Contact:
 Not reported

 SpRI Number:
 \$700595
 Pregion of SpRI
 2

 Caller Thoma:
 Not reported
 SpRI Number:
 Not reported

 Caller Thoma:
 Not reported
 SpRI Number:
 Not reported

 Caller Thoma:
 Not reported
 Notifier Canadian:
 Not reported

 SpRIF Contact:
 Not reported
 Notifier Canadian:
 Not reported

 SpRIF Contact:
 Not reported
 SpRIF Contact:
 Not repor MAIN LINE AUTO COLLISION INC 103-32 10197 ST OZONE PARK, NY 11417 RCRIS-SOG 1000552699 NYD980951044 11 SSE 1/8-1/4 761 Higher RCRIS: Owner JOSEPH DUAZAK (212) 555-1212 Contact: JOSEPH DUSZAK (718) 848-8010 Record Date: 04/29/1991 Classification: Small Quantity Generator

and a second second

Map ID Direction Oistance Distance (ft.) Elevation Site MAP FINDINGS Database(s) EPA ID Number MAIN LINE AUTO COLLISION INC (Continued) 1000552699 Used Dil Recyc: No Violation Status: No violations found YOGUES MFG CO INC 103-11 987H ST OZONE PARK, NY 11417 12 SSW 1/8-1/4 765 Higher RCRIS-SQG 1000424657 NYD001213826 RCRIS: Owner RADAR ASSOCIATES INC & FRED VOGES (212) 555-1212 ROBERT VOGES (718) 843-7100 Contact-Record Date: 06/26/1980 Classification: Not reported Used Oil Recyc: No Violation Status: No violations found (GARAGE) O. Z. QUIC OIL CHANGE & LUBE 9733 100TH ST OZONE PARK, NY 11416 D13 NNW 1/8-1/4 879 Highor UST U003065913 N/A PBS US7; PBS Numt SPDES Nu SWIS ID: Operator: Emergency Yotal Tanks; Owner 2-602623
CBS Number: Not reported
Not reported
Not reported
Not reported
Not reported
Not Report Nr CLTRONE (S16) 794-0878
CAROU IN CLTRONE (S16) 794-0878
CAROU IN CLTRONE (S16) 794-0878
CAROU IN CLTRONE (S16) 794-0878
CAROUN RY 11554
(S16) 794
CAROUN RY 11554
(S16) 795
(INF CAROUN RY 1155
(S1 Telephone. (718) 641-2184 Owner Type: Owner Subtype: Mailion Address: Facility Status Capacity (gals): Tank Location: Tank ID: Product Stored: Tank Memal: Pipe Location: Tank External: Tank Status: ONLENGTHOUSE IN THE SECOND OF SECONDOF SECONDOF SECONDOF SECONDOF SECONDOF SECONDOF SECONDOF SEC install Date: Tank Type: Pipe Internal: Pipe Type: 00/00 Sleet/Carbon sleet NONE GALVANIZED STEEL

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Mep ID Direction Distance Distance (I Elevation) Sile	MAP FINDINGS		Database(s)	EDR ID Number EPA ID Number	Map (D Direction Distance (f Elevation	r.) Sito	MAP FINDINGS		Oəlabase(s)	EDA ID EPA ID I
	(GARAGE) C. Z. QUIC O	L CHANGE & LUBE (Continued)			U003065913		97-05 103 AVE (Continued	0			U00040
	Tank Error States: Pipe External: Second Constitutent Leak Detection: Overfil Prot: Date Tested: Date Tested: Date Closed: Date dised:	No Missing Data NONE/PAINTE//ASPMALT COATING NONE/NONE NONE/IN-TANK SYSTEM High Level Alarm Ostod Ostod Sabe	Dispenser: Next Test Date; Test Method: Updated:	Suction Not reported Not reported False			Mailing Address: Facility Status: Capacity (calst)	97-05 103 AVENUE BASEMENT APT. 97-05 103 AVENUE OZCHE PARK, NY 11417 (718) 541-0523 ATTN: SUPER FACILITY MANAGER 1. Active PES facility, i.e. total capacity (1, 500 galons, regardless if Subpart 360- 2500	of the PBS tanks is 14 lenks exist or n	gravler than of at the facility.	
	Dead Letter; FAMT: Total Capacity: Tank Screen; Benew Flag;	Faile Flacal amount for registration fee is corre 0 0 Renwal has not been printed	Owner Screen: act Renewal Date: Foderal ID: Facility Screen:	No dela missing / / Not reported No data missing			Tank Location: Tank ID; Product Stored: Tank Internat; Fipe Location;	UNDERGROUND 001 NOS 1,2, OP 4 FUEL OIL Not reported Not reported	Install Date: Tank Type: Pipe Internal: Pipe Type:	00/00 Steel/carbon steel Not reported STEEL/IRON	
	Centrication Hais: Old PBS Number: Inspected Date: Inspection Result: Lations: Facility Type:	helise Not reported Not reported Not reported Not reported OTHER	Certilication Date Expiration Date: Inspector:	e:02/23/96 02/15/01 Not reported			tank txternal: Tank Status: Tank Error Status: Pipe External: Second Containment: Leak Detection:	Not reported to Service Minor Data Missing Not reported VAULT NONE			
D14 NNW 1/B-1/4 B88 Higher	SAL & SON INC 97-21 101ST ST CZONE PARK, NY 1141	5		RCHIS-SQG	1000108175 httd902727356		Overfill Prot: Data Tested: Data Closed: Delated. Dend Latter: FAMT: Total Capacity.	Product Level Gauge 04/96 Not reported False False Fiscal amount for registration foe is corre 2500	Dispenser: Next Test Date: Test Method: Updated: Owner Screen: ct Renewal Date:	Suction 04/03 HORNER True Minor date missing 06/16/97	1
	RCBIS: Owner: SA (21 Contact: SA (21	L L EO 27 555-1212 L LEO 81 845-8546					Tank Screen: Renow Flag. Certification Flag: Okt PBS Number Inspected Dater Inspected Dater	Minor date mussing Remwei has not been printed Folse Not reported Not reported Not separted	Federal ID: Facility Screen: Certification Date Expiration Date: Inspector:	Not reported No data missing 05/08/98 07/20/02 Not reported	
	Record Date: 03/ Clossification: Sir Used Oit Recyc: No	16/1989 Iall Quantity Generator				b -1	Las/long. Facility Type:	Not reported APARYMENT BUILDING			
	Violation Status: No	violations found				D75 NW 1/ਰ-3/4 916 ਸੰਬਰਮਰਾ	JACMON TRANSPORATIC 9726 99TH ST OZONE PARK, NY 11420	J# INC		UST	U0030 N/A
15 SW 1/8-1/4 899	97-08 103 AVE 97-05 103 AVE OZONE PARK, NY 1141	7		ust	U000491825 N/A		PBS US7: PBS Number: SPDES Number:	2-083275 Not reported	C8S Number.	Not reported	
Higher	PBS UST: PGS Number: SPDES Number, SWIS ID: Operator:	2-081108 Not reported 6301 FRANCES KAMINSKY	CBS Number: Tetephone:	Not reported (716) 541-0523			Operator. Energency Contect: Total Tanks: Owner:	GUI JACMOR TRANSPORTATION INC FRANK BLACKSTONE, (718) 843-0095 0 JACMOR TRANSPORTATION INC 111-08 JAMAICA AVENUE RICHMOND HILL, NY 11418	Folgorione:	(119) 042-0840	
	Emergency Confact: Total Tanks: Owner.	MAURO TUMMOLO, (516) \$93-5937 1 MAURO TUMMOLO P.O. BOX 1102 VALLEY STREAM, NY 11590 (2000 6000					Owner Type. Owner Sublype: Maiting Address:	(718) 847-4200 Corporate/Converged Not reported JACMOR TRANSPORTATION INC 111-08 JAMAICA AVENUE Dictor/ONE UNI - AND AND	Ownei Mark:	First Owner	

Map ID Direction		MAP FINDINGS			
Distance					
Elavation	Sile		Datebase(s)	EPA ID Numb	
	JACMOR TRANSPORATIO	ON INC. (Continued)			(1003074322
	Fecility Status:	2 - Unregulated by PBS (the total capacit Subpart 360-14	ly is less than 1.10	T gallons) and	
	Capacity (gats):	1000			
	Tenk Location:	UNDERGROUND			
	Tank (D:	001	Instaß Date:	00/00	
	Product Stored:	UNLEADED GASOLINE	Tank Type:	SigeVcarbon sigol	
	Tank Internal:	NONE	Pipe Internet:	NONE	
	Pipe Location:	Underground	Pipe Type:	STEEUIRON	
	Tank External:	NONE/NONE			
	Tenk Status:	Closed-Removed			
	Tank Error Status:	No Missing Date			
	Pipe External:	NONEMONE			
	Second Containment:	NONEMONE			
	Leak Detection:	NONERVONE			
	Overfill Ptot:	None	Dispenser:	Suction	
	Date Tested	Not reported	Next Test Date:	N.T.A	
	Date Closed	10/97	Test Malhod:	Not reported	
	Colsted:	False	Updated:	False	
	Usad Letter	False	Owner Screen:	No data missing	
	FAMI:	Fiscal amount for registration log is corre	et		
	total capacity:	0	Renewal Onto:	12/11/96	
	Fank Screen	U	Federal PD:	Not reported	
	Henew Hart	Hanwisi nas not been pinnteo	Pacany Screen:	No data prissing	
	Centrication risig:	FBIS0	Certification Date	02/28/97	
	Old PBS Nomber	Not reported	Expiration Date:	03/24/02	
	Inspection Date	Not reported	unspector.	моч теропер	
	I stione:	Not mooded			
	Facility Type:	TRUCKING/TRANSPORTATION			
	PBS Number	2-083275	C8S Number.	Not reported	
	SPDES Number	viol tehoured			
	SWIS ID-	6301	Telaphona:	(718) 845-9849	
	Operator:	JACMOR TRANSPORTATION INC			
	Emergency Contact:	FRANK BLACKSTONE, (718) 843-0095			
	Total Lenks:				
	Owner:	JACMUN FRANSPORTATION INC			
		111-08 JAMANCA AVENUE			
		HICHMOND HILL, NY 11418			
	Owned Tume	[/18] 647-4200	Courses Marth	Cont Deserve	
	Owner Type.	Corporate/Commercial	V/Whor Mark's	First Owner	
	Mailion Address	INCREASED TRANSPORTATION INC			
	waining Address.	111.09 ISHAICE SVENIE			
		RICHMOND HILL NY 11419			
		7181847.4200			
		Not Benoted			
	Facility Status:	2 - Unit-pulated by PBS (the total capacit	y is less than 1,10	t gallons) and	
	Camprily (pois):	540			
	Tank Location:	UNDERGROUND			
	Tank ID	0122	loctal Data:	00.00	
	Product Stored:	UNI FADED GASOLINE	Tank Type:	Stark/carbon staat	
	Tank Internal:	NONE	Pipe Internation	NONE	
	Pipe Location:	Underground	Pipe Type	STEEL/BOM	
	Tank External:	NONE/NOME	· · · · · / PA.	0	
	Tank Status:	Closed-Bellowed			

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Manth		Map ENDINGE								
Direction		MAP FINDINGS								
Distance										
Distance (#	u)				EDR ID Number					
Elevation	Sile			Database(s)	EPA ID Number					
	JACMOR TRANSPORATIO	IN INC (Continued)			UB03074322					
	Tank Error Status:	No Missing Data								
	Pipe External:	NONE/NONE								
	Second Containment:	NONE/NONE								
	Leak Delection:	NONEMONE								
	Data Testadi	None	Disponsor:	SUCTOR D						
	Date Closed:	10/07	Tech Method	N.I.P.						
	Deleted	Falte	Lodgled:	Selet						
	Dead Latter:	Fatse	Ownet Screen	No data missino						
	FAMT	Fiscal amount for registration les is com-	of an							
	Total Capacity:	0	Renewal Date:	12/11/96						
	Tank Screan:	0	Federal ID:	Not reported						
	Renew Flag:	Renwal has rad been printed	Facility Screen:	No date missing						
	Certification Flag:	False	Certification Date	:02/28/97						
	Old PBS Number.	Not reported	Explication Date:	03/24/02						
	Inspected Date:	Not reported	Inspector:	Not reported						
	Inspection Result	Not reported								
	Laviong.	Not reported								
	racisty type:	RUCKING TRANSPORTATION								
	PBS AST:									
	PBS Number.	2-083275								
	SPDES Number:	Not reported	SWIS Code:	6301						
	Federal 1D:	Not reported	Previous PBS#:	Not reported						
	Facility Status:	 Unregulated by PBS (the total capacit Subpart 360-14. 	y is iess than 1,10	1 gallons) and						
	Facility Type:	TRUCKING TRANSPORTATION								
	Gwmer Type:	Corporate/Commercial								
	Owner Sub Type:	Not reported								
	UNHER.	111 OF THIS AND								
		DICHNERO SHILL NY 17418								
	Ownet Phone:	(718) 947-4200								
	Facility Physie:	(718) 845-9649								
	Operator.	JACMOR TRANSPORTATION INC								
	Emergency Name:	FRANK BLACKSTONE								
	Emergency Phone:	(718) 843-0095								
	Total Tanks:	0								
	Fotol Capacity:	Not reported								
	Tank Elstern	Vos								
	Conarity (Gal)	The summer team of the second se								
	Tank Error Stable	ero Manar data miarina								
	Tank Location:	ABOVEGBOIND								
	Product Stored	NOS 1.2. OR 4 FUEL OIL								
	Tank Type:	Steel/carbon steel								
	Install Date:	Not reported								
	Tank Internal:	Not reparted								
	Tank External	Not reported								
	Tank Containmont:	NUNE								
	r tpe Type. Rice Leasting:	S (EEURION Not which ted								
	Proc Localion	Not a ported								
	Pine External	Not experied								
	Leak Detection:	NONE								
	Overfill Protection	Product Level Gauge								
	Dispenser Method,	Suction								
	Date Tested.	Not reported	Next Test Date.	Not reported						
Normal Science	Map ID Direction		MAP FINDINGS				Moo (D Direction Darks on	MAP FINDINGS)	
--	---	--	---	--	--	--------------------------------	--	--	--	--------------------------------
A Solution	Distance (ft. Elevation	Site			Ontabase(s)	EDR IC Number EPA ID Namber	Distance (f.) Elevation Site	·······	Database(s)	EDR ID Number EPA ID Number
		JACHOR TRANSPOR	ATION INC (Continued)			0093074322	THE VOGES MEG. COMPA	NY INC. (Continued)		U003055808
		Date Closed. Updated: Date Inspected: Result of Inspected Mailing None: Mailing Contact; Mailing Contact; Mailing Contact; Mailing Contact; Mailing Contact; Certilication Fing; Ronew Filog: Lodd Cong; Dand Letter: Facility Screen;	08%6 False Not reported JACMOR TRANSPORTATION INC JACMOR TRANSPORTATION INC IT108 JAMACA AVENUE RICITMOND HLL NY 11418 Not reported False False Not reported False Not reported False Not reported False	Test Method: Deleted: Inspector: Expiration Date: Cemilication Date Renew Date:	Not reported False Not reported 03/24/02 :02/28/97 12/11/96		Facility Stens: Copacity (gala): Tank Localdon: Tank To: Product Stored: Tank Internal: Pipo Location: Tank Status; Tank Status; Tank Status; Tank Status;	103-11987H STREET 2020/RE PARK, NY 11417 (718) 843-7100 ATTM. ROBERT VOGES 2- Unregulated by RUS (the total copecity is less than 1 Subject 360-14 Subject 360-14 Subject 360-14 099 Finished Date: Not reported Not re	101 gallons) and 12/45 SteeVcarbon steef Noi reported STEEL/IRON	
Wateria		Owner Screen: Tank Screen: Fiscal Amount for	No data missing 0 Registration Fee is Correct: True				Pipe External: Second Containment Leak Detection: Overfill Proc Date Testad	Not reported NONE OTHER Product Level Gauge Dispenser: 11/01 Next Treat Dat	Suction IN T.A	
	Ð17 NNW 1/8-1/4 958 Higher	SUPERSTAR AUTO (97-07 100TH ST OZONE PARK, NY 1	Collision & Rep 1476		ACRIS-SOG	100955267 9 NYD986950830	Cato Closed Deleted; Disof Latter; FANT : Total Capacity;	02/96 Test Method: Falto Updated: Falto Demo Scree Fiscal amount for registration fae is correct 0 Benaved Date	HORNER False No data missing	
And a second sec		RCRIS: Owner: Contact: Record Date;	MICHASL CASILLO (212) 555-1212 MICHAEL CASILLO (718) 848-9457 64/25/1991				Tank Softwar Pathew Flag Catilization Filing Citil P35 Number Inspector Result Lawlong Facility Type	0 Probable Faile Continued Faile Not reported Experied Not reported Experied Not reported Inspector, Not reported Mater ported Mater Specific	Not reported m: No data relissing tel: 05/28/93 tel: 03/24/87 Nor reported	
S.		Used Oil Recyc; Violation Status:	Sman Allamaty Setterator No No victations lound				PSS Namber SPDES Namber SWS ID: Operator Emargency Contact: Total Tanks	2.082090 CBS Number Not reported 5301 ROBERT VOGES Telephone: ROBERT VOGES (718) 843-7100 0	Not reported (718) 843-7100	
	£18 South 1/8-1/4 921 Hijsher	THE VOGES MFG. C 10311 98TH ST OZONE PARK, NY 1	ompany inc. 1417		UST	1/003066808 N/A	Owner:	THE VOCES MFG. COMPANY INC. 103-1198TH STREET OZONE PARK, NY 11417 (718) 843-7100 Competibiliterramental Competibiliterramental	First Questi	
	r i gres	PBS UST: PBS Number SPDES Number: SWS ID: Operator. Emergency Conte	2-082090 Not reported 6301 ROBERT VORES at ROBERT VORES (716) 843-7100	CBS Number: Telephone:	Not reported (718) 643-7100		Crimes System Crimes Subtyper. Mailing Advess Facility Status;	VI (TROME) THE VOGES MEG COMPANY INC. 103-11 9814 STREET OZONE PARK, NY 11417 (718) 435-710 OGES 2 - Unrogulated by PBS (the Iolal capacity in less than 1	.101 gallons) and	
dition		Totat tarks; Owner: Owner Type:	v THE VOGES MFG, COMPANY INC, 103-11 9811 STREET Q2ONE PARK, NY 11417 (718) 643-7100 Culporate/Commercial	Owner Mark:	First Owner		Capacity (gn%): 13nk Location: 7 Tank Li Product Stored.	Subpart 360-14. 1500 UNDERGROUND 099 Install Date. NOS 1.2, OR 4 FUEL OIL Tank Type:	12/45 Steel/carbon steel	1
		Owner Subtype: Mailing Address:	NO REPORTED THE VOGES MPG, COMPANY INC		TC04	24127.1r Page 27			TCO	424127.1r Page 28

		free contractions in the contraction of the contrac			τ.	
Map ID		N. N	AP FINDING	s		
Sirection		N. Sanding and Sand	·		1	
hstance (l	*1					EDD ID Hu-
levation	Site				fateastered	EPA IDNum
	THE HOCKE MED DOWN					
	THE YOOKS MFG. COMP.	ANT INC. (Controled)				0003055508
	Tank Internal:	Not reported		Pipe Internal:	Not reported	
	Pipe Location:	Not reported		Pipe Type:	STEELTRON	
	I ank External	Not reported				
	Tank Status,	Minor Data Mission				
	Pine External	Not reported				
	Second Containment	NONE				
	Lesk Oplection:	OTHER				
	Overfill Prot.	Product Level Gauge		Dispenser.	Section	
	Date Tested:	91/91		Noxi Test Dai	te: Not reported	
	Date Closed:	02/93		Test Method:	HORNER	
	Deleted.	Falso		Updeled:	False	
	Dead Letter	Falso		Owner Screet	n: No data missing	
	FAME	Fiscal amount for reg	Istration 199 is	correct		
	Total Copierty:	0		Frenewal Cale	8. 01/29/9/2	
	Dector Fina	U Repured have not been	minted	Federal (C)	INVA FEDOLIBO	
	Carlification Fibe	Falco	During	Cadification E	n; No bast hissing	
	Old PBS Number	Not reported		Extrination Da	In: 03/24/97	
	Inspected Date:	Not reported		insuector	Not reported	
	Inspection Result:	Not reported				
	Eastiong:	Not reported				
	Facility Type:	MANUFACTURING				
lighur						
	LUST					
	Spill Nomber: 980	5028		Region of Spin	5	
	Facility Contact: No	t reported		Facility Tele:	Not reported	
	Collectioners MA	ULEENT DE STOCAUE		SW/S:	63	
	Callet Phone: 121	2) 714.2140		Caller Agency: Caller Extension:	PHOMATECH	
	Notifior Name: MA	RKSTRFAHLE		Notifier Agency	PROMATECH	
	Notifier Phone: (21	21714-2140		Notifier Extension:	Not reported	
	Spiller Contact: No	reported		Spiller Phone:	(800) 247-5232	
	Späler: CC	ASTAL OIL OF NY INC				
	Spiller Address: No	t reported				
	Spell Class: No	reported				
	Spin Gosed Of: 77	1		A	6 . I	
	Spercause, jar	NK UVERIR		Hosource American	On Land	
	Soil Notifier Alt	ected Parrons		ODC Number	0 Other Hon Commarcia	nukan sturge
	Spill Date: 07/	22/98 13:30		Baparted to Dent-	02/27/08 15:02	
	Cloohup Ceased: / /			indported to prope	Diverso io.ac	
	Last Inspection: / /					
	Cleanup Meets Stand	lard Faise				
	Recommanded Pena	hy. No Penalty				
	Spiller Cleanup Date:	11				
	Enforcement Date:	11				
	Investigation Complet	18; <i>11</i>				
	USH mybivement;	háitse Mais ACADAMAR				
	Spin record Last Eloc le Lindatect	Foles				
	Corrective Action Pla	s Submitted	11			
	Date Spill Entered In	Computer Data File:	07/22/98			
					1CM	124127.1 Pag

Map ID Direction		MAP FI	INDINGS		
Distance Distance (ft Elevation) Sile			Detaborso(s)	EDR ID Numbe EPAID Numbe
	NYC POLICE PREC	7, 186 (Continued)		_	\$103478934
	Date Region Se	nt Summary to Centrel Office: / /			
	DEC Remarks: Spilt Couse:	MARK STRAHLE OF PROMATE E EXCAVATED AND REMOVED YZED FOR STARS VOCs & SEA JK INSTRUCTED PROMATEC NK AND CAPPING ALL LINES. Work being done to install a hanc	CH REPORTS THAT 100 TON , THREE END-POINT SAMPLE M VOCE, LAB RESULTS FELL H TO PERFORM TEMPORARY If cap ramp; contaminated soil	S OF CONTAMINATE S WERE COLLECTS BELOW DETECTION CLOSURE BY PUM	ED SOIL WER ED AND ANAL E LIMITS PING OUT TA
		From tank overfills or spillage duri	e to speak to a lep. Appears to ing tank fills.	2 De	
9 Iorth /8-1/4 R35 Higher	RELIABLE & & G FU 101-10-08 97TH AVE OZONE PARK, NY 1	IELS 11416		UST	U00320055‡ N/A
	PBS UST:				
	PBS Number	2-603071	CBS Number.	Not reported	
	SPOES Number. SWIS ID.	Not reported 6301	Telephone	(718) 845,0500	
	Operator	RELIABLE A & G FUELS	· oreprative.	(10) 640-0000	
	Emergency Contr	act: RELIABLE A & G FUELS, (718) 845-0500		
	Total Tanks:	0			
	Owney.	110 INDEN STREET			
		VALLEY STREAM, NY 115	80		
		(516) 825-1622			
	Owner Type:	Corporate/Commercial	Owner Mark:	First Owner	
	Mailing Address:	RELIABLE A & G FUELS			
		95-40 102ND STREET			
		OZONE PARK, NY 11416			
		(718) 845-0500 ATTN: BICKARD SANTO	20		
	Facility Status:	2 - Unregulated by PBS (th	e lotal capacity is loss than 1.10	H nations) and	
		Subpart 350-14.			
	Copecity (gals)	550			
	Tenk ID:	01	install Daltr	00/00	
	Product Stored:	UNLEADED GASOLINE	Tank Type:	Steel/carbon steel	
	Took Internal:	NONE	Pipe Internal:	NONE	
	Pripe Location:	Underground	Pipe Type:	GALVANIZED STE	El.
	Tank States:	Closed-in Place	COATING		
	Tank Error Status	s: No Missing Data			
	Pipa External:	NONENONE			
	Second Containin	NONCARONE			
	Overlift Prof	High Level Alarm	Dispenser.	Suction	
	Date Tested:	Not reported	Next Test Date:	Not reported	
	Date Closed:	00/00	Yest Method:	Not reported	
	Deart Letter	t-alse False	Updated. Owner Screen	1 rDB Mo della massimo	
	FAMT:	Fiscal amount for registration	on fee is correct	one meaning	
	Total Capacity:	0	Renewal Date:	11	
	Tank Screen:	0	Federal ID:	Not reported	
	Certification Flam	Fernival has not been printe Failse	co Facility Screen: Certification Det	INO data misang	
	occast and any	1 10 10	CASHING A POINT DATE		

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and the second se

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	2	22	мар	FINDINGS	

Map ID Direction Distance Distance (fr.) Elevation Site EDR ID Number Database(s) EPA ID Number REUABLE A & G FUELS (Continued) Inspected Date: Inspection Result: LaViong: Facility Type; Not reported Not reported Not reported OTHER Not reported Inspector Not reported 2-5630271 CBS Number: Not reported Net reported 2011 RELARLE A & PUELS 2011 RELARLE A & FUELS 2012 RELARLE A & FUELS 2017 RELARLE A & FUELS 2017 PBS Number: SPDES Number: SWIS ID: Operator: Emargency Contact: Total 3 inks: Owner: Owner Type: Owner Subtype: Meiling Address Fecility Status Cepacity (joits) Tank Location: Tank Location: Product Stored: Tank Notenas-Product Stored: Tank Stutenat: Tank Stutenat: Tank Stutenat: Tank Stutenat: Price External Second Containme Price External Delatod: Paerd Letter. FAMT: Total Capacity. Tank Screen: Napacity Result, Urgenetion Result, Urgenetion Result, Procility Type: 20/05 Stoel/carbon steel NONE GALVANIZED STEEL Dispansor: Suction Next Test Date: Not reported Test Method: Not reported Updated; Trive Owner Screen; No date missing tt Renewal Date; // Federal ID: Not reported Facility Screen: No date missing Cartification Date; // Expiration Date: 07/18/02 Inspector: Not reported Filter animates 0 Reinval has not been printed Failse Not reported Not reported Not reported Not reported Not reported Not reported 2-603071 (Net reported 6301 T RELIABLE A & G FUELS RELIABLE A & G FUELS, (718) 845-0500 PSS Number: SPDES Number: SWIS ID: Operator, Emergency Contact CBS Number: Not reported Telephone: {718} 845-0500

TC0424127.Tr Poge 31

0003200551

Map (D Oirection Distance Oirtignee /***		MAP FINDINGS			EDB iD N
Elevation	Site			(Database(s)	EPA ID Num
	RELIABLE A & G FUELS	(Continued)			U003200551
	Total Tanks.	0			
	Owner:	VITO SANTORO 1110 LINDEN STREET VALLEY STREAM, NY 11580 (516) 25 1822			
	Owner Type:	Corporate/Commercipi	Owner Mark:	First Owner	
	Owner Subtype: Mailing Addross:	Not reported RELIABLE & & G FUELS 95-40 102ND STREET OZONE PARK, NY 11476 (718) 245-0500 ATTN: BULLARD SANTORO			
	Fecility Status:	2 - Unregulated by PBS (the total capaci Subnart 360-14	ity is less than 1,10	I gallons) and	
	Capacity (gais):	4000			
	Tank Location:	UNDERGROUND			
	Tank ID:	03	Install Oate:	00/00	
	Product Stored:	DIESEL	Tank Type:	Steel/carbon steel	
	fank internal;	NUNE	Pipe Internat.	NONE CALLYANNEE DZEL	-
	Pipe Locatori:	MONEY CONTRACTOR AND A CONTRACT	Hipe Type:	GALVANIZED STEI	rt.
	Tank Status	Closed in Place			
	Tank Error Status:	No Missino Data			
	Pipe External:	NONE/NONE			
	Second Containment:	NONE/NONE			
	Leak Detection:	NONEMONE			
	Overfilt Prot:	Product Level Gauge	(Xspenser:	Suction	
	Date Tested:	Not reported	Next Test Date:	No! raported	
	Date Closes:	UD/OU Falsa	Tost Method:	Not reported	
	Doed 1 ster	False	Optianed:	No date micrico	
	FAMT	Fiscal amount for registration tag is com	ord	Ho data travella	
	Totol Canacity	0	Benewal Oato:	11	
	Tank Screen:	0	f oderal iD:	Not reported	
	Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing	
	Certification Flag:	Falce	Certification Date	97	
	Old PBS Number,	Not reported	Expetiion Date:	07/18/02	
	Inspected Date:	Not reported	Inspector:	Not reported	
	Inspection Result:	Not reported			
	Facility Type:	OTHER			
	PBS Number.	2-603071	CBS Number:	Not reported	
	SPDES Number:	Not reported		12 - AL	
	SWIS IO:	BUILDING A LO FUELO	i elephone:	(718) 645-0500	
	Emergency Contact:	RELIABLE A & G FUELS, (718) 845-05	00		
	Owner:	VITO SANTORO 1110 LINDEN STREET VALLEY STREAM, NY 11580 (518) 825-1822			
	Owner Type:	Corporate/Commarcial	Owner Mark:	First Owner	
	Owner Subtype:	Not reported			
	Mailing Address:	PELIABLE A & G FUELS 95-40 102ND STREET 07ONE PARK NY 11416			

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Map TD Prection		MAP FINDINGS			
Islance (A. Bavation) Site			Databese(s)	EDR ID Numbe EPA ID Numbe
	RELIABLE A & G FUELS	(Continued)			0003200551
		(718) 845-0500			
		ATTN: RICHARD SANTORO			
	Facility Status:	2 . Unregulated by PBS (the total capacity	is less than 1,10	gallons) and	
	One and the families	Subpart 350-14.			
	Capacity (gais):	UNOFRCROUND			
	Tank (D:	04	Install Date:	00/00	
	Product Stored:	NOS 1.2, OR 4 FUEL OIL	Tank Type:	Steel/ca/bon steel	
	Tank Internal:	NONE	Pipe Internal:	NONE	
	Pipe Location:	Underground	Pipe Type:	STEEL/IRON	
	Tank External:	NONE/PAINTED/ASPHALT COATING			
	Tank Status:	Tank Converted To Non-Regulated Use			
	Tank Error Status:	No Missing Data			
	Pipe External Second Coditionent	NONEARONE			
	Calculation	NONEMONE			
	Overfiti Prot:	Product Level Gauge	Dispenser:	Suction	
	Date Tested:	Not reported	Next Test Date:	Not reported	
	Date Closed:	08/96	Tost Mothod.	Not reported	
	Deletect	False	Updated:	True	
	Doad Letter	False	Owner Screen:	No data missing	
	FAMT:	Fiscal amount for registration fee is correct			
	total Capacity:	0	Henewal Date:	11	
	Benow Flag	U Repare has not been minted	Feodal IC:	No data micrion	
	Canfication Farm	Fake	Certification Date	Holoate massing	
	Old PBS Number:	Not reported	Expiration Date:	07/18/02	
	Inspected Date:	Not reported	inspector:	Not reported	
	Inspection Result:	Not reported			
	Lationg:	Not reported			
	Packity type.	OTHER			
721 ISSE 1/8-1/4	106 PCT 103-55 101ST ST QUEENS, NY 17417			AST UST	U903074805 N/A
755 figher					
	Pes ust:				
	PBS Number	2-217557	CBS Number:	Not reported	
	SPDES Number	Not reported			
	SWIS ID:	6301	Teléphone:	(718) 845-2200	
	Emergency Contact:	NYCPD (212) 374,4023			
	Total Tanks:	0			
	Owner:	N Y C P D/ ASD			
		1 POLICE PLAZA ROOM 600			
		NEW YORK, NY 10038			
	A T	(212) 374-7650			
	Crister Type'	Eccar Government	Owner Mark;	HISE CHARGE	
	Mailing Address	COMMANDING OFFICER			
		BUILDING MAINTENANCE SECTION			
		59-05 BROOKLYN QUEENS EXP. WAY			
		OUEENS, NY 11377			
		(718) 476-7576			
		Not Deserve at			
		wux meponed			
	Facility Status:	2 - Unregulated by PBS (the total capacity Evaluated 047 and	y is less than 1,10	t gallonst and	

Map ID Direction		MAP FINDINGS				
Distance Distance (fl. Elevation) Site			Detobase(s)	EDR ID Numbe FPA ID Numbel	
	106 PCT (Continued)				U003074605	
	Conwrite (pairs):	100				
	Tank Locoligo:	UNDERGROUND				
	Tank ID:	001	Install Date:	10/95		
	Product Stored:	UNLEADED GASOLINE	Tank Type;	Steel/carbon steel		
	Tank Internet	Not reported	Pipe Internal:	Not reported		
	Pipe Location:	Not reported	Pipe Type:	GALVANIZED STEE	5L	
	Tank External	Not reported				
	Tenk Status:	Crosed in Place				
	Tank Error Status:	Minor Data Missing				
	Phoe External,	Not reported				
	Look Detecting	NONE				
	Quadia Prot	Product Level Gauge	Disconneg	Curtier		
	Date Tested:	Not caported	Next Test Date:	NTD		
	Date Closed	10/95	Test Method	Not reported		
	Deleted:	Faise	Lipdatart	Тов		
	Dead Letter:	False	Owner Screen:	No data missino		
	FAMT:	Fiscal amount for registration fee is corre-	a			
	Total Capucity:	0	Renewal Date:	08/11/97		
	Tank Screen:	0	Federal ID:	Not reported		
	Bonew Flag	Renwal has been printed	Facility Screen;	Minor data missing		
	Certification Flag:	Feise	Certification Date	101/13/94		
	Old PBS Number	Not reported	Expiration Date:	10/15/97		
	Inspected Date:	Not reported	Inspector:	Not reported		
	inspection result:	Not reported				
	Facility Type:	Not reported				
	PBS Number:	2-217557	CBS Number	Not reported		
	SPDES Number	Not reported				
	SWIS ID:	6301 NYCDD	Felepisone:	(718) 645-2200		
	Singerston, Contrast	NYCED (212) 224 atom				
	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 Mark:	First Owner		
	Owner Subtype:	The City of New York				
	Mailing Address:	COMMANDING OFFICER				
		BUILDING MAINTENANCE SECTION				
		59-06 BROOKLYN QUEENS EXP. WAY				
		GUEENS, NT 11377				
		Not Decodert				
	Facility Status:	2 - Unregulated by PBS (the total capacit Subrad 360-14	y is less than 1,10	1 gallons) and		
	Capacity (dais):	550				
	Tank Location:	UNDERGROUND				
	Tank ID:	003	Install Date:	00/76		
	Product Stored:	NOS 1.2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel		
	Tank Internal:	Not reported	Pipe Internat:	Not reported		
	Pipe Location:	Not reparted	Pipo Type:	STEELARON		
	Lank External:	Not reported				
	Tank Status:	t this Converted To Non-Regulated Use				
	Lenk Error Status;	Minor Data Missing				

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Map ID Direction Distance Distance (It Elevation) Site	MÁP FINDINGS		Data/seso(s)	EDR ID Number EPA ID Number	Map (D Direction Distance Distance (N Elevation	.) Site	MAP FINDINGS	<u></u>	Datebase(s)	EDR ID Number EPA ID Number
	105 PCT (Continued)				U003074605		108 PG3 (Continued)				U003074505
	Pipe External:	Not reported					Updated:	True	Delated:	Faise	
	Second Containment	NONE					Date Inspected;	Not reported	Inspector;	Not reported	
	Leak Delection:	NONE					Result of Inspection:	Not reported			
	Overfill Prot:	Product Level Gauge	Dispenser:	Suction			Mailing Name.	COMMANDING OFFICER			
	Date Tested:	Not reported	Next Test Date:	Not reported			Marking Address:	BUILDING MAINTENANCE SECTION			
	Date Closed;	0a/96	sest Method:	Not reported				OUPENS MY 11917	•1		
	Detelet:	r 8168 Fizika	Updated:	the data minutes			Mailing Contact!	Not reported			
	EAST-	Faise	Owner Scrieen:	140 ORGE UNKREIDG			Mailing Telephone:	(718) 476-2576			
	FAG1. Tutal Conneitor	 Piscar amount for registration for its connect 	Renewal Owles	00/11/07			Owner Marin	First Owner	Excitntion Onl	e: 10/15/07	
	Tenk Screen:	9	Fodorel ID:	Not reported			Certification Flag:	Faist	Certification D	ate:01/13/94	
	Renew Flag:	Renwal has been printed	Facility Screen:	Minor data missing			Renew Flag:	True	Ronew Date:	08/11/97	
	Certification Flag:	Faise	Certification Date	01/13/94			Lat/Long:	Not reported			
	Old PBS Number:	Not reported	Expiration Date:	10/15/97			Dead Letter:	False			
	Inspected Date;	Not reported	Inspector:	Not reported			Facility Screen:	Minor data missing			
	Inspection Result:	Not reported					Owner Screen:	No data missing			
	Lation@	Not reported					Earlik Screen:				
	Facility Type:	Not reported					Priscal Amount for the	disitation to a la Contect, stora			
	PBS AST:										
	PBS Number:	2-217557				22	99TH ST & 97TH AVE.			NY Spills	\$102142731
	SPDES Number;	Not reported	SWIS Code:	6301		NW	99TH ST. / 97TH AVE.			tel object	N/A
	Federal ID:	Not reported	Pravious PBS#:	Not reperted		1/8-1/4	QUEENS, NY				-
	Facility Status:	2 - Unregulated by PBS (the total capacity	y is less than 1,10	t gallions) and		955					
	English Tupe-	Not constant				Higher					
	Owner Type.	Local Government					SPILL 8				
	Owner Sub Type:	The City of New York					Spill Number: 1	9200209 F	egion of Spill;	2	
	Owner.	NYCPDIASD					Facility Contact:	Not reported F	acdity Tele:	Not reported	
		1 POLICE PLAZA ROOM 800					Investigator:	SIGONA S	WIS:	63	
		NEW YORK, NY 10038					Caller Name:	PAA GATTO C	allar Agency:	NYCPD	
	Owner Phone:	(212) 374-7650					Caller Phone: (212) 374-5580 C	aller Extension:	Not reported	
	Facility Phone:	(718) B45-2200					Notiber Name: 1	Not reported	oblier Agency:	Not reported	
	Operator:	NTCPD					Soller Contact	Not reported IN	coner Extension:	Not reported	
	Emergency Hame:	N Y L P U					Spaine 1	ADI ISDOLLON O	paut Paone:	INOT REPORTED	
	Total Tanks	(212) 3/4-49-33					Solder Articess	Vid seconded			
	Total Capacity:	Not reported					Spill Class: 1	known release with minimal potential for fire	or hazard. DEC F	esponse	
	Tank ID:	002					1	Willing Responsible Party. Corrective action	taken,		
	Tank Status:	Closed-Removed					Split Closed Dt: 4	04/06/1992			
	Capacity (Gal):	3000					Spill Cause: 4	Jokpown P	escurce Affected:	On Land	
	Tank Error Status:	Miner data missing					Water Affected.	Vot reported S	pRI Source:	Unknown	
	Tenk Location	ABOVEGROUND					Soll Date:	Vince Lopariment P	BS NUMBER	NOT reported	
	FROMET STORED:	NUD 1.2. UH 4 FUEL UIL					Cleanus Ceatert J	VV0001996_20.11 P	ethoused to Frebit.	04/06/1995 50:54	
	install Date:	07/59					Last inspection:	Not reported			
	Tank internal:	Not reported					Cleanup Meets Sta	Indard; True			
	Tank Exlemat	Not reported					Recommended Pe	naity: No Penalty			
	Tank Containment:	NONE					Spiller Cleanup Da	te: Not reported			
	Pipe Type:	STEELARON					Enforcement Oate:	Not reported			
	Pipe Location.	Nol reported					Investigation Comp	xele: Not reported			
	Fipe intomal: Disc External:	Not reported					USI involvement:	FBB9			
	- tpe contrata;	AVIALS					opix necoro Last L	Polea Falca			
	Overfill Protection:	Product Lavel Gallon					Corrective Action F	Non Submitted: Not reported			
	Dispenser Method:	Suction					Date Spill Entered	In Computer Data File: 04/08/1992			
	Date Tested:	Not reported	Next Test Date:	Not reported			Date Region Sent	Summary to Central Office: Not reported			
	Date Closed:	02/94	Test Method.	Not reported			Remark:	GARBAGE BAG OF MED. WASTE, 3 GA	LLON CONTAINE	R FILLED WITH BLOC	D. CALL
							I	BACK POLICE WHO HAVE NOTIFIED THE	SANITATION EN	FORCEMENT POLICI	e. Will R
							I	EFEN TO OFFICER LOPEZ FOR FOLLOW	-UP.		
				70.00	24127 tr. Page 36					100	124127 to Pann 20
				1004	and ago of					100	**************************************

Map ID Direction Distance Distance (N Elevation MAP FINDINGS Database(s) EDB ID Number 991H ST & 977H AVE. (Continued) S102142731 DEC Remarks: 10/10/95: This is additional information about material splited from th e translation of the old split life; LARGE GARBAGE BAG. REMEDY REMOVAL INC 103-21 104TH ST OZONE PARK, NY 11417 23 ESE 1/8-1/4 984 Highes RCRIS-SOG 1000201684 NYD982725210 ACRIS: Owner: THOMAS & LAURA LOCURTO (212) 555-1212 Conlact THOMAS LOCURTO (715) 835-4524 Record Date: 02/14/1969 Clessification: Hazardous Weste Transporte Used OF Recyc: No Viol alion Status: No violations lound QUEENS FARMS DAIRY 103-45 98TH ST OZONE PARK, NY 11417 RCRIS-SQG 1001029003 NYR0D0017351 E24 South 1/5-1/4 1000 Higher RCRIS: Owner: JULES KOTCHER (718) 738-7712 Contact: JULES KOTCHER (718) 738-7712 Record Date: 08/25/1995 Classification: Small Quantity Generator Used Oil Recyc: No Violation Status: No violations found 103-45 987H ST 103-45 987H ST SOUTH OZONE PARK, NY E25 South 1/6-1/4 1090 Higher NY Spilla \$102550577 N/A SPILLS, Spill Number: 9700678 Facility Contect: Not reported Investigator, TOMASELLO Caller Name: DAVID YUDELSON Caller Phome: (212) 421-2150 Notifier Name: ArAUXII/TICAL RESULTS Notifier Name: Nortworted Spiller Contact: DAVID YUDELSON Spiller: UNIKNOWN Region of Spill, Facility Tole: SWIS: Caller: 2 Not reported 61 SIVE PAGET RIESEL Not reported Not reported Not reported Not reported TC0424127.1r Page 37

Map ID Direction Distance Distance (R.) Elevation Site MAP FINDINGS Database(s) EDR ID Number EPA ID Number Statust ST (Continued)
 Sub259877
Spiller Address: Not reported
 Sign Class: Korry reflexes that creates potential for fire or hezard. DEC Response.
 Willing Responsible Party. Corrective action taken.
 Spill Class: Unixon
 Responses that creates potential for fire or hezard. DEC Response.
 Spill Class: Unixon
 Responses
 Spill Class: Unixon
 Responses
 Spill Class: Unixon
 Response
 Response
 Response
 Spill Class: Unixon
 Response
 Response 103-45 98TH ST (Continued) \$102560577 QUEENS FARMS DAIRY INC 19345 99TH ST OZONE PARK, NY 11417 E26 South 1/8-1/4 1000 Higher บรา U003644422 N/A PBS UST: rBS UST: PBS Number SPDES Num SWIS ID: Operator: Emergency C Totel Tanks: Owner: 2-114219 Not reported 6301 QUEENS FARMS MORRIS BOSEMAN, (718) 376-3852 0 CBS Number. Not reported Telephone: (718) 843-7077 GOTRIE BOSSMAR, (719) 376-3552
 AV
 Owner Type. Owner Subtype: Mailing Address Facility Status Copacity (gals), Tank Location: Tank (D) Product Stored, Tank Internal: Pipo Location; Tank External: 00/00 Steel/carbon steel Not reported Not reported TC0424127 1r Page 38

di sett		USP ENDINGS				Map ID		MAP FINDINGS		
Direction						Direction		4	J.	
Distance						Distance				
Distance (ft.)			Data and	EDR ID Number	Elevetion	.) Silve			Database(s)
Flovation	Sile		······	Latabase(s)	EPA () PRIMER					
	QUEENS FARMS DAIRY IN	C (Continued)			U003544422		QUEENS FARMS DAIRY IN	C (Continued)		
	Tank Error Status:	Minor Date Missing					Total Capacity:	D	Renewal Date:	12/11/96
	Pipe External:	Not reported					Tank Screen:	0	Federal ID:	Not reported
	Second Centernment:	NONE					Renew Flag:	Henwai has ind been printed	Pacility Screen:	Minor data missing
	Leak Detection?	NONE		6			Old PBS Number	tenored birt reported	Expiration Date:	03/24/97
	Crventil Prot:	Not reported	Dispenser.	Suction			Instructional Dislam	Not reported	Inspector	hist reported
	Liste (asted:	Not reported	Next rest trate:	Not reported			Inspecting Result	Not reported	in topic orton.	
	Cale Crosec:	Falst	Leadsted:	Falce			LaMona	Not reported		
	Operation.	Calte	Ownet Screen	Minor data mesina			Fecility Type:	Not reported		
	FAMT	Escal amount for registration fee is corre-	ent .	man dette maamig						
	Total Canacity	0	Renewal Dole:	12/11/96			PBS Number.	2-114219	CBS Number.	Not reported
	Tank Screen:	0	Federal ID:	Not reported			SPDES Number:	Not reported		
	Renew Flag:	Renwal has not oven printed	Facility Screen:	Minor data missing			SWIS ID:	6301	Tolephone [,]	(718) 843-7077
	Certification Flag:	Faise	Certification Date	:05/05/92			Operator:	QUEENS FARMS		
	Old PBS Number:	Not reported	Expiration Date:	03/24/97			Emergency Contact:	MORRIS BOSSMAN, (718) 375-3852		
	Inspected Date:	Nol reported	Inspector:	Not reported			Fotar Lenks:	U NUMERIC CONTRACTOR CODE		
	Inspection Result.	No! reported					Owner:	NINE TERMINE CREMENCORP		
	Lationg.	Not reported						CITCHE DADK NY 11417		
	Facility Type:	Not reported						17181849.7077		
	DBC Mumber	0 114910	ODD blumbas	Not support			Owner Type:	Not reported	Owner Mark	First Owner
	SPDES Mumber	2-114213	CBS NOTION.	INVITEDOURD			Owner Subtype:	Not reported		
	SWIS ID	6001	Talephone:	(718) 843,7077			Mailing Address:	NINETY EIGHT & LIBERTY CORP		
	Operator	QUEENS FARMS					-	103-45 98TH ST		
	Emergency Contact:	MORRIS BOSSMAN, (718) 376-3852						OZONE PARK, NY 11417		
	Total Fanks:	0						(718) 643-7077		
	Owner:	NINETY EIGHT & LIBERTY CORP						ATTN: HYMAN SLATER		
		103-45 98TH ST					Facility Status:	2 - Unnigulated by PBS (the total capacit	y is less than 1,10	gallons) brid
		OZONE PARK, NY 11417					Cana site (data k	Subpart 350-14		
	0	(718) 843-7077		C			Tank Longtion:	INDEBORATIND		
	Owner type:	Nut reported	Owner Mark:	ENDER CHANGE			Taok IO:	003	Instati Date:	00/00
	Mailing Address	MMETY FIGHT & LIBERTY CORP					Product Stored:	NOS 1.2. OR 4 FUEL OIL	Tank Type:	Steel/carbon steel
	the starting is approved.	103-45 98TH ST					Tank Internal:	Not reported	Prog Internal:	Not reported
		OZONE PARK, NY 11417					Pipe Location:	Not reported	Pipe Type:	Not reported
		(718) 843-7077					Tank External:	Not reported		
		ATTN: HYMAN SLATER					Tenk Stalus;	Closed-Removed		
	Facility Status:	2 - Unregulated by PBS (the total capaci	ty is less than 1,10	1 gallons) and			Tenk Error Status:	Minor Data Missing		
		Subpart 360-14					Hipe External:	FIOR reported		
	Capacity (gats):	550					Second Contabinent	RUNKE		
	Fank Eccasion:	UNDERGROUND	I	0000			Charle Brot	Not reported	Disconcer	Suction
	Product Crontell	NOS 1 2 OR A FUEL OIL	Trock Trace:	Singliandraw Hool			Date Tested	Not reported	Next Yest Date:	Not reported
	Tank internet	Not reported	Dine Istemat	Not emoted			Date Closed:	08/95	Test Mothori	Not reported
	Pine Location:	Notreported	Pine Tyrus	Not reported			Deleted:	False	Updisted:	False
	Tank External	Not reported					Dead Letter:	False	Owner Screen:	Minor data missing
	Tank Status:	Closed-Removed					FAMT:	Fiscal amount for registration fee is corre	d	-
	Tank Error Status:	Minor Data Missing					Total Copacity:	0	Renewal Date:	12/11/96
	Pipe Externet	Not reported					Tank Screen:	0	Federal ID:	Not reported
	Second Containment;	NONE					Henow Flag	Henwai has not been printed	FACIBITY SCIENT.	Minor data missing
	Leak Detection:	NONE					Cleaning and Flag:	raise	Certhication Date	05/05/92
	Overnik Prot:	Not reported	Ospenser:	Suction			Loss and A Date:	Mol reported	expiration Date:	V3/24/97
	Caller Fested;	PRON TODUCTED	PREXE FEST LIGIO:	not reported			inspected Care.	Not reported	марисние.	that reported
	Citie Crosed.	Faiso	i gyr wemos:	Folse			i Bilono	Not reported		
	Dead 1 otter	False	Ownet Screen:	Minor data restring			Facility Type:	Not reported		
	FAMT:	Fiscal amount for registration tee is corre	act .				.,			

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EDR ID Number Databose(s) EPA ID Number

U003544422

		Commence and the second			
dap ID Xrection Xistance		MAP FINDINGS	<u> </u>		
Distance (R. Elevation) Sile			Cetabase(s)	EDR IC Number EPA ID Number
	QUEENS FARMS DAIRY I	NC (Continued)			U003644422
	PBS Number	2-114219	CBS Number	Not reported	
	SPDES Number	Not reported			
	SWIS ID:	6301	Telephone:	(718) 843-7077	
	Operator:	QUEENS FARMS			
	Emergency Contact:	MOBRIS 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 Mark:	First Owner	
	Owner Subtype:	Not reported			
	Mailing Address:	NINETY EIGHT & LIBERTY CORP 103-45 96TH ST OZONE PARK, NY 11417 (718) 843-7077 ATTN: HYMAN SLATER			
	Facility Status:	2 - Unregulated by PBS (the lotel cepsc) Subcert 360-14.	ity is less than 1,10	gallons) and	
	Capacity (oals):	55Q			
	Tank Location:	UNDERGROUND			
	Tenk ID:	004	tostali Date:	00/00	
	Product Stored:	NOS 12 OR 4 FUEL OF	Tank Type:	Stepl/carbon stept	
	Tank internal	Not reported	Pine Internat	Not concreted	
	Pipe Location:	Not reported	Pipe Time	Not reported	
	Tank External	Not reported	Cibe (Ma	Level of the second	
	Tack Status	Cloted Removed			
	Table Error Status	Minor Date Mission			
	Pine External	Not toponieri			
	Second Containment	NONE			
	Leak Detection	NONE			
	Overfill Prof	Not reported	Dispenser	Suction	
	Date Tester:	Not reported	Next Test Onto:	Not reported	
	Date Closed	08/95	Test Method	Not reported	
	Deleted:	False	Undated	Faise	
	Dead Letter:	False	Owner Screen	Minor data mission	
	FAMT:	Fiscal amount for registration fee is com	ect		
	Total Cepacity:	0	Renewal Date:	12/11/96	
	Tonk Screen:	0	Federal ID:	Not reported	
	Renow Flag:	Renwal has not been printed	Facility Scroon:	Minor data missing	
	Certification Flag	False	Certification Date	05/05/92	
	Old PBS Number:	Not reported	Expiration Date:	03/24/97	
	Inspected Date:	Not reported	inspector.	benoger told	
	Inspection Result;	Not reported			
	Lethong:	Not reported			
	Facility Type:	Not reported			
	PBS Number	2-114219	CBS Number.	Not reported	
	SPOES Number:	Not reported			
	SWIS ID:	6301	Telephone:	(718) 843-7077	
	Operator:	QUEENS FARMS			
	Emergency Contact: Total Tanks:	MORRIS BOSSMAN, (718) 370-3852 0			
	Owner:	NINETY EIGHT & LIBERTY CORP 103-45 98731 ST			
		OZONE PARK, NY 11417			

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Map ID		MAP FINDINGS			
Distance Distance (fl. Elevation] Site			Databese(s)	EDR ID Numbe EPA ID Numbe
	QUEENS FARMS DAIRY I	NC (Continued)			U003644422
		(718) 843 7027			
	Owner Type:	Not reported	Owner Mark:	First Owner	
	Owner Sobtype: Maifing Address:	Not reported NINETY EIGHT & LIBERTY CORP 103-45 96TH ST OZONE PARK, NY 11417 (716) 843-7077			
	Facility Status:	2 - Unregulated by PBS (the total capac Submart 360-14	ity is less than 1,10	galions) and	
	Capacity (data):	550			
	Tank Location:	UNDERGROUND			
	Tank tD:	005	Install Date:	00/00	
	Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steel/carbon steel	
	Taok internat	Not reported	Pipe Internat:	Not reported	
	Pipe Location:	Not reported	Pips Type	Not reported	
	Tank External:	Not reported			
	Tank Status:	Closed-Bernoved			
	Tank Error Status:	Minor Data Missing			
	Pipe External:	Not reported			
	Second Containment:	NONE			
	Leak Detection:	NONE			
	Overfill Prot;	Not reported	Dispenser,	Suction	
	Date Tested:	Not reported	Next Test Date:	Not reported	
	Date Closed:	08/95	Test Method:	Not reported	
	Deloted	False	Updated.	False	
	Dand Letter:	Faise	Owner Screen:	Minor date missing	
	FAMT:	Fiscal amount for registration fee is corr	ect		
	Total Capacity:	0	Renewal Date:	12/11/96	
	Tank Screen:	0	Federal I();	Not reported	
	Renew Flag:	Renwal tias not been printed	Fachity Screen:	Minor data missing	
	Centification Flag:	False	Certification Date	:05/05/92	
	Old PBS Number.	Not reported	Expiration Date:	03/24/97	
	inspected Date:	Not reported	inspector.	Not reported	
	Inspection Result;	Not reported			
	Lationg: Facility Type:	Not reported Not reported			
	PBS Number:	2-114219	C8S Number:	Not reported	
	SPDES Number:	Not reported	-		
	SWIS ID	6301	Telephone	(718) 843-7077	
	Emergency Contact: Total Tenker	MORRIS BOSSMAN, (718) 376-3852			
	Owner:	NINETY EIGHT & LIBERTY CORP 103-45 987H SY OZONE PARK, NY 11417			
		1716) 843-7077			
	Owner Type: Owner Subtype: Mailing Address:	Not reported Not reported NINETY EIGHT & LIBERTY CORP	Owner Mark	First Owner	
		OZONE PARK, NY 11417 (718) 843-7077 ATTN: HYMAN SLATER			
	Facility Status:	2 - Unregulated by PBS (the total cape Subpert 360-14,	Hy is less than 1,10	1 gallons) and	

		and stress to a		
1.11	2022	FIDU JING S	1999 No. 1999 No. 1999	
			a farmer for the second	

Map ID Direction Distance Distance (fl.) Elevation Site

QUEENS FARMS DAIRY ING (Continued)

UEENS FARING DAIRY IJ Second Contempont Loak Billeolani Data Tealed: Data Tealed: Data Closed: Tank Screen: Tank Screen: FAMT: FAMT: Tank Screen: FAMT: FAMT:

PBS Number: SPDES Number: SWIS ID: Operator: Emorgency Conts Total Tanka: Owner:

Owner Type: Owner Subtype: Malling Address

Facility Status:

Cepacity (gels): Tank LocaBon: Tank ID. Product Stored-Tank Internat: Pipe Location: Tank Status: Tank Externat: Tank Status: Tank Extor Statu Pipe Externat: Second Contally Leak Detoclon: Overfill Proc: Overfill Proc: Overfill Proc: Data Closed: Detata Capacity: Tank Screen:

Dispenser: Next Test Date: Test Method: Updatert: Owner Screen;

ct Renewal Date: Federal ID: Facility Screen: Certification Date Expiration Date: Insplictor:

CBS Number. Not reported Telephone: (718) 643-7077

Suction Not reported Not reported False Minor date mis

12/11/96 Not reported Minor data mb e:05/05/92 03/24/97 Not reported

00/00 Sisei/Carbon steel Not reported Not reported

sing

URC (Continued) NONE NONE NONE NONE Pate Pate Fate F

2-114219 Notraponted 6301 QUEENS FARMS MORRIS BOSSMAN, (718) 376-3852 0

6301 Telephone: (716) 943-7077 QUEENS FAMMS MCORRES BOSSMARL (718) 376-3852 1015-05 (716) 943-7077 MCORRES BOSSMARL (718) 376-3852 1015-05 (716) 943-7077 (718) 943-7077

EDR ID Number Delabeso(s) EPA ID Number

U003644422

Map ID Direction		MAP FINDINGS	<u> 2005</u>		
Distance Distance (fl. Elevation) Site			Database(s)	EDR ID Number EPA ID Number
	QUEENS FARMS DAIRY I	VC (Continued)			1003644422
	Capacity (pets):	550			
	Tank Location	UNDERGROUND			
	Tank ID:	096	Install Date:	00/06	
	Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Stor#carbon steel	
	Teak Internet:	Not reported	Pipe Internal:	Not reported	
	Pipe Location:	Not reported	Pipe Type:	Not reported	
	Tank External:	Not reported			
	Tank Status:	Closed-Removed			
	Tank Error Status:	Minor Dela Missing			
	Pipe External:	Not reported			
	Second Contemport.	NONE			
	Leak Datecton:	NONE		A	
	Data Tastat	Not reported	Dispenser:	Suction	
	Date Classed:	Nor Reported	Noxi Tusi Duna:	Pict reponed	
	Date Cipseo:	Colora Falsa	1 est mainag:	Not reported	
	Dend / otioc	False	Openation Science	Finse data micrima	
	FAMT	Fiscal emotion for designation fee la nom	Dwnlor Octesti.	ware one sussain	
	Total Capacity	0	Ronewał Date:	12/11/98	
	Tank Screen	0	Forteral ID:	Not reported	
	Sensw Flan	Renwal has not been printed	Facility Screen:	Minor data missing	
	Confidention Flag:	False	Cartification Date	05/05/92	
	Old PBS Number:	Not reported	Excitation Date:	03/24/97	
	Inspected Date:	Not reported	Inspector:	Not reported	
	Inspection Result:	Not reported			
	Lettong:	Not reported			
	Facility Type:	Not reported			
	PBS Mumber:	2-114219	CBS Number;	Not reported	
	SPDES Number:	Not reported			
	ŚWIS ID;	6301	Telephone:	(718) \$43-7077	
	Operator:	QUEENS FARMS			
	Emergency Contact:	MORRIS SOSSMAN, (718) 376-3652			
	fotal Tanks,	0			
	Owner:	NINETY EROHT & UBERTY CORP			
		103-45 98 (H S)			
		UZUNE PARK, NT 11417			
	Original Transv	(718) 543-7077	Guunda Mante	5	
	Owner Pype.	Not reported	Owner Mark:	Filst Owner	
	Molifing Address:	NINETY FIGHT & LIDESTY CODD			
	walking Appress.	101.45 GRTM ST			
		OZONE PARK NY 11417			
		1718/843-7077			
		ATTN: HYMAN SLATER			
	Facility Status	2 - i foremilated by PBS (the total canne	ity is loss then 1 10	bog (strates f	
	,	Subpart 360-14.	.,		
	Capacity (gals):	650			
	Tank Location	UNDERGROUND			
	Tonk ID;	007	Install Date:	00/00	
	Product Stored:	NOS 1,2, OR 4 FUEL OIL	Tank Type:	Steal/carbon steal	
	Tank Internal:	Not reported	Pipe Internal;	Not reported	
	Pipe Location:	Not reported	Pipe Type:	Not reported	
	Tank External	Not reported			
	Tank Status	Closed-Hernoved			
	ank Error Status:	Minor Data Missing			
	Libs Exierual.	Not reported			

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)	MAP FINE	TNGS		
ce ce (ft.)				EDE ID Namb
ion Site	······································		Database(s)	EPA ID Numbe
QUEENS FARMS D	AIRY ING (Continued)			U003644422
Renew Flag:	Reowel has not been printed	Facility Screen:	Minor data missing	
Contification Fig.	g: False	Certification Date	05/05/92	
Old PBS Humbs	M Not reported	Pupitation Date:	03/24/97	
Inspected Date:	Not reported	Inspector:	Not reported	
Inspection Resu	1: Not reported			
Lal/long	Not reported			
Facility Type:	Not reported			
PBS Number	2-114219	CBS Number:	Not reported	
SPDES Number	to teported			
SWIS ID:	6301	Telephone:	{718} 843-7077	
Operator:	QUEENS FARMS			
Cheroency Con	18ct: MORIFIS BOSSMAN, (718) 37	6-3852		
total Tanks	0			
Owner,	NINETY EIGHT & LIBERTY C	ORP		
	103-45 9818 51			
	OZONE PARK, NY 11417			
A	(718) 843-7077			
Owner cype:	Not reported	Owner Mark:	First Owner	
Owner Subtype:	Not reported	000		
Malining Address	AND AN OPTION	() (P		
	OTONE PARK NY 11417			
	(716) 843,7077			
	ATTAL HVMAN CLATED			
Facility Status:	2 - Unrequisted by PBS (the tr	Hal capacity is less than 1,10	bris (artoliag 1	
A	Subpert 360-14.			
Capacity (gats):	4000			
Fank Location:	UNDERGROUND			
Dentut Devend		1051911 [J4989;	12/72	
Trock Interact	NOS 1,2, OR 4 FORL OIL	rank rypa:	Steevcarbon steel	
Dine Leastian:	Not reported	Pape Provinsi	NOT REPORTED	
Took Externation	Not reported	мра гура:	STERUMUN	
Took Statue	Closed Bernound			
Tenk Error Stati	IS: Elinor Dete Mission			
Pipe External:	Not reported			
Second Contain	ment VAIRT			
Leak Datection	NONE			
Overfill Prot:	Not reported	Dispenser:	Suction	
Date Tested	Not reported	Next Test Date:	Not reported	
Date Closed:	06/95	Test Helbod:	Not reported	
Datetod:	Faise	Updated:	False	
Dead Letter.	Faise	Owner Screen:	Minor data missing	
FAMT:	Fiscal amount for registration i	ee is correct		
Total Capacity:	0	Renewal Date:	12/11/96	
Tank Screen:	0	Federal ID:	Not reported	
Renew Fisg	Renwal has not been printed	Facility Screen.	Minor data missing	
Certilication Fla	7 Faise	Certification Date	05/05/92	
Old P&S Numbe	M Not reported	Expiration Date:	03/24/97	
inspected tate:	Not reported	Inspector:	Not reported	
inspection Resu	4: Not reported			
Langed B.	Not reported			
a security shale;	1404 MADOLEBO			
PBS Numher:	2-114219	CBS Mumber	Not reported	

		F			
Map ID Direction		MAP FINDINGS			
Distance (R.) Elevation	Sile			Databaselet	EDR ID Number
				Datobasotaj	ELV IN MUNDEL
	QUEENS FAAMS DAIRY II	NC (Continued)			0003644422
	SWIS ID:	6301	Telephone:	(718) 843-7077	
	Operator:	QUEENS FARMS			
	Emergency Contact:	MORRIS BUSSMAN, (718) 376-3852			
	fotal lenks:	0			
	Ciwner;	NINE I Y EIGHT & LIBERT T CORP			
		103-45 9611 51			
		OZONE PARK, NY 11417			
	Owner Trans	(718) 843-7077			
	Owner Type:	Not reported	Owner Mark:	First Owner	
	Owner Statiyue.				
	maining Address:	NINET FIGHT & LIBERTY COMP			
		103-45 MIH SI			
		020NE PARK, NY 11417			
		(/18) 843-7077			
	English Distance	ATTN: HTMAN SLATER			
	Facility Status.	2 - Unregulated by MUS (the lotal capacit	ly is 1655 than 1, 10) gallons) and	
	Conseilu (mala):	30000 000 TV.			
	Tank Logofice	NACE BOOM NO			
	Tack ID:	01000100100	ter Date		
	Product Stored:	LEADED GASOLINE	Tank Tutte:	12/72 Etectionshop etect	
	Tank Internal	Not reported	Dee Minmat	Steer carport steel	
	Pite Location	Not reported	Pipe Type:	STEELAROM	
	Tank External:	Not raported	1.001,000	01CCD III OK	
	Tank Status:	Closed-Removed			
	Tank Error Stetus:	Minor Della Missing			
	PipeExternel	Not reported			
	Second Containment	VALLT			
	Leak Delection:	NONE			
	Overfill Prot:	Not reported	Dispenser	Suction	
	Date Tested:	Not reported	Next Test Date:	Not reported	
	Date Closed:	08/95	Tes Method:	Not reported	
	Defeted:	Palse	Updaled:	False	
	Dead Latter:	False	Owner Screen:	Minor data missing	
	FAMT:	Fiscal amount for registration fee is corre	ct		
	Total Capacity:	0	Renowal Date;	12/11/96	
	Tank Screen:	0	Federat IC:	Not reported	
	Contribution Floor	Febwar Has not preh printed	Facility Screen;	Minor data missing	
	Old PPP Number	r Nise	Certrication Data	:05/05/92	
	inspected Date	Not reported	Experanion Date;	03924/97	
	Inspection Result:	Not reported	anspector,	NOT REPORTED	
	Lat/long:	Not repaired			
	Facility Type:	Not reported			
	PBS Number:	2-114219	CBS Number:	Not reported	
	SPOES Number.	Not reported			
	SWIS ID:	6301	Telophone:	(718) 843-7077	
	Operator.	QUEENS FARMS			
	Emergency Contect:	MORRIS 80\$\$MAN, (718) 376-3852			
	Total Tanks:	0			
	UMMER:	NINETY EIGHT & LIBERTY CORP			
		103-45 961H ST			
		OZONE PARK, NY 11417			
	Ourses Transi	(718) 043-7077			
	Comer Lype:	KUK INDUKED	Owner Mark	First Owner	
	CAMINER ORDIADS:	MOL TOPORTRO			

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Map ID		MAP FINDINGS				,	fep ID		MAP FINDINGS	in the second	
Direction		4					Direction		· · · · · · · · · · · · · · · · · · ·	·	
Distance (it.	3				FOR ID Number		Distance (h.	,			
Elevation	Sile			Databasa(s)	EPA ID Number	1	Elevation	Site	······		Databar
		the stress of									
	WUEENS FAMMS DAIRT I	NC (Continued)			0003644422			WEEKS FARMS DAIRT	NC (Consider)	_	
	Meiling Address:	NINETY EIGHT & LIBERTY CORP						Product Stored:	UNLEADED GASOLINE	Tank Type:	SteeVcarbon
		103-45 951M ST						Pine Lengtion:	Not reported	Pipe Internal:	Not reported
		(718) 843-7077						Tank External	Not magnitude	Etha 13440	Inter reported
		ATTN: HYMAN SLATER						Tank Status:	Closed-Removed		
	Facility Status:	2 - Unregulated by PBS (the total capacity	y is less than 1,101	gallons) and				Tank Error Status:	Minor Date Missing		
		Subpart 360-14.						Pipe External:	Not reported		
	Capacity (gals):	4000						Second Conteinment:	NONE		
	Tank Location:	UNDERGROUND						Leak Detection:	NONE		
	Tank (D)	011	Install Dote:	12/74				Ovenal Prot	Not reported	Disponser:	Suction
	Product Stored	NOS 1,2, OR 4 FUEL OIL	Талк Туре:	Steel/Carbon steel				Uals Lested:	Nol reported	Next Test Date:	Not reported
	tank internat	Not reported	Pipe internal:	Not reported				Date Closed:	06/95	est Method:	Not reported
	Pipe cocation:	Not reparted	Habe sube:	21FEDIHOM				Cond Lollor	T AISH Talan	Opdaleo.	Faise Minor data mi
	Tank External:	Closed Remain						FANT	Fiscal emount for registration les la corre-	Crwcler Schenn,	WINDER CONTRACTOR
	Tank Error Stalus:	Kipor Dela Missipo						Total Cenacity:	0	Secrewal Date:	12/31/86
	Pine External:	Not reported						Tank Screen:	0	Federal ID:	Not reported
	Second Contamment	VAULT						Repow Flag:	Renwal has not been printed	Fecility Screen:	Mittor data mi
	Lesk Datection:	NONE						Certification Flag:	False	Certification Oat	05/05/92
	Overfill Prot.	Not reperted	Drapenser.	Suction				Old PBS Number:	Not reported	Expiration Date:	03/24/97
	Date Tasted:	Not reported	Next Test Date:	Not reported				Inspected Date:	Not reported	Inspector:	Not reported
	Date Closed	08/95	Test Method:	Not reported				Inspection Result:	Not reported		
	Deleted:	Faise	Updated:	False				Lationg;	Not reported		
	Dead Letter;	False	Owner Screen:	Minor data messing				Facility Type:	Not reported		
	FAMT:	Fiscal amount for registration fee is corre-	cl								
	1 Otal Capacity	0	flenewal Date:	12/11/96				Pes Number	2-114219	CBS Number:	Not reported
	Bander Etcar	Concerning and here arises a	⊁egerante:	Not reported				SPDES Nomber.	ADDA	T-1	(0.44) 845 70
	Contilionting fing:	Fightwal has not open printed	+acility acreen:	Minor data missing				Contrology	D307	relephone:	(718) 843-70.
	Old PBS Number	Not separted	Expiration Date:	09/94/97				Emergency Contact:	MORDIS ROSSMAN (718) 376,3852		
	Incoected Date:	Net repared	Inconcion Date.	Not reported				Total Tanks:	a a a a a a a a a a a a a a a a a a a		
	Inspection Result	Not reported	(append)					Owner	NINETY EIGHT & LIBERTY CORP.		
	Lationa:	Not resorted							103-45 98TH ST		
	Facility Type:	Not reported							DZONE PARK, NY 11417		
		•							[718] 843-7077		
	PBS Number:	2-114219	CBS Number,	Not reported				Owner Type:	Not reported	Owner Mark;	First Owner
	SPDES Number:	Not separted						Owner Subtype:	Not reported		
	SWIS ID.	6301	Telephone:	(718) 843-7077				Mailing Address	NINETY EIGHT & LIBERTY CORP		
	Operator.	QUEENS FARMS							103-45 96TH ST		
	Emergency Contact.	MORRIS BOSSMAN, (718) 376-3852							OZONE PARK, NY 11417		
	fotal Fanks;	U SING SIGUE A LINCOM CODO							(718) 843-7077		
	Owner:	NINETY EIGHT & LIBERTY COPP						E- all a case of	ALTN: HYMAN SLATER		
		OZONE DADY NV 11443						Facility Dianos.	2 • Orwegowarda by PBS (inte ioner capacit	LIC IBSS UNKER 1, 10	/s galeons) areo
		(718) 623-7077						Canaciby (gala)s	500pan 360-14,		
	Owner Type:	Not reported	Owner Mork	Eirer Owner				Tank Location	INDERGROUND		
	Owner Subtyne:	Nrt readed	Contract Contract	1 H BA O H H H				Tank ID:	013	Instal Date:	0000
	Mailing Address:	NINETY EIGHT & LIBERTY CORP.						Product Stored:	UNLEADED GASOLINE	Tank Type:	Steel/carbon
		103-45 96TH ST						Tank Internal:	Not reported	Pipe Miemat:	Not reported
		OZONE PARK, NY 11417						Pipe Location:	Not reported	Pipe Type:	Not reported
		(718) B43-7077						Tank External:	Not reported		
		ATTN: HYMAN SLATER						Tonk Status:	Closed-Removed		
	Facility Status	2 - Unregulated by PBS (the lotal capacit	ly is less than 1,10	l gallons) and				Tank Error Status:	Minor Data Missing		
		Subpart 360-14						Pipe External:	Not reported		
	Capacity (gats):	550						Second Containment:	NONE		
	Teck (D)	UNDERGROUND		-				Leak Detection:	NUME	.	
	s aris rp.	U12	HINDI COME	ourd0				O ARLINE MADE	HOL YEDOTED	LINSDRINSER:	Suction

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EDR ID Number Delabase(s) EPA ID Number

Tank Type: SteeVcasbon steel Pipe Internal: Not reported Pipe Typo: Not reported

Suction Not reported Not reported False Minor data missing

CBS Number: Not reported Telephone: (?18) 843-7077

00100 SteeVcarbon steet Not reported Not reported

U003644472

			and the second second		
Aap (D		MAP FINDINGS			
islanco					
istarice (#. levation) Site			Database(s)	EDR ID Numb
	QUEENS FARMS DARY	NC (Continued)			11003646423
	Data Testad	hist emported			Decentral
	Date Clared	AD/OF	Mean Trist Date:	Nat reported	
	Delated:	Entre	1 Bar weduits	Not reponed	
	Dend Latter	False	Opometic.	rmse	
	FAMT	Sean attempt for revenue the last in the	Owner oureon:	Minor vala masing	
	Total Canasibr	Place an out of registration set is corre	Construct Outry	104100	
	Tank Screen:	0	Forderal ID:	12/1 W96	
	Roman Elan	Proved box and been actual	regerateu.	NOT reparted	
	Certification Floor	Feires	Facility Screen:	SMINOF CEED THISSING	
	OH DRS Mumber	Farst Annoted	Commission Lane	00/05/92	
	Inspected Date:	Not advanded	Experiences coate:	N3.54141	
	Intraction Rotal:	Not see stort	inspuctor.	NOL PODDED	
	alfonr:	Not reported			
	Facility Type:	Not reported			
	DBS Mumber	2 114P10	cot humber		
	SPDES Member	Not reported	CBO Handler,	NULWBOILDO	
	SWIS ID:	6301	Talanhana	(710) 947 7077	
	Operator	OUFENS FABMS	Figlepinonip.	(110) 040-1011	
	Ethergeney Contact:	MODDIS POSSMAN, (199) 376 9865			
	Total Tanks	0			
	Owner	NINFTY FIGHT & LIFERTY CORP.			
		103-45 98TH ST			
		OZONE PARK NY 11417			
		(218) 843-7077			
	Owner Type:	Not reported	Owner Mark	First Owner	
	Owner Subtyce:	Not reported	ON THE THEM.	1.11.24 19 10 1944	
	Maling Address:	NINETY EIGHT & LIBERTY CORP.			
	2	103-45 98TH ST			
		OZONE PARK, NY 11417			
		(718) 643-7077			
		ATTN: HYMAN SLATER			
	Facility Status:	2 - Unregulated by PBS (the total capacit	y is less than 1,10	gations) and	
	Canacity (opis)	4000			
	Tank Location	UNDERGROUND			
	Tank ID	014	Incial Date:	19/75	
	Product Stored.	NOS 1 2 OB 4 FIRE OF	Taoli Type:	Stadioathon start	
	Tank Internal:	Not reported	Riot Mamal	Allege reported	
	Pipe Location:	Mil renoted	Pine Type:	STEFINEDN	
	Tank External:	Not reported		DI CRONING	
	Tank Status:	Closed-Bernoved			
	Tonk Error Status:	Minor Dala Missing			
	Pipe External	Not reported			
	Second Containment:	VAULT			
	Leak Detection:	NONE			
	Overfit Prot:	Not reported	Dispensor:	Suction	
	Date Tested.	Not reported	Next Test Dater	Not reported	
	Date Closed;	08/95	Test Method:	Not reported	
	Deleted:	False	updated.	False	
	Dead Lotter:	False	Owner Screen	Minor data missino	
	FAWT:	Fiscal amount for registration fee is corre	a		
	Total Capacity:	0	Benewal Date:	12/11/96	
	Tank Screen:	0	Foderal ID:	Not reported	
	Renew Flag:	Renwal has not been printed	Facility Screen:	Mmor rists missing	
	Certification Flag:	False	Certification Date	05/05/92	
	Old PBS Number:	Not reported	Expiration Date:	03/24/97	

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Map ID		MAP FINDINGS	22		
Direction		4	المسيد المشتشة		
Distance Distance (fil	1				COD ID AN-
Elevation	Sile			Delabase(s)	EPA ID Num
	QUEENS FARMS DAIRY I	NC (Continued)			12003648433
	In an extent Orang	his seaded			0003044422
	Inspected Cate	Not reported	inspector.	Not reported	
	Lallong	Not reported			
	Facility Тура:	Not reported			
E27 South 1/8-1/4 1909 Histor	QUEENS FARMS DAIRY I 10345 98TH ST OZONE PARK, NY 11417	NC		ust	U003644405 N/A
	PBS UST:				
	PBS Number.	2-032573	CBS Number	Not reported	
	SPDES Number:	Not reported			
	SWIS ID:	5301	Telephane:	(718) 738-7712	
	Operator:	QUEENS FARMS			
	Emergency Contact:	QUEENS FARMS, (718) 738-7712			
	Total Tanks				
	CMUM:	DUBENS FAHMS DAIRY INC			
		ATOME OVDER MY 11417			
		(718) 238-2719			
	Owner Turns:	Not reported	Owner Mark:	Fleet Churpan	
	Owner Subtyce:	Not reported	Conflor mane	1 836 0 11 101	
	Mailing Address:	QUEENS FARMS DAIRY INC			
	-	103-45 98TH ST			
		OZONE PARK, NY 11417			
		(718) 738-7712			
		Not Reported			
	Facility Status:	Unregulated by PBS (the total capa	icity is less then 1,10	1 gallons) and	
	6	Subpart 360-14			
	Capacity (pain):	550			
	Tank Locality	0NDEXORDOND	testal Date:		
	Product Storert	LCADED GASOLINE	Test Time:	Coroci	
	Tank Internet	Not reported	Fine Internal	Not recorded	
	Pipe Location.	Not reported	Pine Type	STEFLABON	
	Tank External:	Not reported		0.000	
	Tonk Status:	Closed-Removed			
	Tark Error Status.	Minor Dela Missing			
	Pipe External;	Not reported			
	Second Conteinment:	NONE			
	Leak Detection	OTHER		-	
	Overtal Prot:	Not reported	Disponser	Suction	
	Date Cloued	neres	Treat Methods	Not reported	
	Delstert	Foire	Locatert	Тако	
	Deart Letter	Faise	Ownet Screen	Minor data mission	
	FAMT;	Fiscal amount for registration fee is co	rect	minut sind chapting	
	Total Capacity:	0	Renewal Date;	08/12/97	
	Tank Screen:	0	Federal ID:	Not reported	
	Annew Flag:	Renwal has not been printed	Factility Screen:	No data missing	
	Certification Flag:	False	Centification Date	:08/19/92	
	Old PBS Number.	Not reported	Expiration Onle:	10/29/97	
	JOSOBOTE Date:	Not reported	Insoector:	Not reported	
	hopened para				
	Inspection Result:	Not reported			

Mep ID Direction Distance Distance (ft.) Elevation Site

N.C.S.

Research States

QUEENS FARMS DAIRY I	iC (Continued)			U003644405
PBS Number:	2-032573	CBS Number:	Not reported	
SPDES Number:	Notreported	*	In cash have been	
SWIS ID:	6301	Teleonone	(718) 738-7712	
Operator,	UDECNS FAMMS			
Envergency Contect:	100EENS FARMS, 1718) 738-7712			
Editor Farinas	OUFENS FARMS DAIDY MC			
Owner.	102 AS DETU ST			
	OZONE PARK NY 11417			
	17181 739.7712			
Owner Type:	Not reported	Owner Mark:	First Owner	
Owner Subtype:	Not reported			
Mading 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 capacit	ty is less than 1,10	t galions) and	
	Suppart 380-14.			
Capacity (gais).				
Tank ID:	002	install Date:	00/20	
Product Shared	LEADED GASOLINE	Tank Tune	Stind/rathon steel	
Tank internal:	Not separted	Pipe internal	Not reportari	
Pine I postion:	Not reported	Pine Type:	STEEL/BON	
Tank Externat	Not reported	44 11		
Tank Status:	Closed Removed			
Tank Error Status:	Minor Data Missing			
Pipe External:	Not reported			
Second Containment:	NONE			
Leak Detection:	OTHER			
Overfill Prot:	Not reported	()is penser:	Suction	
Date Tustod:	Not reported	Next Tost Date:	Not reported	
Date Closed:	08/95	Test helbod;	Not reported	
Dateteo	1.9120	Updated:	Teut	
Capp Letter.	Figsel on such for registration log in com-	CINNEL SCIEBU:	Wedot asta mistivið	
Zatel Canacity:	Practic anabum tool registration ree to com	Renthing Dates	De N 2007	
Tank Scroop	0	Federal IC:	Not tecoded	
Bonew Flatt	Benwal has not been printed	Facility Screen	No data ovission	
Certilication Flag:	Falso	Certification Dat	08/19/92	
Old PBS Number;	Not reported	Expiration Date:	10/29/97	
Inspected Date:	Not reported	inspector.	Not reported	
Inspection Result.	Not reported			
Let/tong:	Not reported			
Facility Type:	OTHER			
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 981M 51			
	A REAL MERCENER AND AND A REAL FOR			

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Database(s) EDR 10 Number

MAP FINDINGS

Map ID Direction Distance Distance (R.) Elevation

Database(s) EDR ID Number

	(718) 736-7712			
Owner Type:	Not reported	Owner Mark:	First Owner	
Owner Subtype:	Not reported			
Mailing Address:	QUEENS FARMS DAIRY INC			
	103-45 98TH ST			
	OZONE PARK, NY 11417			
	{718} 738-7712			
	Not Haported			
Facility Status	2 - Unregulated by PBS (the total capa Subpart 360-14,	ichy is 1935 then 1,10"	F gallons) and	
Capacity (gals):	550			
Fank Location:	UNDERGROUND			
Taba 4D:	003	Install Date:	CONCO	
roduct Stored	LEADED GASOLINE	ank type:	Steevcalpon steel	
Tenk Internet	Not reported	Pipe Internet:	Not reported	
Pipe Location:	Not reported	Pipe Type:	STEELARON	
FBUIK FOXIGHTAN	NOT REPORTED			
ank Status:	Closed-Removed			
Laux Futol Ziema:	Minor Lieta Missing			
hipe External:	Not reported			
Second Containment	NUNC			
Leak Detection	DIMER	N	De la construcción de la	
Overnit Proc	NOT PROVIDE	Unspenser:	Suction	
Cate Cestor:	Not reported	Next rest Date:	NOT TODOTORO	
Uate Cansen; Defeteet	108/95	LOST ASSENCE	Not reported	
Denotora:	False	Opoareo:	Figure de la missione	
E A MATO E A MATO	Purpe	Owner Screen.	weath OSL9 (Hisacift	
TAME:	Page amount for regretation les is co	nect	Anianaa	
Toral Capacity Toral Care and	0	Federat D.	Not reported	
Renew Elser	Convel has not have printed	Focility Screen	Not reported	
Carlification Floor	Entert	Cadification Date	00/10/02	
Okt PBS Number	Not reported	Extinuion Date:	10/20/07	
Inspected Cale	Not reported	Inspector	Not reported	
inspecting Besult	Not reported	hoge close	ries opposed	
LaMoon	Not reported			
Facility Type:	OTHER			
P8S Number:	2-032573	CBS Number:	Not reported	
SPOES Number	Not reported			
SWIS ID:	6301	Talephone:	(718) 738-7712	
Operator:	QUEENS FARMS			
Emergency Comact;	QUEENS FAMMS, (718) 730-7712			
Totel Lanks:				
Changel;	QUEENS FARMS DAINY ING			
	103-45 981H ST			
	OZONE PAHK, NY 11417			
	(716) 736-7712			
uwner Type:	Not reported	Owner Mark:	Hisl Owner	
Uwner Sublype:	Not reported			
MANING RUNNESS:	UDECHS FAMME DAIRY INC			
	103-45 98 FH S1			
	UZUNE PARK, NY 11417			
	(710) 735-7712			
Carlina Olara	INOT PRESCRETE			
 acimy status; 	2 - Unregulated by PBS (the total cap)	DOILY 15 1955 (136 1,10	I galions) and	

TC0424127.1r Page 52

			اد		
Map ID Direction		MAP FINDINGS			
Distance Distance (fl.	ı				FD8 (D Numb
Elevation	Site		·	Database(e)	EPA IO Numbe
	QUEENS FARMS DAIRY	NC (Continued)			U003644405
	Capacity (gais):	850			
	Tenk Location:	UNDERGAOUND			
	Tank ID:	004	Install Date:	00/00	
	Product Stored:	LEADED GASOLINE	Таск Тура:	Sieel/caroon steel	
	Tank internal:	Not reported	Pipe internal:	NDT reported	
	Test Externel	Not reported	PID0 Vype:	STEEDINGN	
	Tools Sight	Clored Reflored			
	Tonk From Status:	Minor Data Missing			
	Pipe External:	Not reported			
	Second Containment	NONE			
	Leak Detection:	OTHER			
	Overfill Prot:	Not reported	Dispensor:	Suction	
	Date Tested:	Not reported	NoxI Test Date:	Not reported	
	Date Closed:	08/95	Test Method:	Not reported	
	Deteled:	Falso	Updated:	True	
	Dead Letter:	False	Owner Screen;	Minor data missing	
	FAMT:	Fiscal amount for registration lee is co	rrect		
	Total Capacity:	0	Renewal Date:	08/12/97	
	I ank Screen:	U Describer and base with a	Federal IO:	Not reported	
	Renew rag.	Henwai has not ocim printed	Hackity ocreen:	No dala missing	
	Old PBS Munhar	hist toported	Contraction Date:	10/20/07	
	Inspected Date:	Not reported	Sherberton	Not reported	
	Inspection Result	Not encoded	ange court.	inor i caporido	
	Lationo:	Not reported			
	Facility Type:	OTHER			
	PBS Number:	2-032573	CBS Number:	Not reported	
	SPUES Number:	Not reported	****	(110) 500 mm	
	Swistor	DUVI CULCENC EADLIS	reaphone;	(//0)/30///12	
	Employing Contact	CITEENS FARMS (718) 728-7712			
	Total Tanks:	d			
	Owner:	QUEENS FARMS DAIRY ING			
		103-45 981H ST			
		OZONE PARK, NY 11417			
		(718) 738-7712			
	Owner Type	Not reported	Owner Mark:	First Owner	
	Owner Subtype:	Not reported			
	Mailing Address:	OUEENS FARMS DAIRY INC 103-45 98TH ST			
		OZONE PARK, NY 11417			
		(718) 738-7712			
		Not Reported			
	Facility Status:	2 - Unregulated by PBS (the total cap: Subpart 360-14.	acity is less than 1,10	t gallons) and	
	Capecity (gals):	550			
	Tank Location,	UNDERGROUND			
	Tank ID:	005	Install Date.	00/00	
	Product Stored	LEADED GASOLINE	Tank Type,	Steel/carbon steel	
	Fank Internal.	Not reported	Pipe Internal:	NOI reported	
	Mipe Location	Not reported	Pips type;	SIGEL/RON	
	Tank Statute	NUT REPORTED			
	York Error Steiner	Many Data Miccion			
	Pint Externel	Not reported			
	a dear an anna an a	and the second sec			

M 10					
Wap (c) Direction		L. MAP FINDINGS			
Distance (il. Elevation) Site			Database(s)	EDR ID Numb EPA ID Numb
	QUEENS FARMS DAIRY	NC (Continued)			0003544495
	Second Containment:	NONE			
	Look Detection	OTHER			
	Overtial Prot:	Not reported	Dispenser	Suction	
	Date Tasted:	Not reported	Next Test Date:	Not reported	
	Date Closed:	08/95	Test Method:	Not reported	
	Deleted:	False	Updated:	True	
	Dead Letter:	Falsa	Owner Screen:	Minor data missing	
	FAMT:	Fiscal amount for registration tee is co	moct		
	Total Capacity:	0	Renewal Date:	08/12/97	
	Tank Screen:	0	Federal ID:	Not reported	
	Renew Flag:	Renwal has not been printed	Facility Screen:	No data missing	
	Centrication Hag:	Faise	Certilication Date	:08/19/92	
	Old PBS Nomber:	Not reported	Expiration Date:	10/29/97	
	Inspection Baselts	Not reported	Inspector	WOI 18/00100	
	Letters:	Not reported			
	Encline Tube	OTKER			
	rucety reput	0.1121			
	PBS Number:	2-032573	CBS Number	Not reported	
	SPDES Number	Not reported			
	SWIS ID:	6301	Telephone:	(718) 738-7712	
	Operator:	QUEENS FARMS			
	Emergency Contact Total Tanks	QUEENS FARMS, (718) 738-7712 0			
	Owner:	OUEENS FARMS DAIRY INC			
		103-45 98TH ST			
		OZONE PARK, NY 11417			
		(718) 738-7712			
	Owner Type:	Not reported	Owner Mark:	First Owner	
	Owner Subtype:	Not reported			
	Mailing Address.	QUEENS FARMS DAIRY INC			
		103-45 9BTH ST			
		OZONE PARK, NY 11417			
		(118)/38-//12			
	Coeiliby Status:	2 . Externized to DBS fibrited con	ncitor in Ince Noon 1 10	1 mollows) and	
	Vacially Status,	2 Conveguiared by Cost and high capa Subroad 36/5 14	aun ynsness unaar i, ru	г данопа) влю	
	Canacity (dels):	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			
	Tonk Status:	Closed-Removed			
	Tank Error Status:	Minor Data Missing			
	Pipe External:	Not reported			
	Second Containment:	NONE			
	Loak Detection:	OTHER			
	Overfill Prof.	FRO Jeported	Dispensor.	Suction	
	Unte Tested	reas reported	Next Test Date:	Not reported	
	Date Closed:	Color	1 BST Method.	Not reported	
	Deed Letter	False	Openied:	Address chalter and a single and	
	Ceau Letter.	Fitnel amount in a projection law Mice	CUMURING SCIERCE:	withou notes unepholo	
	Total Canacity	 Preventerrownie (c), registration (ee is or 	Ronaval Fister	08/10/07	
	Tank Seven	ő	Eccleral ID:	Not coorded	
	Term autoent	~	 (1)(0)(0)(10). 	Land Laboration	

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Map (D		MAP FINDINGS				Map ID
Direction		·	المربوب فسيتست			Distance
Distance (# Elevation	.) Sile			Database(s)	EDR ID Number EPA ID Number	Distance (F
	QUEENS FARMS DAIRY I	NC (Continued)			U003E44405	
	Recew Flag:	Renwal has not been printed	Facility Screen:	No data missing		
	Certification Flag	Faise	Certification Date	.05/19/92		
	Old PBS Number:	Not reported	Expiration Date:	10/29/97		
	Inspected Date:	Not reported	Inspector:	Not reported		
	Inspection Result:	Not reported				
	Eaviong: Facility Type:	OTHER				
	PBS Number:	2-032573	CBS Number;	Not reported		
	SPDES Number;	Not reported				
	SWIS ID:	6301	Telephone:	(716) 738-7712		
	Operator:	OUEENS FARMS				
	Emergency Contect:	QUEENS FARMS, (718) 738-7712				
	Total Fanks:	0				
	Owner:	102-45 OPTH ST				
		OZCASE DADE NY 11417				
		(716) 738-2712				
	Owner Type:	Not reported	Owner Mark;	First Owner		
	Owner Subtype:	Not reported				
	Mailing Address:	OUFENS FARMS DAIRY INC				
		103-45 98TH ST				
		UZONE PARK, NY 11417				
		(716) 738-7712				
	Excitity Status:	2 - Doversident by PBS (the total const	ilu is isos Pata 1 10	t college (and		
	- down - migor	Subpert 360-14.	ay a 1000 and 17,10	in general and		
	Copacity (gals);	550				
	Tank Location:	UNDERGROUND				
	Tank ID:	0.67	Instell Date:	00/00		
	Product Stored:	LEADED GASOLINE	Tank Type:	Steel/carbon steel		
	Tank Infernal;	Not reported	Pipe Internal:	Not reported		
	Pipe Location.	Two reported	Pipe type:	STEEDINGON		
	Taok Status	Closed Removed				
	Took Fron Status:	Minor Data Mission				
	Pipe External:	Not reported				
	Second Containment:	NONE				
	Leak Detection:	OTHER				
	Overfill Prot:	Not reported	Disponsor:	Suction		
	Date Tested:	Not reported	Next Test Date:	Not reported		
	Date Closed:	06/95	Test Method:	Not reported		
	Deaney.	raise Exten	Operated;	jrue Mitter data mineira		
	FANAT	Fignal propubling conjectuation leg is con-	Charles Sciences	waiter data solesing	1	
	Total Capacity:	0	Renował Data:	68/12/97		
	Tank Screen:	0	Federal ID:	Not reported		
	Ronew Flag:	Renwal has not been printed	Facility Screen:	No data missing		
	Certification Flag:	False	Centilication Dat	e:68/19/92		
	Old PBS Number:	Not reported	Expitation Date	10/29/97		
	Inspected Date:	Not reported	Inspector;	No! reported		
	inspection recoll:	Not reported				
	Facility Type	OTHER				
	PBS Number	2,032573	CDS Mumber	hist recorded		
	SPDES Number	Not reported	Cea Hunder,	net reputed		
	······································					

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	MAP FINDINGS			
	ų	ليستعد		
,			Database(s)	EDR ID Num EPA ID Num
IEENS FARMS DAIRY I	NC (Continued)			U003644405
SWIS ID:	6301	Telephone	(718) 738-7712	
Operator:	QUEENS FARMS			
Contraction Contract:	QUEENS PARMS, (716) 736-7712			
Cartan Cartas	OUEENS EADING DAIBY INC			
	103-45 98TH ST			
	OZONE PARK NY 11417			
	(718) 738-7712			
Owner Type:	Not reported	Owner Mark:	Fits! Owner	
Owner Subtype:	Not reported			
Mailing Address:	OUEENS FARMS DAIRY INC			
	103-45 9BTH ST			
	OZONE PARK, NY 11417			
	1718) 738-7712			
	Not Reported			
Facility Status:	Unregulated by PBS (the lotal capa)	acity is less than 1,101	galions) and	
	Subpart 360-14.			
Capacity (gals):	550			
Tank Location:	DNUEHGHOUND			
(ank ID)	008	Instan Date.	90/00	
Tank istumsk	LEADED GASULINC	Lanx Eype: Dies (=b====b)	Steevcercon steet	
Den Levenar	Not reported	Pape meanin.	CTC PLADON	
Tank External	Not aported	- the + Aho	BIGLOWION	
Table Status:	Closed-Bernoved			
Tank Error Status:	Mitter Data Missin o			
Pipe External:	Not reported			
Second Containment:	NONE			
Loak 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:	£9ise	Updated:	True	
Dead Lener.	False	Chunor Screen:	Minor data missing	
CAME:	Fiscal amount for registration realision	week		
Took Same	0	Sodewill the	New second	
Poten Slag	U Retard has not been proted	Ceutinal NJ.	Not reported	
Confidention Flag	Kake	Codification Date	net oligi missing	
Oki PBS Number	Not reported	Excitation Date:	10/20/07	
Inspected Date:	Not reported	aspector	Not reported	
Inspection Result:	Not reported			
Lationg:	Not reported			
Facility Type:	OTHER			
PBS Number:	2-032573	CBS Number:	Not reported	
SPUES Number.	Notreported	T	contract many limiter	
Sivia IU:	DUD CUSENC CADAG	1 erophóne:	(718) 738-7712	
Emergency Contact	OURENS FADME (718) 734 Your			
Total Tanks	P			
Owner	OLIEENS FARMS DAIRY INC			
	103-45 98TH ST			
	OZONE PARK, NY 11417			
	(718) 738-7712			
Owner Type:	Not reported	Owner Mark.	First Owner	
	blue and a d			

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Map 10		MAP FINDINGS				Map /D		MAP FINDINGS			
Direction		<u> </u>				Direction		ų	ł		
Distance						Distance					
Distance (8,)				EDR IC Number	Distance (*	L)				EDR ID Number
Elevation	Site			Database(s)	EPA ID Number	Elovation	Site			Databace(s)	EPA IO Number
	OUFFINS FARMS DAIRY I	10 (Coolineed)			1002674407		OUFFINS FARMS DAIRY II	C (Continued)			1002544405
	COLLEGE AND CANTER				000000000						0000000000
	Mailing Address:	QUEENS FARMS DAIRY INC					Product Stored	LEADED GASOLINE	Tank Type:	SteeVcarbon steel	
		103-45 9814 51					I DOK NIGONAL	NOT reported	Pipe Internal:	Not reported	
		(710) 200 7710					Teek Externet	And reported	мре куре:	STEEDINON	
		Not Reported					Tank Status	Closed Romand			
	Facility Status:	2 - Unremitted by PAS (the total canaci	n in loss than 1.17	H Odiops) and			Tank Error Status:	Mittor Data Missing			
		Subpart 360-14.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	in gonana) mila			Pipe External;	Not reported			
	Capacity (gats);	4000					Second Containment:	VAULT			
	Tank Location:	UNDERGROUND					Leak Detection:	OTHER			
	Tank ID:	009	Instell Date:	06/76			Overfit! Prot:	No! reported	Dispenser:	Suction	
	Product Stored;	DIESEL	Tank Type:	Steel/carbon steel			Date Tosted:	Not reported	Next Test Date:	Not reported	
	Tenk Memal:	Not reported	Pipe Internal:	Not reported			Date Closed:	0B/95	Test Melhod:	Not reported	
	Pipe Location:	Not reported	Pipe Type:	STEELIRON			Coloted:	False	Updated:	True	
	Task External:	Not reported					Dead Letter.	Falsa	Owner Screen:	Minor data missing	
	Tenx Status	Closed-Romoved					FAMT	Fiscal amount for registration fee is corre-	ct		
	Park error status:	Mehor Date Missing					Total Capecity:	0	Renewal Date:	08/12/97	
	Fipa Contrine della	VALUT					Present Start		Federal ID:	Not reported	
	Lask Detection:	OTHER					Certification Flac:	Caire	Facility Screen:	END DAKE ITESSING	
	Overfill Prot:	Not concred	Citnenser	Suction			Old PBS Namber	Not constant	Expiration Date	100013836	
	Date Tested	Not reported	Next Test Date:	Not reported			Inspected Date:	Not reported	inspector.	Not reported	
	Date Closed:	08/95	Test Method:	Not reported			Inspection Result	Not reported	- top octain	not opened	
	Deleted:	Foise	Updated:	True			Lationg:	Not reported			
	Dead Letter:	Faise	Owner Screen:	Minor data missing			Facility Type:	OTHER			
	FAMT:	Fiscal amount for registration led is corre	ct								
	Total Capacity	0	Renewel Date:	08/12/97			PBS Number	2-032573	CBS Number:	Not reported	
	Tank Scream	0	Federal ID:	Not reparted			SPDES Number:	Not reported			
	Henew Mag: Cadification Deer	Henwai has not been printed	Facility Screen;	No data missing			SWIS ID:	6301	Telephone:	(718) 738-7712	
	Old PBS Number	holi reported	Carancation Date	8.00/19/92			Emotoriator:	OUSENS FARMS			
	loso@cled Date:	Not reported	Extransition rate:	Not tenanted			Total Tanks	0 CENS PARAS, (718) 735-7712			
	Inspection Result	Not reported	proposition,	AND REPORTED			Owner.	OLIFERS FARMS DAIRY INC			
	Laviona	Not reported						103-45 987H ST			
	Facility Type:	OTHER						OZONE PARK, NY 11417			
								(718) 738-7712			
	PBS Number:	2-032573	CBS Number:	Not reported			Owner Type:	Not reported	Owner Mark:	First Owner	
	SPDES Number:	Not reported					Owner Subtype:	Not reported			
	SWIS IO:	6301	Telephone:	(718) 738-7712			Mailing Alldress:	QUEENS FARMS DAIRY INC			
	Operator:	OUEDNS FAMMS						103-40 98TH ST			
	Total Tanks	000000000000000000000000000000000000000						120NE PARK, NT 0417			
	Owner:	OLIEPNS FARMS DALBY INC						Not Reported			
		103-45 98TH ST					Facility Status	2 - Upraculated by PBS //he total canacity	ris less than 1.10	d callonel and	
		OZONE PARK, NY 11417					·	Subpart 360-14	1. 10/03 2 4417 1 ,10	(gerona) ana	
		(718) 738-7712					Capacity (gets):	4000			
	Owner Type:	Not reported	Owner Mark;	First Owner			Tank Location:	UNDERGROUND			
	Owner Subtype:	Not reported					Tank ID:	011	Instell Date:	09/73	
	Mailing Address:	OUSENS FARMS DAIRY INC					Product Stored:	DIESEL	Tank Type:	Steel/Carbon steel	
		103-45 96TH ST					Fank Internol.	Not reported	Pipe Internat:	Not reported	
		U2URE PAHA, NY 11417					Mipe Localion	Notreported	Pipe Type:	STEEURON	
		Net Depended					Tools Externat:	Cland Remained			
	Facility Status	2 - Unremiated by FBS libs (pial canacil	win less than 1.14	t online) and			Tank Front Statum	Minnr Date Mission			
	. Struck manager,	Subnart 360-14	y so was war 1.10	(gwwwia) annu			Pipe Externel:	Notreported			
	Capacity (gals):	4000					Second Containment:	VAULT			
	Tank Location.	UNDERGROUND					Leak Detection:	OTHER			
	Tank ID.	010	Install Date:	08/71			Overfill Prot:	Not reported	Dispenser:	Suction	

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D	MAP FINDINGS				Map (D		MAP FINDINGS		
tion		I			Directio	n ,	4		
nce (R.) site	·····		Database(s)	EDR ID Number EPA ID Number	Distance	r (ft.) n Sile			Cataba
QUEENS FARMS DAIL	Y INC (Continued)			U003644405		QUEENS FARMS DAIRY	NC (Continued)		
Date Tesled:	Not reported	Next Test Date:	Not reported			inspected Date:	Not reported	Inspector:	Not reported
Date Closed:	08/95	Test Method:	Not reported			Inspection Result	Not reported		
Deleted:	Falso	Updated:	True			Easility Turner	Not reported		
Dead Lener:	Falls Elecal emmunt for registration the is com	Owner Screen:	Mint# defa missing			Packay Type.	OTHER		
Total Canacity	0	Senewat Oate	08/12/97			PBS Number	2-032573	CBS Number:	Not reported
Tank Screep:	å	Endered ID:	Not reported			SPDES Number	Not reported		
Renew Flag:	Renwal has not been printed	Facility Scream	No data relasino			SWIS ID:	6301	Telephone:	(718) 738-7
Certification Flag:	Folse	Certification Data	c:08/19/92			Operator:	QUEENS FARMS		
Old PBS Number	Not reported	Expiration Date:	10/29/97			Emergency Contact:	OUEENS FARMS, (716) 738-7712		
Inspected Date:	Not reported	inspector.	Not reported			Total Tanks:	0		
Inspection Result	Not reported					Owner:	QUEENS FARMS DAIRY INC		
Letiong	Not reported						103-45 961H SI		
Facility Type:	OTHER						17481 798 7749		
DED Alumban	0.000670	COC Number	hed considered			Owner Tuma	Not reported	Owner Matte	Eircl Owner
SDDES Number	eruazora Not reported	CBS Nonipar.	MDI Reported			Owner Subhale:	Not reported	Contract range of	
SWIS ID:	6301	Tetaphone:	(718) 738-7712			Mailing Address:	OUEENS FARMS DAIRY INC		
Operator:	QUEENS FARMS					-	103-45 98TH ST		
Emergency Contac	QUEENS FARMS, (718) 738-7712						OZONE PARK, NY 11417		
Total Tanks	0						(718) 738-7712		
Owner:	QUEENS FARMS DAIRY INC						Not Reported		
	103-45 98TH ST					Facility Status:	2 - Unregulated by PBS (the total cap	whith is less than 1,1)1 gailons) end
	OZONE PARK, NY 11417					0	Subport 360-14.		
A	(718) 738-7712	a				Capacity (gais).	100 EPOPOInto		
Owner Type:	Not reported	Owner Mark:	Farst Owner			Tank Ebcason.	D13	incluit Date:	00/00
Molien Address	DIFFENS FARMS DAIRY INC					Product Stored:	UNLEADED GASOLINE	Tank Type	Steel/carbor
camping recarda.	103-45 98TH ST					Tank Internol:	Not teported	Pipe Internat:	Not reported
	OZONE PARK, NY 11417					Pipe Location:	Not reported	Pipe Type:	STEEL/IRO
	(715) 738-7712					Tank External:	Not reported		
	Not Reported					Tenk Status.	Closed-Removed		
Facility Status:	2 - Unregulated by PBS (the total capa	city is less than 1,10	D1 galfons) and			Tank Error Status:	Minor Data Missing		
	Subpart 360-14.					Pipe External:	Not reported		
Capacity (gais):	550					Second Confaitment:	VAULT		
Tank Location:	UNDERGROUND					Leak Detection:	OTHER	0	e
Tank ID: Desited Street	U12	Install Date:	COVOD			Overse Prof.	Not reported	Dispenser:	Suction Net reported
Toek leternet	Sist reported GROCINE	Disc information	Steercarpon steel			Eate Closed	15/25	Tast Membrut	Not reported
Rice I postion:	Not reported	Pipe Type:	STEEL (SOM			Deleted	Faisa	Undetert	Thie
Took External:	Not reported					Doad Letter	False	Owner Screen:	Minor data n
Tank Status:	Closed-Removed					PANT:	Fiscal amount for registration les is o	Oraci	
Tank Error Status;	Minor Data Missing					Total Capacity:	0	Ronewal Date:	05/12/97
Pipe External:	Not reported					Tank Screen.	D	Federal (D):	Not reported
Second Containmy	HE VAULT					Renew Flag:	Renwal has not been printed	Facility Screen:	No data mis
Leek Dotection:	OTHER					Certification Flag:	False	Certification Da	/6:08/19/92
Oversil Prot:	Prot reported	Lispenser:	Suction			OK PSS Number:	INCH FEROFICO	Expression Date	HW29/97
Date 105100	neos	Test Mathed:	Page reported			incredian George	Not reported	wicepector:	not reported
Dalared	Folso	Lindeted:	Tote			t ations:	Not imported		
Doort Lefter	Falsa	Damper Screen:	Here data mission			Facility Type:	OTHER		
FAMT	Fiscal amount for registration fee is con	mot	NIN OF GREAT PRESSING			reading type:	0.1.2.1		
Total Capacity	0	Flenewal ()ate	08/12/97			1000 C			
Tank Screen:	0	Federal ID.	Not reported		28	97-10 103TH ST			1.091
Ronew Flag.	Floriwal has not been printed	Facility Screen:	No data massino		North	97-10 103TH ST			
Certification Flag.	Falso	Certification Dat	16:08/19/92		1/8-1/4	OZONE PARK, NY			
Old PBS Number:	Not reported	Expiration Date	10/29/97		1030				
					Higher				

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S101341295 N/A

EDR ID Number Calabase(s) EPA ID Number

1003644405

Inter soluti		MAP FINDING	15		
istance (fi evalion	.) Site		······	Databaso(s)	EDA ID Numbe EPA ID Numbe
	97-10 103TH 57 (Cent	(nued)			\$101341295
	LUST:				
	Spill Number.	9315573	Region D. Spik	2	
	Facility Contact:	NOR REPORTED	Facility Lele:	Not reported	
	Celler Name:	EDWARD DWYFR	Caller Arrency	BAESENKEALLON CO	6¢
	Caller Phone:	(718) 547-4200	Caller Extension:	Not reported	
	Notifier Name:	Not reported	Notifier Agency:	Not reported	
	Notifier Phone:	Not reported	Notifier Extension:	Not reported	
	Spiller Contact:	DOBOTHY RIDEAZZO	Spiller Phone:	Not reported	
	Spiller Address:	Not reported			
	Spill Class:	Possible release with minimal potential	for fire or hazard or K	nown	
		release with no damage. DEC Respons	e. Willing Responsible	e Porty.	
	Colling of De	Corrective action taken.			
	Spill Couse:	Tank Failure	Resource Affected	Ontand	
	Water Alfected:	Not reported	Spill Source:	Private Owelling	
	Spill Notifier:	Other	PBS Number:	Not reported	
	Spill Date;	05/23/93 11:05	Reported to Dept;	05/23/93 11.13	
	Lisal Inspection:	11			
	Cleanup Ments St	andard: Tran			
	Recommended Pe	enalty: No Penalty			
	Spiller Cleanup Da	ate: //			
	Enforcement Date	c //			
	Investigation Com	piela: / /			
	Soll Record Last	Table: / /			
	is Updated.	False			
	Corrective Action	Plan Submitted. / /			
	Date Spill Entered	In Computer Data File: 05/25/93			
	Date Spill Entered Date Region Sent DEC Bemarke	Fin Computer Data File; 05/25/93 Summary to Central Office; 7 / Not reported			
	Date Spill Entered Date Region Sent DEC Remarks; Spill Cause;	In Computer Data File: 05/25/93 Summary to Central Office: 7 7 Not reported CUSTOMER HAD OIL LEAK IN TANK	BAERENKLAU STAT	ED TANK WAS NO GOD	D USED SP
	Date Spill Entered Date Region Sent DEC Remarks: Spill Cause:	In Computer Data File: 05/25/93 Summary to Central Office; 1 / Not repetited CUSTOMER HAD OIL LEAK IN TANK EEDY DRY NCB.	BAERENKLAU STAT	ED TANK WAS NO GOU	DUSED SP
	Dato Spill Entered Date Ragion Sent DEC Remarks: Spill Causo: KAM THERMAL EQUID 96-21 97TH ST	In Computer Date File: 0525/93 Summary to Cenviel Office; / / Not reported CUSTOMER HAD OIL LEAK IN TANK EEDY DRV NOB.	BAERENKLAU STAT	ED TANK WAS NO GOO	DUSED SP 0000399363 N/a
) 15-174 938 igher	Date Spill Entered Date Region Sant DEC Remarks: Spill Cause: KAM THERMAL EQUID 58-21 971 M ST OZONE PK, NY 11416	In Computer Date File: 552929 Summary to Carvin Offser, 1/ Not reported CUSTOMER HAD DIL LEAK IN YANK EEDY DRY NCB.	BAERENKLAU STAT	ED TANK WAS NO GOO	U000399363 N/A
44 1-7/4 18 17er	Dato Spil Entered Date Region Sent DEC Remarks: Spill Cause: KAM THERMAL EQUID 98-21 97TH ST OZONE PK, NY 11416 PBS UST:	In Conculer Date File: 052939 Summary to Carwin Office, 1/ Noi reported CUSTOMER IND DIL LEAK IN TANK EED' DRY NCO.	BAERENKLAU STAT	ED TANK WAS NO GOD	DD USED SP 0000399363 N/A
W 174 8 Der	Date Spill Endered Date Region Sunt DEC Remarks: Spill Cause: KAM THERMAL EQUIP 86-21 971N ST OZONE PK, NY 11416 PBS UST: PDS Number:	10 Computer Oble File: 0.525/93 Summary to Convert Obles, / / Not reported CUSTOMER 1 HAP OIL CEAK IN TANK EED' DRY NOB. PLMENT LTD 2:296541	BAERENKLAU STAT	ED TANK WAS NO GOD UST	U000399363 N/A
W 174 8 her	Date Spill Entered Date Region Sent DEC Remarks: SPII Cause: KAM THERMAL EQUID Se-21 97TH ST OZONE PK, NY 11416 PBS Number: SPDES Number: SPDES Number:	In Computer Data File: 0.525/93 Summary to Convoltance / / Not reported CUSTOMERT IND OIL CEAK IN YANK CEOY DAY NOS. LIMENT LTD 2/295341 Not reported	CBS Number	ED TANK WAS NO GOO UST	DD USED SP U000399363 N/A
14 174 8 her	Dalo Spil Entercip Dale Ragion Sunt DEC Remarks: Spill Cause: KAM THERMAL EQUID 98-21 97TH ST OZONE PK, NY 11418 PBS UST: PBS Number: SPDES Number: SVDES Number: SVDES Number: SVDES Number:	10 Compute Data File: 0.525/93 Summary to Compute Data. / / Not reported CUSTOMER H ANA DOIL CEAK IN YANK CEDY DRY NCB. 2.040641 LTD 2.096041 Alsh reported 5301	CBS Number Telephone:	ED TANK WAS NO GOO UST r: Not reported (718) 645-4600	DD USED SP U000399363 N/A
₩ 1/4 28 20er	Date Spill Entered Date Region Sent DEC Remarks: Spill Cause: SPII Cause: Se21 971H ST OZONE PK, NY 11416 PBS UST: PBS Number: SVIS 10: Operator: Entergency Contact	In Computer Data File: 0.525/93 Summary to Convolution: / / Not reported 2010/06/94 DAD OIL LEAK IN YANK EEDY DRY NCB. LIMENT LTD 2-2960/1 Not reported 531 - ULI present Party Convolution Train - ULI present Party Convolution Train	CBS Number Telephone: TD 187-200	ED TANK WAS NO GOD UST r: Not reported (718) 645-4600	U000399363 N/A
9 24W 928 928 928	Date Spill Entered Date Pagion Sent DEC Remarks: Spill Cause: Set 977H 87 OZONE PK, NY 11415 PBS Number: SPDES Number: SVDES Num	In Computer Data File: 0.625/983 Winnamy to Construct Data. / Not reported CUSTOMERT HUAD OIL LEAK IN YANK ZEDY DAY NOS. 2.096541 MAR reported 2.096541 MAR reported 501 XAM THERMAL EQUIPELMENT L 0	CBS Number CBS Number To 1947-4200	UST 	U000399363 N/A
NW 5-7/4 38 gher	Data Spie Ender Data Spie Ender Data Radion Sent DEC Remarke: Spil Cause Spil Cause Spil Cause Pas Namber: SpiDES Namber: SpiDES Namber: SpiDES Namber: SpiDES Namber: SpiDES Namber: Spil Tenks: Owner:	116 Сотрацие Dala File: 0.252/93 2007 2017 2017 2017 2017 2017 2017 2017	CBS Number Telephone: 1947-4700 7D	ED TANK WAS NO GOO UST r: No! reported (713) 645-4600	00 USED SP U000399363 N/A
VW ⊱1/4 38 \$Der	Data Spie Enced Date Region Sent DEC Remarks: Spil Cause: Spil Cause: PBS UST: PBS UST: PBS UST: PBS UST: PBS UST: PBS UST: PBS UST: CZONE PK, NY 11416 SPUES humber: SPUES humber: SPUES humber: Detailor: Coperator: Coper	In Computer Data File: 0.525/93 Summary to Convolution: / / Not reported CUSTOMENT HAD OIL LEAK IN YANK EED' DRY NGE. 2-P96341 Not reported 6301 XAM THEEMAAL EQUIPLMENT L 5 0 KAM THEEMAAL EQUIPLMENT L 6 0 KAM THEEMAAL EQUIPLMENT L 8 421 971 HE3 THEEMAAL EQUIPLMENT L	CBS Munbe CBS Munbe Telephone: TD 10	ED TANK WAS NO GOO UST r. Not reported (713) 645-4600	DD USED SP U000399363 N/A
NW 1/4 38 gher	Data Spie Enced Date Radion Sent DEC Remarks: Spil Cause; Spil Cause; Spil Cause; Spil Cause; Spil Cause; PBS Lumbar; Spil Shumbar; Spil Shumb	In Goropuler Dale File: 6025/93 Summary to Gorow Office; / / Weissmary to Gorow Office; / / BEDY DRY NCB: EBY DRY NCB: EBY DRY NCB: 2-096041 NAT HERMAL EQUIPLINENT L SR21 971153 C2016 PK, NY 14165	CBS Number Telephone: To 7D	ED TANK WAS NO GOO UST r: Not reported (718) 645-4600	DD USED SP U000399363 N/A
NW 5-7/4 38 gDer	Data Spie Enced Date Region Sent DEC Remarks: Spil Cause: Spil Cause: Spil Cause: PBS LIST: PBS	In Computer Data File: 6.052/983 Summary to Convolution: / / Not reported CUSTOMENT HUAD OIL LEAK IN YANK EED' DRY NOS. SUMENT LTD 2-296341 Not reported 501 XAM THE STRUKL EQUIPLMENT L 4.0048157N FUEL COUPLMENT L MAN THE STRUKL EQUIPLMENT L MAN THE STRUKL EQUIPLMENT L 702018 FIL 9711 ST 702018 45-6600	CBS Number CBS Number Talephone: TD B#7-4200 7D Owner Mad-	ED TANK WAS NO GOO UST 	UGOD USED SP UGOD39363 NA
1 NW 9-1/4 328 928 974	Data Split Enced Data Pagion Sent DEC Remarks: Split Cause: Split Cause: Split Cause: Split Cause: Split Cause: Split Sumbar: SpDES Numbar: SpDES Numbar: SpDES Numbar: Split Numbar: Split Sumbar: Split Split	In Computer Data File: 0.052/93 Summary to Computer Data File: Construction of the provided of	CBS Number CBS Number Telephone: 10 20 7D Owner Made	ED TANK WAS NO GOO UST r: Not reported (718) 645-4601	U000389363 N/A
34W 9-1/4 938 gher	Data Spie Enced Date Radio Sent DEC Remarks: Spil Cause: Spil Cause: Spil Cause: Spil Cause: Spil Sharribe: PBS LIST: PBS LIST: PBS LIST: PBS LIST: PBS Number: SWIS Do Operator: Conternation Conternation	In Computer Data File: 6.052/983 Summary to Cambridge 7.1 Not reported CUSTOMENT HUB OIL LEAK IN YANK EED' DRY NOS. SUMENT LTD 2:295541 Not reported 5301 Not reported 5301 No	CBS Number CBS Number Telephone: 19 #7-4200 7D Owner Mark: TD	UST 	nd used Sp U000399363 N/A

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Research Constraints

Map ID Direction		MAP FINDING5			
Distance Distance (fl. Elevation) Site			Database(s)	EDR ID Number EPA ID Number
	KAM THERMAL EQUIPLM	ENT LTD (Continued)			1800399363
		(718) 846-4500			
		Not Reported			
	Facility Status:	2 - Unregulated by PBS (the total capacit Subpart 360-14,	y is less than 1,10	l gallons) end	
	Capacity (gats):	275			
	Tank Location:	UNDERGROUND			
	FRINK SCH.	007 NOS 1 9 OD 4 SUEL OF	Install Delle	DG/DQ	
	Took Internal:	NOS (2, OH & FOEL OIL	Tigna type:	Provide the provide the provided the provide	
	Pipe Londing:	Abouttround	Pipe aneroac.	RYCEL (RCA)	
	Tank External:	NONEAOTHER	ripo (jpa:	STEESHOF	
	Tank Stetus:	Tank Converted To Non-Remulated Use			
	Tank Error Status:	No Missing Data			
	Pipe External:	PARTED/ASPHALT COATING/MONE			
	Second Containment	NONEMONE			
	Leak Detection,	NONEMONE			
	Overtitl Prot:	None	Dispenser:	Suction	
	Date Tested.	Not reported	Next Test Date:	Not reported	
	Date Closed:	06/96	Test Method:	Not reported	
	Deleted.	felse	Updated:	True	
	Cene Letter:	Faise	Owner Screen:	Minor date missing	
	PAME:	> iscal BittoUnt for registration ree to corre	Cl David Martin	1000000	
	Tool Sectors	0	Cronewar Cetter:	10/22/92 Mat. 2000 dead	
	Ronew Flat	Eenwal has been trinted	Facility Screen	Minor dela mittino	
	Cutification Flam	Follow	Contilisation Date	windf beta wessing	
	Oki PBS Number	Not reported	Extrinsion Date:	07/07/92	
	Inspected Date:	Not reported	Inspector	Not reported	
	Inspection Result:	Not reported		114170000	
	Lationg	Not reported			
	Facility Тура	Not reported			
	PHS Number	2-296341	CBS Number	Not constant	
	SPDES Number:	Not reported			
	SWIS ID.	6301	Tolephone.	(718) 845-4600	
	Operator:	KAM THERMAL EQUIPLMENT LTD			
	Emergency Contact:	J J JOHNSTN FUEL CORP. (718) 847-4	200		
	Total Tanks:	D			
	Owner:	AS 21 OZZIL CZ			
		DZOME PK NY 11416			
		1710 846 4600			
	Owney Type:	Not reported	Owner Matte	First Owner	
	Owner Subtype:	Not reported			
	Mailing Address:	KAM THERMAL EQUIPLMENT LTD			
	•	98-21 97TH ST			
		OZONE PK, NY 11416			
		(718) 845-4600			
		Not Reported			
	Facility Status:	 Unregulated by PBS (the total capac) Subpart 360-14. 	ty is less than 1.10	1 gallons) and	
	Capacity (gals):	275			
	Tank Location:	LADERGROUND			
	Tank ID:	005	Install: Dote:	00/00	
	Product Stored:	NUS 1,2, OR 4 FUEL OIL	Tank Type:	Stoel/carbon sleet	
	Fank Internal:	NUTHE	Pipe Internal:	MUNE	
	Mpe Location:	Abovegraving	Pipe Type:	STEEVINON	

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Map ID Direction Distance Distance (ft.) File valion	Sile	MAP FINDINGS]	Database(s)	EDR ID Number EPA IB Number	Map (D Director) Distance (N Elevation) Site
	KAM THERMAL EQUIPLM	ENT LTD (Continued)			6368860001		KAM THERMAL EQUIPLM
	Tank External: Tank External: Tank Elabol: Tank Elabol: Pipe External: Second Containmont. Lark Dolection: Data Testet: Data Testet: Data Glosect: Data Glosect: Data Closect: Data Closect: Data Closect: Tatk Screen: FAHT: Total Capedin: Tatk Screen: Hermy Flag: Centification Flag. Did Burden: Hermoetics Data Screen: Hermoetics Data Screen: Hermoetics Data Screen: Hermoetics Data Screen: Hermoetics Data Screen: Ladong:	NONECOTHER NONECOTHER Table Microsoft Dean Aregulated Use Table Microsoft Dean Aregulated Use Paint Econsent AL COATINGWORE NONERACINE None Noner None	Dispansor: Next Test Date; Test Method: Updated: Updated: Ronewal Date; Federal ID: Federal ID: Federa	Suction Not reported Not seported You Not reported Minor data missing 10/22/92 Not reported Minor data miseling c7/f07/82 Not reported			Diad Leter: FAMT: Total Capacity: Tank Screen: Reserve Fag: Certification Fag: City PBS Number: Inspecte Details Hardiky Type: Pathong Pathong Pathong Pathong Pathong PBS Number: SPDES Number: SPDES Number: SVPS ID: Claritation Contact Tatal Tanks: Owner:
	Facility Type: PBS Number: SPDES Number: SWIS ID: Operator: Emergoncy Contact. Total Tanks:	Noi reported 2-295341 Nat reported 6301 KAM THERMAL EQUIPLMENT LTD J J JOHNSTN FUEL CORP. (718) 847-4 0	CBS Number: Telephone: 200	Not reported (718) 845-4600			Owner Type: Owner Subtype: Malling Addross:
	Owner: Owner Type: Owner Subtype: Mailing Address:	KAM THERMAL EOUPLMENT LTO 98:21 9714 93 (716) 84:400 Nai reported KAM THERMAL EOUPLMENT LTD 08:21 9714 N3 CZONE PK, NY 11416 (718) 86:400	Owner Mark:	First Owner			Pacility Status; Capacity (gals); Tank Location; Tank ID: Product Stored; Tank Internot; Tank Externat; Tank Externat;
	Factily Status Copacity (gal4): Tank Location: Tank Internat Tank Internat Pipe Location: Tank Entro Status; Tank Entro Status;	NOLReported 2-Unregulated by PDS (the total capace Subpart 366-14, 275 NOS 12, OR 4 FUEL ON NOS 12, OR 4 FUEL ON NOS 22, OR 4 FUEL ON NOS 22, OR 4 FUEL ON NOS 2000 NOS 2000 N	ty is less than 1,10 Install Date: Tank Type: Pipe tolomat: Pipe Type,	9 gallons) and 00/00 Sites/Carbon steel NONE STEEL/JRON			Yank Status: Tenk Error Status; Pipe Esternal: Second Containment: Leas Descelon; Owerlif Prof: Date Copsod: Date Copsod: Ded Letter. FAMT: Total Copsod: Total Copsod: Total Copsod: Pinterse Control Copsod: Pinterse Control Copsod: Control Cops
	Date Tested: Date Closed: Deleted:	Not reported 08/96 Fwise	Lespenser: Next Test Date: Test Method: Lipitated:	Not reported Not reported True			Inspection Result: Lettong.

TC0424127.1r Page 63

 Bandback
 EDR/D Number

 ATTERMAL ECUIPLMENT LTD (Continued)
 Conter Screen. Micro data missing

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 False
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 False
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 Certification Fag:
 False
 Foreward Data
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 Certification Fag:
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 English Table
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 English Table
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MAP FINDINGS

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islance						
Stance (Sevation	Sito				Databasets	EDR ID Number EPA ID Number
	KAM THERMAL EQ	UPLMENT LTD (Continued)				U000399363
	Facility Type-	Not reported				
30 NE 1/8-1/4 1091 Higher	PROVVISIERO BRO 195-17 101ST AVE RICHMOND INLLS,	THERS INC NY 11418			RCRIS-SQ(3 1000434675 NYD582726796
	BCB/C					
	Owner:	JOE PROVVISIERO (212) 555-1212				
	Contact:	TONY PROVVISIERO (718) 847-5191				
	Record Date:	02/24/1989				
	Classification:	Small Quantity Generator				
	Used Oil Recyc	: No				
	Violation Status	; No violations found				
31 NNW 1/4-1/2 1581	LIBERTY HEAT TRI 190-15 947H AVENI OZONE PARK, NY	EATING CO. INC. JE 11436			HSWD5 CERC-NFR ACRIS-LO	1000219803 AP NYD053169694 3
31 NNW 1/4-1/2 1581 Higher	CODE IN NUMBER	SATING CO. INC. JE 11416			HSWD5 CERC-NFR ACRIS-LQI	1000215803 AP NYD053169694 3
31 NNW 1/4-1/2 1581 Higher	CERCLIS-NFRAF Site Incident C	EATING CO. INC. JE 11416 Classification Data: Jepoiy: Not reported	F	ocional Facility	HSWDS CERC-NFR RCRIS-LQ0 Not a Federal F	1000215803 AP NYD053169694 3 Facility
31 NNW 1/4-1/2 1581 Higher	LIBERTY HEAT TRI 100-15 94TH AVENI OZONE PARK, NY CERCLIS-NFRAP Site Incident C Ownership Sta CERCL 19, MERAE	SATING CO. INC. JE 11416 Classification Data: alogony: Not reported bas: Unknown Descentrant Metrican	F	odorali Facily); IPL Status;	HSW05 CERC-NFR ACRIS-LQ0 Not a Federal I Not on the NPI	1000215803 AP NYD053169694 3 Facility
31 NNW 1/4-1/2 1581 Higher	LIBERTY HEAT TRI 100-16 94TH AVENI OZONE PARK, NY CERCLIS-NFRAP Site Incident C. Ownership Sta CERCLIS-NFRAP ASSessment:	ATING CO. INC. JE 11416 Classification Data: Ageory: Not reported loss: Unknown Assessment History: DISCOVERY	F	odoral Facility; PL Status: completed;	HSWD5 CERC-NFR ACRIS-LQ0 Not a Federal I Not on the NPL 19890513	1000219803 AP NYD053169694 3 Facility
31 NNW 1/4-1/2 1581 Higher	LIBERTY HEAT TRI 100-15 9471 AVENI OZONE PARK, NY CERCLIS-N/FAR Site Incodent C. Ownership Sta CERCLIS-N/FAR Assessment CERCLIS-N/FAR LIBERTY HEA	ATIME GO. INC. JP PE Classelication Date: Negory Toc reported use: Unickowy Assessment History PPELawINARY ASSESSMENT PPELAWINARY ASSESSMENT TREATING GO. INC.	F N C C	edoral Facility; IPL Status; iomplated; iomplated;	HSW05 CERC-NFR RCRIS-LQ Not a Federal F Not on the NPL 19890613 19890630	1000219803 AP NYD053169694 G Facility
31 NNW 1/4-1/2 1581 Higher	LIBERTY HEAT TRI 100-15 947H AVENI OZONE PARK, NY CERCLIS-N/FAR Site Incident C. Ownership Sta CERCLIS-N/FAR Assessment CERCLIS-N/FAR LIBERTY HEA BCRIS-	ATING CO. INC. JE Classofication Data: Not reported US: Unknown Assessment Misjoy: DISCOVERY PRELIMINARY ASSESSMENT Asa Nametes; TTREATING CO. INC.	F N C C	edoni Facility; PL Status; ompleted; ompleted;	HSWDS CERC-NFR RCRIS-LQI Not a Federal I Not on the NPL 19890613 19890630	1000219803 AP NYD053169694 3 Facility
31 NNW 174-172 1581 Higher	LIBERTY HEAT TRI AVENI OZONE PARK, NY CERCLIS-N/FRAP Site Incom C. Ownership Shi CERCLIS-N/FRAP Assessment CERCLIS-N/FRAP LIBERTY HEA BCRIS: Owner:	ATIME CO.INC. JP P. Classelication Data: Megory. Not reported ws. Unknown DISCOVERY DISCOVERY Assessment History: DISCOVERY ASSESSMENT Assossment History: DISCOVERY DISCOVERY ASSESSMENT	F N C	ederal Facility; IPL Status; ompleted; ompleted;	HSWDS CERC-NFR RCRIS-LQI Not a Federal I Not on the NPI 19890613 19890630	1000218803 AP NYD053169694 3 Facility
31 NNW 174-172 1581 Higher	LIBERTY HEAT TRY IGO-16 9314 AVEN OZONE PARK, NY CERCLIS-NY PAR Sidi Incidento Comenta Sin Assessment: Assessment: Assessment: Assessment: Assessment: Assessment: CERCLIS-NY PAR LIBERTY HEA RCRIS: Owner: Contact:	ATIME CO. INC. JP F Classification Date: Magory: Not reported was Unineway: DISCOVERY PRELIMINARY ASSESSMENT Assessments: TREATING CO INC. LUBERTY HEAT TREATING CO INC (212) 845-3150 BC6 MANSFIELD (718) 845-3150	F N C C	edenii Facility; IPL Status; iompleted; ompleted;	HSWDS CERC-NER ACRIS-LQI Not a Federal H Not on the NPL 19890613 19890630	1000218803 AP NYD033169694 3 Facility
31 NNW 174-172 1581 Higher	LIBERTY HEAT TRY TOO 15 9314 AVEN OZONE PARK, NY CERCLIS-NP RAP Site Incoheric Conventing Sin CERCLIS-NPRAP CERCLIS-NPRAP LIBERTY HEA LIBERTY HEA CONVER: Owner: Contuct Record Cele:	ATIME CO.INC. JP P. Classification Data: Megory. Not reported ws: Unknown Assessment Misjoy: DISCOVENTY ASSESSMENT DISCOVENTY ASSESSMENT Assa Namester TREATING CO INC. LIGERTY HEAT TREATING CO INC (212) 846-3150 GeV18/1980	F N C C	edoral Facility; PL Status: iompleted; ompleted;	HSWDS CERC-NFR RCRIS-LOR Not a Federal I Not on the NPL 19890613 19890630	1002215803 AF NYD033169694 3
31 NNW NA-1/2 1581 Higher	LIBERTY HEAT TRY TOO 15 9314 AVEN DZOHE PARK, NY CERCLIS-NP RAP Site Incoheric Ownership Sin CERCLIS-NP RAP LIBERTY HEA CONTER: Owner: Contact: Record Dafe: Classification:	ATIME GO. INC. JP P Classification Date Mappor, Their Imported Net Undrawm DISCOVERY DISCOVERY PRELIMINARY ASSESSMENT Also Nimmerki: TIREATING GO INC. LUBERTY HEAT TREATING CO INC (716) 445-3150 DISC MANSFELD (718) 445-3150 DISC MANSFELD Gen/AI/SPO Large Quantity Generation	F N C C	sdoral Facility: PL Status: ompleted: ompleted:	HSWD5 CERC-NFR ACRIS-LQ0 Not a Federal A Not on the NPL 19890613 19890630	1002215803 A PN2D033169694 A
31 NNW NNW 124-1/2 1581 Higher	LIBERTY HEAT TRY (DO-LS 43H AVEN) OZOHE PARK, NY CERCLIS-NY RAF Sia lacdeni C. ERROGENICA CERCLIS-NYRAP LIBERTY HEA RORE: Owner: Contact: Record Delf: Cassikalion: Used OB Recy	ATING CO. INC. JP PE Classelection Date: Negory Tiki reported Negory Tiki reported Negory Tiki reported DSCOVERY PRELIMINARY ASSESSMENT Assessments: TREATING CO. INC. LUBERTY HEAT TREATING CO. INC (715) 845-3150 DCB MAN(STELD (716) 845-3150 OKI147980 Large Quantity Generator 1 No	F M C C	edoral Facility: IPL Status: completed: completed:	HSW05 CERC/FFR RCRIS-LQC Not a Federal I Not on the NPL 19890613 19890630	1002215803 AF IVXD033169694 3-
31 NNW 1/4-1/2 1581 Higher	LIBERTY HEAT TRY TOO LS JATA AVEN OZOHE PARK, NY CERCLIJS-NY RAF Sia lacdenic C. Owneshop Sia CERCLIS-NRAF Assessment: CERCLIS-NRAF Assessment: CERCLIS-NRAF Assessment: Centect: Record Defe: Classification: List Defe: Classification: List Of Record Defe: Classificati	ATIME CO. INC. JP PE T1418 Classification Data: Magory: Not reported was Unineway: PRELIMINARY ASSESSMENT Assessments: TREATING CO INC. LUBERTY HEAT TREATING CO INC (212) 845-3150 BC6 MANSFIELD (212) 845-3150 Certar 1980 LUBERTY HEAT TREATING CO INC (212) 845-3150 Certar 1980 LIBERTY HEAT TREATING CO S. Molation Information taxist	F N C C	edoral Faqiihy: IPL, Status: ompleted: ompleted:	HSW05 CERC-NF RCRIS-LQU Not a Federal I Not on Ite NPI 19890630	1002215803 AF NYD053169694 3
31 NNW 1/4-1/2 1581 Higher	LIBERTY HEAT TRY COLLS ANY AREN OZOHE PARK, NY CERCLIS-NY RAF Site Incident C. CERCLIS-NY RAF CERCLIS-NY RAF CERCLIS-NY RAF Assessment CERCLIS-NY RAF Assessment CERCLIS-NY RAF CERCLIS-NY RAF CE	ATING CO. INC. JE TITAL Classification Data: Negory This reported two-bulkney Assessment PRELIMINARY ASSESSMENT Assessmentsi: TREATING CO INC. LUBERTY HEAT TREATING CO INC (71) 945-3150 COM MANSFIELD (71) 945-3150 COM JUNE CO Large Claunity Generator 2: No K: Motation Information exist Iation record(s) reported all this site:	F N C C	edoral Facility: IPL Status: completent: completent:	HSWOS CERC-NF R RCRIS-LQU Not a Federal I Not on the NPI 19890630	1002215803 AF NY DOS 169694 3
31 NNW 1/4-1/2 1591 Higher	LIBERTY HEAT TRY COLLS ANY AVEN OZOHE PARK, NY CERCLIS-NY PAR Sin Incident C CERCLIS-NY PAR CERCLIS-NY P	ATING CO. INC. JE TITIS Classification Deter Majory: This reported Majory: This reported Sessament History: DISCOVERY PRELIMINARY ASSESSMENT Assammetsi: TREATING CO INC. LUBERTY HEAT TREATING CO INC (712) 845-3150 DEC MANSFELD (719) 845-3150 Gental Street Co (719) 845-3150 (719) 84	F N C C C C S S S S S S S S S S S S S S S	edoral Facility: Ompleted: ompleted:	HSWOS CERC-WR ACRIS-LOU Not a Federal 1 Not on the NPJ 19890613 19890630	100213803 AP NYD033169694 3 Facility Date of Controling Oty21986
31 NNW 1/4-1/2 1581 Higher	LIBERTY HEAT TRY (COLL) S-IM AVEN OZOHE PARK, NY CERCLUS-NP RAF Sita Incident C. Owneship Sin CERCLUS-NFRAF Assessment: CERCLUS-NFRAF Assessment: CERCLUS-NFRAF Assessment: Centext: Record Defe: Context: Record Defe: Cassidadion: Used OI Recy Votation Statu There are 1 vic Embutibo Compliance Exc.	ATIME CO. INC. P. TITATE Classification Date: Augory This reported two: Unit-work Assessment of the control DISCOVERY PRELIMINARY ASSESSMENT Assessments: TREATING CO INC. LUBERTY HEAT TREATING CO INC (212) 845-3150 Certar/980 Large Counting Generator ING ING ING ING ING ING ING ING	F N C C C	edoral Facility: PR, Siatus: ompleted: ompleted: bitico	HSWOS CERC-NFS-LOK Not a Federal 1 Not on the NPI 19890613 19990630	1002119803 AP NYD033169694 3 Techty Date of Controlling Controlling 010211986
31 NNW 1/4-1/2 1581 Higher	LIBERTY HEAT TRY IDO-18 JOIN AVEN OZOHE PARR, NY CENCLIS-NY PAR Site inschert C Ownership Site INSCHERTY HEAT Assessment CERCLIS-NY PAR Assessment CERCLIS-NY PAR Assessment CERCLIS-NY PAR Assessment CERCLIS-NY PAR CONTEXT Assessment CONTEXT Record Defe: Classification Ured Oil Record Ured O	ATING CO. INC. P. Classification Date: Magory No: Propulse DISCOVERY PRELIMINARY ASSESSMENT Assessment Misloy: DISCOVERY PRELIMINARY ASSESSMENT Assessment Misloy: DISCOVERY PRELIMINARY ASSESSMENT Assessment Misloy: DISCOVERY PRELIMINARY ASSESSMENT Assessment Misloy: Comparison Comparison Comparison Comparison Comparison Mislow Reported None	F N C C C C C C C C C C C C C C C C C C	ederal Faqiiky: IPL Status: ompleted: ompleted: Sation AB Requirement	HSWOFF CERC-WF RCRIS-LOK Not a Federal 1 Not a Federal 1 19890613 19890630 19890630	100213803 AF NY Dos316964 3 Facility Dam of Combines 01/02/1986

Map ID Direction		МАР	FINDING]		
Distance Distance (fi Elevation	} Site					Dalabase(s)	EDR ID Number EPA ID Number
	UBERTY HEAT TREA	ING CO. INC. (Continued)					1000219803
	Owner:	Liberty Heat Treating Co., inc.					
	Owner Address	100-15 94th Ave-					
		Ozone Park, NY 11415					
	Owner Phone:	(212)845-3150					
	Operator type:	Same					
	Operator Address	Linknows					
	Operator Phone:	Linknown					
	Registry:	Not on NYS Registry of Inactiv	e Hez Was	te Disposal Sites			
	Registry Site ID:	None		RCPA Permitted:	Unknow	'n	
	Site Code:	1		taailing:	Not rep	pried	
	Quadrange:	Unknown		Laviong:	40 41 1	5°N / 73 50'37"4	1
	Acres:	0.00					
	Operator Date:	1941		Close Date:	08/17/8	3	
	Completed.	Unknown		Active:	No		
	Hegion:	2		WABUIOUA.	False		
	sygnmer: Veterile Oreanie (Not reponds					
	Semi Volatile Or	and Compounds Disposed	No.				
	PCB's Disposed	and composition on position.	No				
	Pesiicides Dispo:	sed:	No				
	Metats Disposed		Unknown				
	Asbasios Dispos	6 4 .	No				
	Analytical Info Ex	Iste for Air:	Not report	64			
	Analyticsi Info Ex	ants for Ground	None				
	Analytical Info Es	asts for Surace	Not sepor	bd			
	Analytical Info Ex	ista for Curtasa Soit	Not repor	leo			
	Analysical info Ex	iste lat Substance'	Not report	00			
	Ans Mical Mip Ex	isIs for Waster	Not report	led			
	Analytical Into E	ists for Leachate:	Not report	ed			
	Analytical into Ex	ists for EP Taxkity:	Not report	ted			
	Analytical Into Ex	ists for TCLP.	Not report	ed			
	Site Poses Three	t to Environment/Public Health:	E/P				
	internal manking-	01 50 0	U				
	Surface Water R	why Clase	Linknown				
	Groundwater Cor	naminetion:	Lipkhown				
	Groundwater Cla	ssilication	Unknown				
	Drinking Water C	anjamination:	Unknown				
	Drinking Water S	uppty is Active:	Unknown				
	Any Knows Fish	or WHOFIE:	No				
	Mazaroous Expo	sure: ad Acare:	Unknows				
	Ambiant Air Cont	subication:	Linkoown				
	Direct Contact:	an tesanon.	Linknown				
	EPA Hazardous	Ranking System Score;	Unknown				
	Agencies:	NYSDEC					
	Air;	Not reported					
	Building:	Not reparted					
	Site Description:	PREVIOUSLY WAS A SM. TREATED IN A HOT CYAL WAS THE RESULTING W	ALL OUAN NDE SALT ASTE:	TITY GENERATOR BATHS, AND QUE	OF HAZ	WASTE, META N OIL, HAZ, SI	US WERE
	Drink;	THE NEAREST WATER S	UPPLY DIS	TANCE IS 1 MILE	FBOM 7	HE SITE.	
	Eptox:	Not reported					
	Fish:	Not reported					
	Ground:	THE NEAREST GROUND	WATER 0	EPTH IS 60 FEET B	BELOW 1	HE SURFACE.	

Eiswation Sile Eiswation Sile Hitzerdruk TREATING CO. INC. (Continued) Hitzerdruk Thread: SLUDGE Lacitanic Motreported Preparer: JULE WELCH MYSDEC, INTERN, RPI ENV.ENG.TECH. 1 FEBRUARY 15, 1994	
LIBERTY HEAT TREATING CO. INC. (Conlinued) 1900219803 Hazandous Trivael: SLUDGE Laectanic: Mot reported Preparer: JULIE WELDEN INSDEC, INTERN, RPI ENV.ENG TECH. 1 FEBRUARY 15, 1994	
Hazardowa Trivati. SUJDGE Laischate: Not reported Prignum: JULIE WELCH NYSDEC, INTERN, RPI ENV.ENG TECH. 1 FEBRUARY 15, 1994	
Heladon, KOLEKALOF, UGUSTUSAL Sodiannit: Kol Heonita Don The Bear Soft Subaci S	
TC0424127.1r Page 67	

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following folderal and state databases, EDR confacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides condimnation that this EDR report meets or exceeds the 60-day updaking requirement of the ASTM standard.

FEDERAL ASTM RECORDS:

80709111 1 NUEN

CERCLIS: Comprehensivo Environmental Response, Compensation, and Liability Information System Source: EPA

Telephone: 703-413-023 CERCII. Scortains data on potentially hazandoug waste sites th private companies and private parsons, pursuant to Section 1 and Linbarty Act (CERCLA). CERCL3 Contained sites which a List (NPL) and sites which are in the screening and assessm	1 Nave been reported to the USEPA by states, municipatives, 03 of the Comprehensive Environmental Response, Comparation to ather proposed to or on the National Priorities and phase for possible inclusion on the NPL.
Date of Government Version; 04/21/09	Date of Date Arrivet ut EDR: 05/14/99
Date Made Active at EDR: 06/09/99	Elapsed ASTM days; 26
Database Release Fréquency; Quarterly	Date of Last EDR Contact: 08/30/09
ERNS: Emergency Response Notification System Source: EPANTIS Tolephony: 202-280-2342 Emergancy Response Notification System: ERNS records and s Aubationation	tores information on reported releases at all and hazardous
Dale of Government Version: 12/31/98	Date of Data Arrival at EDR: 01/13/99
Date Mede Active at EDR: 01/18/99	Etapsed ASTM days: 5
Database Releaso Frequency: Guarterly	Date of Last EDR Contect: 08/06/99
MPC: National Priority List Source: EPA Telephone: NA National Provides List (Superfund): The NPL is a subset of CER clearby under the Superfund Program. NPL sites may encor- coveringe for over 1,000 NPL site boundaries produced by El (EPPC).	CLIS and identifies over 1.200 siles for priority rps5 relatively large areas, As such, EDR provides polygon A's Environmental Photographic Interpretation Center
Data of Government Version: 05/10/99	Date of Data Arrival at EDR: 05/12/59
Date Mede Active at EDR: 06/09/99	Elapsed ASTM days: 28
Databese Release Frequency: Semi-Annualty	Date of Last EDR Contect: 08/05/99
RCRIS: Resource Conservation and Recovery Information System Source: EPAMTIS Teleptions: 600-249-3246 Resource Conservation and Recovery Information System, RCI Instructor, Store, Incel and/or dispose of hazerdous weste as Act (ROVA).	n NS includes sufficitive information on sites which generate, fairhed by the Resource Conservation and Recovery
Date of Government Version: 07/01/99	Date of Data Arrival at EDR: 07/07/99
Date Made Activo et EDR: 08/11/99	Elepsed ASTM days: 35
Database Release Fraquency: Semi-Annually	Date of Last EDR Contact: 07/26/09

DRACTS: Corrective Action Report Source: EPA Totephone: RDA CORRACTS Variables hazardous waitie handlers with RCRA corrective ection activity. Data of Government Version: 0301/99 DL Date Made Active at ECPI: 04/1599 DL Date of Date Arrivat at EDR: 03/17/99 Elapsed ASTM days: 30 Date of Last EDR Contact: 06/21/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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FEDERAL NON-ASTM RECORDS:	
BRS: Bienniel Reporting System Source: EPANNTIS Telephone: 600424-3046 The Bionnial Reporting System is a national system administered by and management of hazandrus waste BRS captures dealed dat and Travenens, Storage, and Desposal Facilities.	r the EPA theil collects data on the generation ta from two groups: Large Guenitity Generators (LQG)
Date of Government Version: 12/31/95 Database Release Frequency. Biomisely	Date of Last EDR Contact; 06/21/99 Date of Next Scheduled EDR Contact: 09/20/99
CONSENT: Superfund (CERCLA) Consent Decrees Source: EPA Regional Offices Telephone: Varies Migra legal settlements that establish responsibility and standards (s perodicated by United States District Courts after settlement by pa	cr cleanvp at NPL (Suportund) sites, Roleased artice to Silpation maners.
Date of Bovernment Version: Veries Database Release Frequency, Veries	Date of Last EDR Contact: Varies Date of Next Scheduled EDR Contact: N/A
1988/RS: Hezardous Materials Information Reporting System Source: U.S. Department of Transportation Telephone: 202-366-4526 Hezardrus Materiale Incident Report System. HMIRS contains haza	intous material spill incidents reported to DOT,
Date of Government Version; 12/31/98 Database Release Frequency: Annually	Date of Last EDR Contact: 07/28/99 Date of Next Scheduled EDR Contact: 10/25/99
NETS: Materiol Licensing Tracking System Bouron: Muclear Registerory Commission Telephone: 301-415-7169 MLTS is maintained by the Huclidar Regulatory Commission and com possess or use redioachive materials and which are subject to NF EDR contract, the Agency on a quantify basis	ntains a fist of approximately 8,100 sites which HC locensing requirements. To maintain currency,
Data of Government Version, 12/08/98 Database Release Frequency: Quarterly	Date of Last EDR Contact: 07/12/99 Date of Next Scheduled EDR Contact: 10/11/99
NPL LIENS: Faderal Superfund Uens Source: EPA Telephone: 202-564-4207 Faderal Superfund Linen, Under the authority granted the USEPA be und Luabity Ard (CERCLA) of 1990, the USEPA has the authority for recover refinedial existen superifythere or whon the property on USEPA comptets a listing or listen visces of public superfund Lines	y the Comprehensive Environmental Response, Compensation y to file lifes against real property in order nar receives notification of potential Rebitity.
Date of Government Version: 10/15/91 Database Rejoase Frequency: No Update Planned	Date of Last EDR Conlact; 08/27/99 Date of Next Scheduled EDR Contact: 08/23/99
PADS: PCB Activity Database System Source: EPA Telephone: 202 260-3936 PCB Activity Database. PADS Idenblies ganastators, transporters, cr df PCB who are required in notify the EPA of such activities	ommarcial slorers and/or brokers and disposers
Date of Government Version: 09/22/97 Database Release Frequency: No Update Planned	Date of Last EDR Contect: 08/17/99 Date of Next Scheduled EDB Contact: 1 //15/99

RATS: RCFA Administrafive Action Tacking System Source: EP. Teinprone: 202-564-1104 RCFA Administration Action Tacking System. RAATS contains reco pertaining to major whitena and Includes administrative and clutt actions effect Sources 30, as you be accessing to temphate the distabute to Hastonial records. It was necessary to temphate mode 8 impossible to Colline to update Ref Information compliable	rds based on enforcement actions issued under FCRA circlens brough by the EPA. For administration me was discontinue. EPA will read a corp of VMTS because a decrease in agency resources in the deninase.
Date of Government Version: 04/17/95 Detabase Release Frequency: No Update Planned	Date of Last EDR Contact: 06/14/99 Date of Next Scheduled EDR Contact: 69/13/99
ROD: Records Of Decision Source: NTIS Telephone: 703-416-0223 Record of Decision, ROD documents mandate a permanent refriedy and health silommation to wid's the cleanup.	at an NPL (Superfund) site containing technicas
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: : 1/22/99
FRIS: Toxic Chemicel Retrease Inventory System Baures: EPA Totephone: 202-200-1531 Toxic Retrease Inventory System. YRIS identifies Ecolities which relev land in reportable quantifies under SARA Tute III Section 313.	isor loxic chemicals to the air, water and
Dale of Government Version: 12/31/97 Dalebase Relense Frequency: Annually	Date of Last EDR Contact: 09/28/99 Date of Next Scheduted EDR Contact: 09/27/99
TSCA: Tour Substances Control Act Source: EPA Teleptone: 202-260-1444 Troxic Substances Control Act. TSCA Identifies manufacturers and in TSCA Chemical Substance inventory list. It includes data on the j site.	nporters of chemical substances included on the traduction valume of these substances by plant
Date of Government Version: 12/31/94 Database Release Frequency: Every 4 Years	Date of Last EOR Contact; 05/03/99 Date of Next Scheduled EDR Contact; 10/25/99
MINES: Minas Master Index File Source: Department of Labor, Mine Sefety and Health Administratio Telephone: 303-231-5959	n
Date of Government Version: 02/01/98 Database Refease Frequency: Semi-Annually	Date of Last EDR Contact: 07/08/99 Date of Next Scheduled EDR Contact: 10/04/99
AOCONCERN: San Gabriel Velley Areas of Concern Scence: EPA Region 9 Telabhone: 415-744-2407 San Góbiel Valow areas where VOC contemination is at or above 8	ve 1479 are classionated by contine 0 EPA office
Date of Government Version; 12/31/98 Date of Government Version; 12/31/98	Date of Last EDR Contact: 08/29/29 Date of Nati Schechled EDR Contact: NA
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OVERNMENT RECORDS SEARCHER	JIDATA CORMENCE TRACKING
TATE OF NEW YORK NON-ASTM RECORDS:	
IST: Petroleum Bulk Storage (AST) Source: Department of Environmental Conservation Tetephone: 518-457-4551 Registered Aboveground Storage Tanka.	
Date of Government Version; 01/01/99 Distabese Release Frequency; Quartedy	Date of Last EDR Contact; 08/03/99 Date of Next Scheduled EDR Contact: 11/01/99
KB5 AST: Chemical Buk Storage Database Source: NYSDEC Telephone: 518-457-4351 Facilities that store regulated hazardous substances in abovegrout and/or in underground taxis of any size.	nd hanks with capacifies of 185 gallons or greater,
Date of Government Version: 07/01/99 Database Retease Frequency: Quarterly	Date of Lest EDR Contact; 08/03/99 Date of Next Scheduled EDR Contact; 11/01/99
NOSFAST: Major CBI Storage Facilities Databasa Bource: NYSDEC Tellephone: 518-457-4351 Facilities that may be onshore facilities or vessels, with petroleum greater.	storage capacifies of 400,000 gallone or
Date of Governmont Version; 07/03/99 Database Release Frequency: Quarterly	Date of Last EDR Contact: 08/03/99 Date of Next Schoduled EDR Contact: 11/01/99
ISWDS: Hazardous Substance Waste Disposal Sile Inventory Source: Department of Environmental Concervation Trelophone: 514,645,0639 The list includes any known or suspected hazardous substance wa from the Registry of Inactive Huardous Waste Opposal Silers an Assessment (PA) reports of USIn inventigation (S) reports were	iste disposal sites. Also included are alter delisted d non-represently citics which U.S., EPA Pretiminary prepared
Date of Government Version; 05/17/99 Database Rolease Frequency: Annuelly	Date of Last EDR Contact: 09/08/99 Date of Next Schoduled EDR Contact: 12/06/99
IPILS: Spills Information Database Source: Department of Environmental Conservation Telephone: 518 457-2462 Data collected on spills reported to NYSDEC es required by one o Law, 6 NYCRR Section 513.8 (new R95 regs); or 6 NYCRR Se as of A API 1, 1986, as well as spills occurring ince this data as of API 1, 1986, as well as spills occurring ince this data	r mare of the following: Atticle 12 of the Navigation clion 595.2 (from CBS regs), it includes spille octive
Date of Government Version: 07/01/99 Database Refease Frequency: Quarterly	Date of Liss EDR Contact: 08/03/99 Date of Next Schedwied EDR Contact: 1 1/01/99
/CP: Voluntary Cleanup Agreements SearCe: Department of Environmental Conservation Telanhone: 584:457.789 The voluntery remedial program uses private monies to get contain the siles production uses. The program cover writeably any kind	minited sites r amediated to levels allowing for of site and contaminesion.
Date of Government Version: 06/14/99 Datebase Release Frequency Servi-Anoually	Date of Last EDR Contact: 06/21/89 Date of Next Scheduled EDR Contact: 09/20/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE OF NEW YORK ASTM RECORDS:	
LUST: Späls kilormation Datubase Source: Department of Environmental Conservation Telephone: \$18-457-2452	
Leaking Underground Storage Lank Incident Heports, LDS1 records storage tank incidente. Not all states maintain these records, and I	contain an inventory of reported leaking underground he information stored varies by state.
Date of Government Version; 07/01/59 Date Made Active at EDR: 10/18/99 Datebase Release Frequency: Quarterly	Date of Date Arrysi at EDR: 08/19/99 Elspeod ASTM days; 60 Date of Last EDR: Contact: 08/03/99
SHWS: Intolive Hazardous Watte Disposal Sites in New York State Source: Department of BMVInnmental Concernation Telephone: 15:46-70-27 State Hazardous Watele Sites. State hazardous weste site records an may or may or takena by tested on that sident CERCLIS site. Print (sate departualers) of Suportunity are Identified along with site responsible printias. Available charmation ya teste, sites,	e the states' equivalent to CEFICLIS. These sites my sites plannod for cleanup using state twois a cleanup will be paid for by potentiality
Date of Government Version: 04/01/99 Oate Mede Active at EDR: 09/18/99 Database Release Frequency: Annually	Date of Date Arrival at EDR: 07/15/99 Elapsed ASTM days: 63 Date of Last EDR Contact: 08/36/99
Source: Department of Environmental Conservation Toposphore: 519-637-0651 Solid Visele Facilitys/Landilli Sites. SWF/LF type records typically or facilities at Andillis in a particular site. Departing on the salak. It or open damps that ballot in one ROTA Stoletie O Section 4004 size. Date of Overanment Version: 06/30/d9	intelin an inventory of solid waste disposal else may be active or inactive sacifikes onlerin for solid waste landillis or disposal Date of Date Arrusia & FDR: OPTIONS
Date Made Active at EDR: 09/19/99 Ostebase Release Frequency: Semi-Annually	Elapsed ASTM days: 37 Data of East EDR Contact: 08/16/99
UST: Petrofeum Bulk Storage (PBS) Database Source: Department of Environmental Conservation Telephone: 518-557-4331 Facilities Mai have periodyum storage capacities in excess of 1,100 (rations and tess than 400,000 gallons,
Calls of Government Version: 07/01/99	Date of Bala droval of FDB: 08/10/09
Date Made Active at EDR: 10/05/99 Detabase Release Frequency: Quarterly	Elapsed ASTM days: 47 Date of Last EDR Contact: 08/03/99
CBS UST: Chemical Bulk Storage Database Source: NYSDEC Tetrohoon: 516-457.4351	
Facilities that store regulated hazardous substances in underground	tanks of any size
Date of Government Version: 07/01/99 Date Made Active at EDR: 10/18/99	Date of Data Arrival at EDR: 08/19/99 Etapsed ASTM days: 50
Delebase Rolease Frequency: Quarterly	Date of Last EDR Contact: 08/03/99
MOSF UST: Major Oil Storage Facilities Database Source: NYSDEC	
remposition, or (0:40/1433) Facilities that may be onshore facilities or vessels, with petroleum sk greater.	rage capacities of 400,000 gallons of
Date of Government Version: 07/01/99	Date of Date Arrival at EDR, 05/19/99
Date Mede Active at EDR: 10/18/99 Database Release Frequency: Quarterly	Elapsed ASTM days, 60 Date of Last EDR Contact: 08/03/99

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NEW YORK COUNTY RECORDS

CORTLAND COUNTY: Cortland County UST Listing (AST) Source: Cortland County Health Department Telephone: 607:933-938 Date of Borusment Version: 03/15/99 Detabase Release Frequency: Caustarity

Contiand County US1 Listing (US1) Source: Cortland County Health Department Telephone: 607-753-503 Data of Government Varsion: 06/17/39 Database Release Fraquency: Quarterly

Detabase Release Frequency: Quarterly NASSAU COUNTY:

Registered Tank Database Source: Nassau County Health Department Telephone: 016-071-3314 Date of Government Version: 02/04/99 Datobase Release Frequency: Quarterly

Registered Tank Database Source: Natissu County Health Department Telephone: \$16-\$71.3314 Date of Government Varsion: 08/11/29 Database Release Frequency: Cuantedy

ROCKLAND COUNTY:

Petroleum Bulk Storage Database (AST) Snurce: Rockland County Health Department Telephons: 914-364-2605 Database Rolesse Prequency: Quarterly Database Rolesse Prequency: Quarterly

Petrolivin Bulk Storage Detabase (UST) Source: Rockland County Health Department Telephone: 91-364-2505 Date of Government Version: 07/28/99 Datebase Prelease Frequency: Quarterly

SUFFOLK COUNTY: Underground Storoge Tank Database (AST) Source: Solidok County Department of Health Services Telefohme: 516-854-2521 Data of Government Version: 02/01/98 Database Reses Frequency, Annually Date of Last EDR Contact: 09/07/99 Date of Next Schetkiled EDR Contact: 12/06/99

Date of Last EDR Contact: 09/07/99 Date of Next Scheduled EDR Contact: 12/06/99

Date of Last EDR Contact: 08/09/98 Date of Next Scheduled EDR Contact: 11/08/99

Date of Lost EDR Contact, 08/09/99 Date of Next Scheduled EDR Contact; 11/08/99

Date of Last EDR Contact: 07/12/99 Date of Next Scheduled EDR Contact: 10/11/99

Date of Last EDR Contact: 07/12/99 Date of Next Scheduled EDR Contact: 10/11/99

Date of Last EDR Contact: 09/07/98 Date of Next Scheduled F(DR Contact: 12/06/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Database (UST) Source: Suitcik County Department of Health Services Telephona: 516-654-2521

Date of Government Version: 03/01/99 Database Release Frequency: Annualty

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 specially database may or may not be complexe. For example, the existence of weighnoit linking a specific report does not mean that all weight is the area covered by the report are metalized. Moreover, the absence of any reported weillands information does not necessarily mean that weight do not exist in the area covered by the report.

Former Manulactured Gas (Coal Gas) Bites: The existence and location of Coal Gos sites is provided exclusively to EDR by Rost Property Scan, inc. 60copright 1993 Peal Preperty Scan, Inc., For a technical description of the types of heards which may be found at this fails, concept four EDR outcome service representation.

Disclaimer Provided by Real Property Sean, Inc.

The information contained in this report has predominantly been obtained iron publicly evaluate sources produced by entities other than them Property Seam. While reasonable steps have been abten to insure the eccuracy of this report. Ane Property Seam does not guarantee the accuracy of this report. Any livelably on the part of Real Property Seam is stock placed to a related of the amount pad. No claim is made for the accuracy instance of toxine at any pile. This report does not constitute a legal option.

DELISTED NPL: NPL Deletions Source: EPA Telephone: N/A

The National Orl and Maxerdnoti Substances Pollution Contingency: EPA uses to datele sites from the MPL, to accordance with 40 CF NPL where no further response to appropriate.	Plan (NCP) establishes the criteria that the Pl 300.425.(e), sites may be deleted from the
Date of Government Version: 04/23/99	Date of Deta Arrivel at EDR: 05/12/99
Date Made Active at EDR: 06/09/99	Bapeed ASTM days: 26
Database Referes Frequency: Semi-Annually	Date of Last EDR Contact: 08/10/99

Database Release Frequency: Semi-Annually

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Date of Government Version: 04/21/99 Date Made Active at EDR; 05/09/99 Database Release Frequency: Querterly

Date of Data Arrival of EDR: 05/14/99 Etapsed ASTM days: 25 Date of Last EDR Contact: 08/30/99

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Date: This data, available in select country, across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 109-year and 500-year flood zones as defined by FEMA.

NW: National Wallands Inventory. This data, snatable in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

Epicenters: World earthquake opicenters, Richter 5 or greater Source: Depentment of Commerce, National Oceanic and Atmospheric Administration

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APPENDIX C

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ESCONT A

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Martine and Andrews

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:

EEA, Inc.

55 Hilton Avenue Garden City, New York 11530 (516) 746-4400 (212) 227-3200

NOVEMBER 1995

ESA-95267

purities.

OZONE INDUSTRIES 101-21 101ST STREET OZONE PARK, NEW YORK ENVIRONMENTAL SITE ASSESSMENT

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APPENDIX A - Photographs

IV.

APPENDIX B - Invoice for 1987 Tank Closures

APPENDIX C - Agency FOIL Requests and Responses

APPENDIX D - Descriptions of NYSDEC Spill Incidents, Petroleum and Chemical Bulk Storage Facilities, and RCRA Hazardous Waste Handlers from Toxics Targeting

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 <u>Present Operations</u>

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 <u>Site Drainage</u>

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.

101-21 101st Street - 2 -

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 <u>Toxic and Hazardous Materials and Wastes</u>

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 <u>Petroleum and Chemical Storage Tanks</u>

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 <u>Building 6 (tank 2</u>); one 2,500-gallon fuel oil tank under <u>Building 9 (tank 3)</u>; 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 <u>Tank Testing</u>

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 <u>Suspected Asbestos-Containing Materials</u>

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 <u>Regulatory Records and Databases</u>

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.

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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:

Aprild C. Juna

Ronald C. Trapane / Phase I Environmental Site Assessments

REVIEWERS:

Jaine MM10

Bonnie Braine Manager, Phase I Environmental Site Assessments

Leland M. Hairr, Ph.D. President

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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. <u>Property Description</u>

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



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. <u>Site History</u>

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:

Year		
Completed	NB/ALT/CO No.	Structure/Use/Change
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.

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(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).

Year	Structures	Use
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.

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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. <u>Site Characteristics</u>

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.

	Chemical/Material	Quantity Present
0	Building 6	
	First floor (northeast corner)	Nineteen 55-gallon drums of various waste oils and solvents
0	Building 5	
	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)

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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:

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Building No.	<u>Tank No.</u>	<u>Tank size</u>	Construction	Previous Content	Belowground
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.).

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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.

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F. <u>Waste Products and Waste Disposal</u>

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:

Waste	Waste Amount	Year Generated	
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 NYCFD regulations.

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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, <u>friable</u> types of asbestos, i.e., ACM that can be crushed, crumbled or pulverized using <u>hand or mechanical pressure</u>, are hazardous when in a deteriorating condition. It should be noted that the New York City definition of <u>friable</u> 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 <u>hand pressure</u> 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 <u>mechanical</u> 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).

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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.
- Approximately 85 linear feet of pipe wrap in fair to poor condition in the first floor manufacturing area (see Photo 10).

Building 6

- 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. <u>Polychlorinated Biphenyls (PCBs)</u>

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, rugs, 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. <u>Radon</u>

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.

101-21 101st Street - 22 -

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:

Area	Business or Use
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).

101-21 101st Street - 23 -



Subject Property Location New York City Land Use Map (1988)

Figure 4

LAND USE - 1988 OPEN LAND USES UACANT LAND USED AUTOMOBILE LOT FARM LICENSED JUNK YARDS ILICENSED JUNK YARDS ILICENSED JUNK YARDS ILICENSED JUNK YARDS				
OPEN LAND USES				
Image: Second				
RESIDENTIAL USES				
ONE FAMILY DETACHED				
NON-RESIDENTIAL USES				
8 COMMERCIAL & RETAIL 9 LIGHT INDUSTRY 10 AUTOMOTIVE STORAGE & SERVICE 8 OFFICE 9-WI WAREHOUSE & 11 HEAVY INDUSTRY 13 TRANSPORTATION 12 PUBLIC & PRIVATE INSTITUTIONS 7-10 PREDOMINANT USE IS FOLLOWED BY SUBORDINATE USES				
I2-HM MUNICIPAL HOSPITALS I2-HV VOLUNTARY HOSPITALS I-H STATE OR FEDERAL HOSPITALS I2-HP PROPRIETARY HOSPITALS I2-P public schools I2-NP PRIVATE & PAROCHIAL SCHOOLS				
RAPID TRANSIT LINES:				
- C-LOCAL STATION				
TAX BLOCK NUMBER 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

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L. <u>Regulatory Records and Databases</u>

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 permitees, 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 with an approximate 1/2-mile of the site. Two spills were listed on the subject property:

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<u>Spill #</u>	Date	Location	Material	Cause	<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 permitees 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 permitees 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):

Tonle Mo	Longe States	Content	Stand (gallong)	Tople Logation	Dete
<u>rank no.</u>	Tank Status	Coment	Stored (ganons)	Talk Location	Date
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.

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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.

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IV. SCOPE OF WORK

A. <u>Purpose and Limitations</u>

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 <u>potential</u> 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. <u>Conformance with ASTM Standard Practice</u>

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).

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- o Interviews with site contacts, current site operators, adjacent site operators, neighbors or other "old timers."
- 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.
- 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 onsite 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 onsite operations (through interviews, site inspections, Materials Safety Data Sheets, hazardous materials inventories, reports to regulatory agencies, etc.).

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- 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).

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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

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Photo 1:

Subject property Buildings 6, 5, and 9 (left to right), as seen from across 101st Street.





Vacant interior of Building 5, former manufacturing area.



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Cartley Carters

Photo 3:

Piping from interior floor drain, that discharged any leaking oil to a 55-gallon drum.









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.



ALC: NO.

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.





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

No.

and the second se

No.

11/14/1995 09:15 17183264365 AMSTER NOVELTY CO PAGE 01 Amster Novelty Atta Bonnie (EEA) F.01 NOV-13-95 MON 16:41 PPGE . 002 NOV 12 195 14123 FROM OZONE INDUSTRIES 5 Rechard -Petroleum Tank Cleaners Mark Land IN.J.F. : "1v9 836 BUTLER BTREET. BROOKLYN. N. Y. 11817 TELEPHONE EN-COLE and the second second H LE C L . January 6, 1988 Orone Industries 101-32 IDist Street Orone Park Υ. ĉ . . Ozons Park, N.T. 11416 7.0, NO. H 43971 . Completed work at the above address. 1.1 . . Breaking of concrete and digging Tank Ho. 1 10:30-12:30 Tank Ho. 4 1:00-4:40 Tank Ho. 5 4:30-5:00 2 hours portal to portal a de la composición d . 2 **3**9 - 1 • • • 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 portag Total 9 1/2 hours 8 712.50 -12/18/87 14/ 10/6/ Tank No. 4 10:00-4:30 JAN 1 8 19 2 hours portal to port Total 8 1/2 hours \$ 637.30 4 12/22/87 2.1 Tank No. 5 10:00-4:00 2 hours portal to portal . Total 8 hours \$ 600.00 -12/24/87 12/24787 Cut and weld 5-1080 gallon VENDORN . . storage tanks \$1.475.00 PAY DATE 12/18-12/23/87 EXTEN: 100418 9 · Junp out and squagee clear a a tallon. fuel oil storage tank, Seaf Bai lines connected to the tank. Acres \$2000.00-**** 12/22/87-12/23/87 Sand fill all S-1080 gallon fuel oil storage tanks; XUE \$5000,00 -26-57-**,**: 958 H81 52 . ***** on (0V-15-95 MON 14:26 P.02

NOU LE 195 14:23 FROM OZONE INDUSTRIES ATMENTER NOUCHT PAGE.203 Petrsleum Tank Cleaners, Inc. 236 BUTLER STREET, BROOKLYN, N. Y. 11217 TELEPHONE: 534-1448 n an the Materia proves a star Anna an Anna Anna Anna Anna 1 الالالالية المن السيسي الالالالية المن السيسي الالالية الالالية المن المناطقة المن المنطقة المن المنطقة المن ال المنطقة iZ/25/57
Buckfill and re-cament all 5-1080 gallon
fuel oil storage tanks 10:00-4:30
2 hours portal to portal
Total B-1/2 hours
Total price
Tax
All Famle 34444 12/28/87 **\$ 637.50** \$ 11,662.50 1 962.16 \$ 12,624.66 All tanks listed above have been sealed according to all D.E.C., E.P.A and Fire Department regulations for scaling tanks within the city limits of New York City. VI JUW LVIE VIUL

10V-13-95 MOH 14:27

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APPENDIX C

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AGENCY FOIL REQUESTS and RESPONSES

	FIRE DEPARTMENT • CITY OF NEW YORK
	BUREAU OF FIRE PREVENTION 250 Livingston Street—Room 439 1 Brooklyn, N.Y. 11201-5884
nigo erren Méste	RUSH RECORD SEARCH REQUEST FUEL (HEATING) OIL
X = = = 1	MAIL TO: Search No.
denni	EEA, Inc. 55 Hilton Avenue ESA- 95267
and the second	Garden City, New York 11530
	The undersigned requests the following information re: Premises
allow A	ADDRESS (PLACE CILLA LAT 49) BOROUGH
	(101-32 1015+ Street) For Fuel (Heating) Oil Tanks Only
1000 M	1. No. and Size of tanks (includes date of installation) fuel oil, permit #, date of exp. Fee: \$10.00
and the second s	2. No. and Size of sealed and/or removed tanks Pee: \$10.00
	Searched by Date Pending Headquarters violation orders Fact \$10.00
a	(1) Other Records of buried tanks (c.d.e accounts)
	Note: The NYC Fire Department Does Not Conduct Tests on Fuel (Heating) Oil Tanks
2	State Applicants interest in or relation to premises:
electron .	Environmental cosultant to lender on property
	D. D. 13 No record of f-nel oil Permit Signed Dennie Branne No record of f-nel oil Permit Date 11/10/95
10 10 10 10 10 10 10 10 10 10 10 10 10 1	DO NOT WRITE BELOW THIS LINE
Contraction of the second	Gentlemen: In reply to your request concerning the premises mentioned above, please be advised that as of 9 A.M., UP IF IF our records show the following: (MAKE ADDITIONAL COMMENTS ON REVERSE SIDE)
Nieso	No record of fuel oil tanks.
	No record of gas ranks.
an Port	Searched by: all the
and the second se	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

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Environmental Consultants To Industry And Government 55 Hilton Avenue Garden City, New York 11530

Telephone (516) 746-4400 (212) 227-3200

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 <u>address: 101-21 101st Sheet</u> <u>Ozune Park, QUEENS</u> <u>block/lot: Block 9419, Lot 49</u> <u>operator: 020NE Industries</u> (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,

Arm E. Small

Adam E. Small Environmental Researcher

AES:me

EEA ESA # 95267

New York City Department of Environmental Protection

November 16, 1995

EEA, Inc. Attn: Adam E. Small 59-17 Junction Blvd. 55 Hilton Avenue Garden City, New York 11530

RE: 101-21 101 Street

MARILYN GELBER Commissioner

1ARK D. HOFFER

rinted on recycled paper

Corona, New York

718-595-6565 718-595-3525 Fax

11368

Dear Mr. Small:

We hereby acknowledge receipt of your Freedom of Information Law

request received November 14, 1995.

General Counsel Your request is currently being reviewed by our agency, and will be granted **Bureau of Legal Affairs** £718)·595·6555 718) • 595 • 6543 Fax or denied in approximately two weeks.

Very truly yours, thenlette alex for Mane a boales Marie A. Dooley

Assistant Counsel

dt

Log # 951667



Environmental Consultants To Industry And Government 55 Hilton Avenue Garden City, New York 11530

Telephone (516) 746-4400 (212) 227-3200

Mr. William Hewett Regional Records Access Officer NYSDEC- Region 2 47-40 21st Street Long Island City, New York 11101

address: 101-21 1013+ Street Re: FOI Request: Ozone Park, QUEENS block/lot: Block 9419, Lot 49 operator: Ozone Industries (main address 101-32 101=r 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:

	Air	\rightarrow	Bulk Stor	age _		Solid V	Waste
\rightarrow	Hazardous Substance Regulation		H W Remec	liatio	n	Pest:	icide
	egulatory Affairs	<u> </u>	il Spills	-	X	Water/S	SPDES
·	Water/Potable		Fish & Wil	dlife		_ Tidal	Wtlnd
		<u> </u>	Legal Affa	irs			

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, Pon C. Trapane

Ronald C. Trapáne 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

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Environ Andrewski

Supposed and the second se

Identified Toxic Sites by Category

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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/OUNS	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 TRANSPORATION 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 IU3 AVE	1061 feet
41	AUDENC ENDMO DATEM INC		1190 feet
42	QUEENS FARMS DAIRI INC	103-45 981H 51 102-45 68 6m	1209 feet
4.5	LOLLNS FARMS DAIRI INC	103-45 50 51 103-25 67 STREFT	1209 Leet
45	103-45 97 STREET	103-45 97 STREET	1317 feet
WAD 704	nazardous waste Generators, Transport	EIS	NT CR11100
MAR 10#	FAULLITY NAME	FACILITI STREEL	DISTANCE
40 A7	SAL CON THE	101-32 10178 SIKEET 67-31 10300 000000	00 IEET
19	SUDERCEAR AUTO COLLETON C REPAIR	7/741 10131 318841 87_87 18874 878757	040 IEEC 665 foot
40	NOCHES MANUESCENDING CO. INC.	3/5V/ 10010 318651 103_11 0000 CT	003 TAGC
50	NATH LINE ANTO COLLECTON INC.	103-11 JOIN JI 103-12 10157 ST	006 faat
51	DECIDITE ACTO CONTINUE	105-17 101 ST 31 105-17 101 ST 31/FNUE3TT TONY	1022 feet
~+ 52	REMEDY REMOVAL INC	103-21 1047H STREET	1145 feet
53	S O S AUTO BODY INC	95-20 98TH ST	1226 feet
NDD TO#	Chemical Bulk Storage Facilities	53/771 ITV 640667	DI CTANOT
54	ACTUILI NAME AZANE INDUSTRIES INC	INI-32 INIST ST	77 Foot
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	HAZARDOUS MA	TERIAL SPI	LLS IDENTI	FIED WITHIN	1/2 MILE	SEARCH RA	ADIUS *							
Map Identification	Number 1 2 101ST ST.	101-32 1	LOIST ST./C NEW YORK	DZONE IN CITY, NY	NO ZIP 1	PROVIDED	s C	pill Num lean up	ber 87 date -	0 4844 11/04/1	St 993 PE	:atus: UN 35 Number	iKNOWN 348155	
MAP LOCATION INFORM Site location mappe Approximate distance	ATION ed by: ADDRE: ce from prope	SS MATCHING erty: 73) feet		ADDRESS C Revised s Revised z	HANGE INF treet: 10 ip code:	ORMATIO 132 101 NO CHAN	N ST ST. GE						
Facility type: COMM	ERCIAL FACI	LITY - NO H	PETROLEUM E	OR SALE	DEC Inves	tigator:	BATTIST	A D	EC not	ified by	: TANK	TESTER		
MATERIAL SPILLED	SPILL DATE	QUANTITY SPILLED	QUANTITY RECOVERED	SPILL UNITS	SPILL CAUSE		RES AFF	OURCE ECTED		PETROL TYPE	EUM	OTHER M SPILLED	1AT)	
PETROLEUM	09/10/198	7 -1	0	NONE	TANK TEST	FAILURE	GRO	UNDWATER		#2 FUE	L			
Toxicity Informatic	on Summary													
CHEMICAL NAME		- <u></u>	u 44 de esperante de esperante de	CAS-NO	ACI T(UTE TUM DX TO	IOR MU X TO	TAG REI	PRO I	IRRIT TOX	MCL			
#2 FUEL				68476302		x x				X				
Map Identification 101-3	Number 2 2 101ST ST.	101-32 1	.01st st./c New York	ZONE IN CITY, NY	NO ZIP H	PROVIDED	S] C.	pill Num lean up (ber 87 (date -	04883 10/07/1	St 992 PE	atus: UN 35 Number	IKNOWN 348155	
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HAZARDOUS MATERIAL	09/11/1987	7 0	0	NONE	TANK TEST	FAILURE	GRO	UNDWATER		NONE G	IVEN	TRICHLC	ROETHYL	ENE

* 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: Regulation: Violation Type: WASTE WASTE WASTE WASTE TRANSACTION YEAR CODE DESCRIPTION AMOUNT UNITS TYPE D007 Chromium 55 GALLONS GENERATED 94 Spent halogenated solvents used in degreasing F001 220 GALLONS GENERATED 94 Solid waste that exhibits the characteristic of corrosivity D002 110 GALLONS GENERATED 93 D003 Solid waste that exhibits the characteristic of reactivity 25 POUNDS GENERATED 93 Solid waste that exhibits the characteristic of ignitability D001 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 ______

Page 23

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Class of Violation File: CEVIOL Segment: CE_VIxOL2 Field: CEV_CLAS

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Data Element Name	Class of Violation									
FOCUS Field Name	CEV_CLAS	FOCUS Alias Name	VCLASS							
Text Description	Code indicating the rela evaluation or the pendir included or expanded or the Enforcement Respo inspection or evaluation person reviewing the in: Note: A specific viol users by: Class elements.	 le indicating the relative severity of the violation discovered as a result of an justion or the pending nature of a potential violation. This definition may be uded or expanded on in a state's grant agreement with the US EPA Region Enforcement Response Policy. The determination of class may be part of the tection or evaluation report prepared by the person identifying the violation son reviewing the inspection or evaluation report. te: A specific violation detected in an evaluation is uniquely identified to users by: Class of Violation, Area of Violation, and Regulation Violat elements. 								
Core	Y If Class I Violation									
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Allowed Values	 Class 1. Deviation consent agreement failure to: (a) Assure that he treatment, stop (b) Prevent releas and any applic appropriate; (c) Assure early (d) Perform eme releases. Class 2. Any vion above for Class 1 of Subject to determinavailable. (see School 	ins from regulations, or provisions of co s, consent decrees or permit conditions azardous waste is destined for and delivorage, or disposal facilities (TSDFs); or ses of hazardous waste or constituents, cable post- closure periods of the facilit or detection of such releases; or rgency clean-up operation or other corr lation of a RCRA requirement that does folations. slation File record represents a pending nation when lab sample results or legal c edule Response Date definition when C	empliance orders, which could result in a vered to authorized both during the active y operation where ective action for s not meet the criteria or potential violation letermination becomes lass of Violation is 'P').							
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_____ * PETROLEUM BULK STORAGE FACILITIES LESS THAN 400,000 GALLONS IDENTIFIED WITHIN THE 1/4 MILE SEARCH RADIUS *

Map Identification Number 34 OZONE INDUSTRIES INC Facility Id 2-348155 101-32 101ST STREET OZONE PARK, NY 11416 MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION MAP LOCATION INFORMATIONADDRESS MATCHINGADDRESS CHANGE INFORMATIONSite location mapped by: ADDRESS MATCHINGRevised street: 10132 101ST STREETApproximate distance from property: 68feetRevised zip code: NO CHANGE CAPACITY TANK INSTALL TEST TANK TANK TANK CONTENT NUMBER STATUS GALLONS LOCATION DATE DATE 1 CLOSED-IN PLACE OTHER 2000 UNDERGROUND 12/57 03/92 2000 UNDERGROUND 2500 UNDERGROUND 1080 UNDERGROUND 2-CLOSED BEFORE 4/1/91 #1 2 OR 4 FUEL OIL 12/57 3-CLOSED BEFORE 4/1/91 #1 2 OR 4 FUEL OIL 12/67 11/87 CLOSED BEFORE 4/1/91 12/68 5 #1 2 OR 4 FUEL OIL 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 12/57CLOSED BEFORE 4/1/91 1080 UNDERGROUND 9 -OTHER 12/67 Map Identification Number 35 JACMOR TRANSPORATION INC Facility Id 2-083275 97-26 99TH STREET OZONE PARK, NY 11420 MAP LOCATION INFORMATION ADDRESS CHANGE INFORMATION Site location mapped by: ADDRESS MATCHINGRevised street: 9726 99TH STREETApproximate distance from property: 732feetRevised zip code: 11416 CAPACITY TANK TANK TANK INSTALL TEST TANK GALLONS LOCATION DATE NUMBER STATUS CONTENT DATE 00/00 1 IN SERVICE UNLEADED GASOLINE 1000 UNDERGROUND 2 IN SERVICE UNLEADED GASOLINE 550 UNDERGROUND 00/00 275 ABOVEGROUND 3 #1 2 OR 4 FUEL OIL 00/00 IN SERVICE Toxicity Information Summary CHEMICAL NAME CAS-NO ACUTE TUMOR MUTAG REPRO IRRIT MCL τοχ τοχ τοχ TOX TOX UNLEADED GASOLINE 113373000 х Х х

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Copyright 1995 by Toxics Ta	rgeting, Inc No	ovember 10, 1	1995	101-	-21 101st	: St		Page 2	7			
	STORAGE FACILITI	LES IDENTIFIE	ED WITHIN 1	/4 MILE SE	ARCH RAD	IUS *						
Map Identification Number 5	4 OZONE INDU 101-32	J STRIES INC. 2 101ST ST.		0	ZONE PARE	Facility (, NY 114	16 16 2-0 0	0073				
MAP Identification Number 5 MAP LOCATION INFORMATION Site location mapped by: AD Approximate distance from p	4 OZONE INDU 101-32 DRESS MATCHING roperty: 73 f	J STRIES INC. 2 101ST ST. Re Seet Re	ADDRESS CH evised stree evised zip (O ANGE INFOR et: 10132 : code: NO CI	ZONE PARE MATION 101ST ST HANGE	Facility (, NY 114	16 2-0 0	10073				
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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

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	1
SCOPE OF WORK	1
SAMPLING METHODOLOGY a. Soll Borings b. Quality Assurance and Control	2 2 2
RESULTS OF LABORATORY ANALYSES	3
FINDINGS AND CONCLUSIONS	3
RECOMMENDATIONS	4
Tables 1 through 4	

APPENDIX: Chain-of-Custody Record Laboratory Data Sheets Soll Boring Report Logs

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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).

• <u>Interior Floor Vault</u>

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. <u>Soil Borings</u>

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 (6inch) 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 splitspoon 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. <u>Quality Assurance and Control</u>

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.

101-21 101st Street - 2 -

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

• <u>Exterior Drainage Structures</u>

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.

101-21 101st Street - 3 -

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.

- <u>Underground Storage Tanks</u>
- Former Trichloroethene Tank

Results of laboratory analyses for soil samples collected from around the tank show low concentrations of Trichloroethene (B-4, 180 μ g/kg, and B-6, 5.2 μ g/kg) and 1,1,1 Trichloroethane (B-4, 13 μ g/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 μ g/kg for Trichloroethene and 800 μ g/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.

101-21 101st Street - 4 -

EEA Inc. 55 Hilton Avenue Garden City, New York

Sample Collection Locations



TABLE 1

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TOTAL PETROLEUM HYDROCARBONS (TPHC) USEPA METHOD 418.1

S	ample 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

	Sa	mple Collect	tion Location	and Depth
Analytical Parameters (μg/kg)	B-4 7-9 ft	B-5 7-9 ft	B-6 7-9 ft	NYSDEC ¹ Recommended Cleanup Objectives (TAGM)
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

	Sar	nple Collect	ion Location	and Depth
Analytical Parameters (µg/kg)	8-4 7-9 ft	B-5 7-9 ft	B-6 7-9 ft	NYSDEC ¹ Recommended Cleanup Objectives (TAGM)
p Dichlorobenzene	ND	ND	ND	1,600
o Dichlorobenzene	ND	ND	ND	8,500
Dichlorodifluomethane	ND	ND	ND	NA

 $\mu g/kg$ - 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

	Semple Collection	n Location and Depth
Analytical Parameters (µg/kg)	B-10 12-14	NYSDEC' Recommended Cleanup Soil Guidelines (TAGM)
Chloromethane	ND	1,900
Vinyl Chloride	ND	200
Bromomethane	ND	NA
Chloroethane	ND	1,900
1,1 Dichloroethene	ND	400
Methylene Chloride	ND	100
t-1,2-Dichloroethene	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
Chiorobenzene	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

	Sample Collection Location and Dep								
Analytical Parameters (µg/kg)	B-10 12-14	NYSDEC ¹ Recommended Cleanup Soil Guidelines (TAGM)							
Bromoform	ND	NA							
1122Tetrachloroethane	ND	600							
Vinyl Acetate	ND	NA							

 $\mu g/kg$ - 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)

			An	alytical Parame	ters (mg/l	kg)		
Sample Collection Location and Depth	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

.

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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

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Chain of Custody Record

page #: _____ of _____

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NYTEST ENVIRONMENTAL, INC.

REPORT OF ANALYSIS

We find as follows :

Log In No : 25808

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Results in mg/Kg(dry basis) :

Parameter(s)

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Sample Identification	Total Petroleum Hydrocarbons
Soil Method Blank	10 U
Soil Method Detection Limit	10

LAB ID	CLIENT ID	
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 Rhvironmental inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	WATER	SAMPLE ID:	84
CONC. LEVEL:	LOW	LAB ID:	2580805
DATE RECEIVED:	12/01/95	DIL FACTOR:	5.00
DATE ANALYZED:	12/04/95	MOISTURE:	5
		UG/L	

CHPD # CAS Number

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Contraction of the

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1	I	74-87-3	1	Chloromethane		5.3	U	•
2	ļ	74-83-9	I	Bromomethane	t	5.3	Ψ	ł
3	ł	75-01-4	I	Vinyl Chloride	1	5.3	U	I
4	ł	75-00-3	I	Chlorosthane	F	5.3	υ	i
5	I	75-09-2	ŧ	Methylene Chloride	1	14.0	B	I
6	I	75-35-4	I	1,1-Dichlorosthens	ł	5.3	υ	ļ
7	ł	75-34-3	ł	1.1-Dichloroethane	1	5.3	U	I
8	۱	156-60-5	I	trans-1,2-Dichlorostheme	1	5.3	U	I
9	ł	67-66-3	ł	Chloroform	1	5.3	U	1
10	l	107-06-2	1	1,2-Dichlorosthane	ł	5.3	U	ł
11	I	71-55-6	T	1,1,1-Trichlorosthane	1	13.0		ł
12	l	\$6-23-5		Carbon Tetrachloride	l	5.3	U	I
£3	I	75-27-4	ł	Bromodichloromethane	1	5.3	U	I
14	ł	78-87-5	ł	1,2-Dichloropropane	l	5.3	υ	ł
15	I	10061-01-5	1	cis-1,3-Dichloropropens	1	5.3	υ	1
16	Ī	79-01-6	T	Trichloroethene	l	140.0		
17	ł	124-48-1	I	Dibromochloromethane	1	5.3	υ	F
18	1	79-00-5	ł	1, 1, 2-Trichlorosthans	1	5.3	υ	1
19	l	10061-02-6	I	trens-1, 3-Dichloropropens	1	5.3	U	I
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21	ł	79-34-5	i	1, 1, 2, 2-Tetrachloroethane	1	5.1	U	ł
22	ŧ	108-90-7	1	Chlorobenzene	Į	5.3	υ	1
23	ł	75-71-8	I	Dichlorodifluoromethane	1	5.3	U	I
24	L	75-69-4	ł	Trichlorofluoromethane	1	5.3	U	1
25	L	95-50-1	ſ	1,2-Dichlorobenzene	ł	5.3	U	1
26	L	541-73-1	ļ	1,3-Dichlorobenzene	1	5.3	U	1
27	I	105-46-7	ł	1,4-Dichlorobenzene	ł	5.3	U	į
28	L	75-25-2	t	Bromoform	1	5.3	υ	ł
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REV 06/95

6010 - FORM 1 Nytest environmental inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

BAMPLE NATRIX:	WATER	SAMPL 3	ID:	B6
CONC. LEVEL:	LOW	LAB	ID:	2580807
DATE RECEIVED:	12/01/95	DIL FAC	TOR:	1.00
DATE ANALYZED:	12/04/95	1 NOIST	UPLEI	3
			UG ,	/L

CMPD # CAS Number VOLATILE COMPOUNDS

					_
1	74-87-3	Chloromethane	1	1.0 V	1
2	74-83-9	Bromomethane	I	1,0 U	Į
3	75-01-4	Vinyl Chlorida		1.0 U	ł
4	75-00-3	Chloroethane	ł	1.0 U	ļ
5	75-09-2	Methylene Chloride	ł	1'8 B	I
6	75-35-4	1,1-Dichlorosthans	1	1.0 U	I
7	75-34-3	1,1-Dichloroethane	1	1.0 U	I
8	156-60-5	trans-1,2-Dichlorostheme	1	1.0 V	ł
9	67-66-3	Chloroform	l	1.0 U	
10	107-06-2	1,2-Dichlorosthane	1	1.0 U	ł
11	71-55-6	1,1,1.Trichloroathans	1	1.0 U	I
12	56-23-5	Carbon Tetrachloride	1	1.0 U	I
13	75-27-4	Bromodichloromethane	l	1.0 U	1
14	78-87-5	1,2-Dichloropropane	I	1.0 U	l
15	10061-01-5	cis-1,3-Dichloropropens	ł	1.0 U	Į
16	79-01-6	Trichlorosthene	1	\$.2	l
17	124-48-1	j Dibromochloromethane	1	1.0 U	1
18	79-00-5	1,1,2-Trichlorosthane	I	1.0 U	1
19	10061-02-6	trans-1,3-Dichloropropens	ł	1.0 U	I
20	127-18-4	Tetrachloroethene	1	1.0 U]
21	79-34-5	1,1,2,2-Tetrachloroathane	1	1.0 U	ł
22	108-90-7	Chlorobenzene	1	1.0 U	1
23	75-71-8	Dichlorodifluoromethane	ŧ.	1.0 U	ł
24	75-69-4	Trichlorofluoromethane	I	1.0 U	1
25	95-50-1	1,2-Dichlorobenzene	1	1.0 U	ł
26	541-73-1	1,3-Dichlorobenzene	1	1.0 U	ł
27	106-45-7	1,4-Dichlorobenzene	I	1.0 U	ł
28	75-25-2	Bromoform	ł	1.0 U	ŀ
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9010 - FORM 1 Nytest environmental inc.

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VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE MATRIX:	NATER	SAMPLE ID:	BS
CONC. LEVEL:	LOW	LAB ID:	2580806
DATE RECEIVED:	12/01/95	DIL FACTOR:	1.00
DATE ANALYZED:	12/04/95	NCISTURE:	3
		Ua/L	•

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VOLATILE COMPOUNDS

1 74-87-3	Chloromethane	I	1.0 U
2 74-83-9	Brozonethana	1	1.0 U
3 75-01-4	Vinyl Chloride	ł	1.0 U
4 75-00-3	Chloroethane	1	1.0 U
5 75-09-2	Nethylene Chloride	1	1.9 B
6 75-35-4	1,1-Dichlorosthene	1	1.0 U
7 75-34-3	1,1-Dichlorosthane	ł	1.0 U
8 156-60-5	trans-1,2-Dichlorosthene	1	1.0 U
9 67-66-3	Chloroform	1	1.0 U
10 107-06-2	1,2-Dichloroethane	ļ	2.0 0
11 71-55-6	1,1,1-Trichlorosthane	1	1.0 U
12 56-23-5	Carbon Tetrachloride	1	1.0 U
13 75-27-4	Bromodichloromethene	I	1.C.D
14 78-87-5	1,2-Dichloropropans	I	1.0 0
15 10061-01-5	cis-1,3-Dichloropropens	1	1.0 0
16 75-01-6	Trichloroethene	1	1.0 U
17 124-48-1	Dibromochloromethane	ł	1.0 U
18 79-00-5	1,1,2-Trichloroethane	1	1.0 5
19 10061-02-6	trans-1,3-Dichloropropens	1	1.0 0
20 127-18-4	Tetrachloroethens	i	1.0 U
21 79-34-5	1,1,2,2-Tetrachloroethane	1	1.0 U
22 108-90-7	Chlorobenzene	1	1.0 9
23 75-71-6	Dichlorodifluoromethane	1	1.0 U
24 75-69-4	Trichlorofluoromethane	1	1.0 U
25 95-50-1	1,2-Dichlorobenzene	ł	1.0 U
26 541-73-1	1,3-Dichlorobanzene	1	1.0 U
27 105-46-7	1,4-Dichlorobenzene	1	1.0 U
28 75-25-2	Bromoform	1	1.0 U

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REV 06/95

8010 - PORM 1 NYTEST ENVIRONMENTAL INC.

VOLATILE ORGANICS ANALYSIS DATA SHEET

	SAMPLE MATRIX:	WATER	SAMPLE ID:	VBLX45
	CONC. LEVEL:	LOW	LAB ID:	VBLK45
	DATE RECEIVED:	NA	DIL FACTOR:	1.00
	DATE ANALYZED:	12/04/95	V MOISTURE: NA	
			UG/L	
PD #	CAS Number	VOLATILE COMPOUNDS		
1	74-87-3	Chloromethane		1.0 U
2	74-83-9	Bromomethane	1	1.0 0
•	1 75-01-4	Vinvl Chloride	1	1.0 0

2	1	74+83-9	promose citatia	1		1
3	İ	75-01-4	Vinyl Chloride	1	1.0 U	1
4	1	75-00-3	Chloroethane	1	1.0 U	L
5	I	75-09-2	Methylene Chloride		1.8	I
5	Ì	75-35-4	1,1-Dichlorosthene	1	1.0 U	l
7	1	75-34-3	1,1-Dichloroethane	1	1.0 V	L
8	I	156-50-5	trans-1,2-Dichloroethens	1	2.0 V	L
9	ł	67-66-3	Chloroform	1	1.0 8	I
10	1	107-06-2	1,2-Dichlorosthane	1	1.0 0	I
11	i	71-55-6	1,1,1-Trichloroethane	1	1.0 U	t
12	1	56-23-5	Carbon Tetrachloride	1	1.0 U	T
13	1	75-27-4	Bromodichloromathane	ł	1.0 0	I
16	1	78-87-5	1,2-Dichloropropane	l	1.0 U	ł
15	1	18061-01-5	cis-1,3-Dichloropropens	1	1.0 U	I
16	I	79-01-6	Trichlorosthens	1	1.0 0	l
17	1	124-48-1	Dibromochloromethane	1	1.0 U	ł
18	1	79-00-5	1,1,2-Trichlorosthane	1	1.0 U	ł
19	1	10061-02-6	trans-1,3-Dichloropropana	1	1.0 U	ł
20	1	127-13-4	Tetrachlorvethene	I	1.0 U	ļ
21	1	79-34-5	1,1,2,2-Tetrachlorosthane	1	1.0 U	ł
22	I	178-90-7	Chlorobenzene	l	1.0 0	l
23	ł	75-71-8	Dichlorodifluoromethane	1	1.0 U	ł
24	ļ	75-69-4	Trichlorofluoromethane	1	1.0 U	1
25	ł	95-50-1	1,2-Dichlorobenzene	1	1.0 0	ł
26	ţ	541-73-1	1,3-Dichlorobenzene	1	1.0 U	۱
27	i	106-46-7	1,4-Dichlorobenzena	1	1.0 U	1
28	ļ	75-25-2	Bromoform	1	1.0 U	ł
	ł		l			_1

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CNPD #

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COMPOUND

EPA SAMPLE NO.

VOLATILE ORGANICS AWALYSIS DATA SHEET

Contract: 9522082

B10

Lab Code: NYTEST Case No.: 25808 SAS No.:

Matrix: (soil/water) SOIL

Lab Name: NYTEST ENV INC

Sample wt/vol: 5.0 (g/mL) G

Level: (low/med) LOW

% Moisture: not dec. 5

CAS NO.

Column: (pack/cap) CAP

: SDG No.: 25808 Lab Sample ID: 2580811 Lab File ID: N5514.D

Date Received: 12/01/95

Data Analyzed: 12/05/95

Dilution Factor: 1.0

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Q

74-87-3Chloromethane	10	U
74-83-9Bromomethane	10	U
75-01-4Vinyl Chloride	10	U
75-00-3Chloroethane	10	U
75-09-2Methylene Chloride	12	В
67-64-1Acetone	6	JB
75-15-0Carbon Disulfide	10	U
75-35-41,1-Dichloroethene	10	U
75-34-31,1-Dichloroethane	10	U
540-59-01,2-Dichloroethene (total)	10	U
67-66-3Chloroform	10	υ
107-06-21,2-Dichloroethane	10	U
78-93-32-Butanone	10	U
71-55-61,1,1-Trichloroethane	10	U
56-23-5Carbon Tetrachloride	10	U
75-27-4Brcmodichloromethane	10	U
78-87-51,2-Dichloropropane	10	U
10061-01-5cis-1,3-Dichloropropene	10	U
79-01-6Trichiorcethene	2	J
124-48-1Dibromochloromethane	10	ប
79-00-51,1,2-Trichlorcethane	10	U
71-43-2Benzene	10	U
10061-02-6trans-1,3-Dichloropropene	10	U
75-25-2Bromoform	10	U
108-10-14-Methyl-2-Pentanone	10	U
591-78-62-Hexanone	10	ប
127-18-4Tetrachloroethene	1	J
79-34-51,1,2,2-Tetrachloroethane	10	U
108-88-3Toluene	10	ប
108-90-7Chlorobenzene	10	U
100-41-4Ethylbenzene	10	U
100-42-5Styrene	10	ט
1330-20-7Xylene (total)	10	U
108-05-4Vinyl Acetate	10	ប
		.

FORM I VOA

SW846 METHOD 8240A

REF-RR-AD MER RD:2A NU VITERI ENATKONUEVIUE ING IDIRRADISIA

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H.05

EPA SAMPLE NO.

VBLKN53

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: NYTEST ENV INC

Lab Code: NYTEST Case No.: 25808 SAS No.:

Matrix: (soil/water) SOIL

Sample wt/vol: 5.0 (g/mL) G

Level: (low/med) LOW

% Moisture: not dec. 0

Column: (pack/cap) CAP

Contract: 9522082

SDG No.: 25808

Lab Sample ID: VBLKN53

Lab File ID: N5502.D

Date Received: 00/00/00

Data Analyzed: 12/04/95

Dilution Factor: 1.0

CAS NO. COM

COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

Q

74-87-3Chloromethane	10	U
74-83-9Bromomethane	10	U
75-01-4Vinyl Chloride	10	ប
75-00-3Chloroethane	10	U
75-09-2Methylene Chloride	10	
67-64-1Acetone	5	J
75-15-0Carbon Disulfide	10	ט
75-35-41,1-Dichloroethene	10	U U
75-34-31,1-Dichloroethane	10	U
540-59-01,2-Dichloroethene (total)	10	ן ט
67-66-3Chloroform	10	U
107-06-21, 2-Dichloroethane	10	U U
78-93-32-Butanone	10	ט
71-55-61, 1, 1-Trichloroethane	10	ט ו
56-23-5Carbon Tetrachloride	10	U U
75-27-4Bromodichloromethane	10	ט
78-87-51,2-Dichloropropane	10	ן ע
10061-01-5cis-1,3-Dichloropropene	10	ט
79-01-6Trichloroethene	10	ן די א
124-48-1Dibromochloromethane	10	ט
79-00-51,1,2-Trichloroethane	10	ט
71-43-2Benzene	10	ע ו
10061-02-6trans-1, 3-Dichloropropene	10	ע ו
75-25-2Bromoform	10	U
108-10-14-Methyl-2-Pentanone	10	ן ט
591-78-62-Hexanone	10	ט
127-18-4Tetrachloroethene	10	U U
79-34-51,1,2,2-Tetrachloroethane	10	ע ו
108-88-3Toluene	10	ע ו
108-90-7Chlorobenzene	10	U
100-41-4Ethylbenzene	10	U
100-42-5Styrene	10	Ū
1330-20-7Xylene (total)	10	U
108-05-4Vinyl Acetate	10	Ū
•		
╵ ╶╶╔╴╸ ╶╶╴╵┈┲╼╼ _{┲┲} ┍┲╸┍╴╴╴╴╼╼╼ _┲ ┍┎┙┙╋╗╝╝╝╝╗╗╗╗╗╗╗╗╗╗╗╗╗		· · · · · · · · · · · · · · · · · · ·

1. 7.1986 7:10 FROM FINNE REPORT PAGE : 1 This is a final report. The results have been checked and authorized for release. RET Bate : Dec 06 93 ATTH: TON PETRELLA NEI # : 80-9504-0100 P.0.# : 60 SEAVIEN BLUD. BOX 1518 Grder# : 69711 PORT WASHINGTON, NY 11050 Ref TASKE 30 LOCIME 23808 NET Sample #: 529869 Sampled : 12/01/95 Location : SOIL 25808-11 Date Received : 12/04/95 Client IB :: Sampler : See Chain of Custody Test Description Results Units Test Nethod ********* ----------Solids, Total (%) by CLIENT on 12/04/95 STD NETHOD # 25400 8 Total Solids 94.0 Corvent: All applicable results for this semple reported on dry weight basis Bliver by J. PRATE on 12/05/95 EP8 # 6010 ¢ 0.527 Silver ng/kg Irsenic (Graphite Analysis) by THOMAS E. SACKETT on 12/05/95 EP# # 7060 Arsenic C Ø. 211 na/kg Series by J. PRAIT on 12/05/95 EPA # 6010 Barium 16.5 ng/kg Ladritori by J. PRATY on 12/03/95 EPR 4 6010 Cadmin < 0.264 ng/kg Promium as Cr by J. PRATT on 17/03/95 EPA # 6010 ng/ka 4.30 Chronitun

< 0.105

12/5/95

12/5/95

9.32

EPA # 7471

EPA # 3050

EPA # 3050

EPR # 6010

ng/kg

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P. 2

fercury by R.V. PATHAK on 12/96/95

HelaE Digestion by TANIKA D. THOMAS on 12/05/95

letal Bigestion, Furnace by TANIKA D. THOMAS on 12/05/95

Hercury

Lesd

Netal Digestion

Hetel Digestion

and by J. PRATE on 12/05/95

DEC-RO-23 HED	OCTAT LU HEIEOF	EINY A NUMBER OF ME.	THR TOTODSATELA	~ ~	r.v.
FROM		1. 7.1986	7:11	P. 3	

FEMAL" REPORT

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This is a final report. The results have been checked and authorized for release.

HEI		Dato : Dec 06 95			
AITH: JON PETRELLA		XEI # : 80-0504-010	Ô		
60 SERVIEN BLVD.		P.O.# :	Ċ		
BOX 1518		Order# : 69711			
PORT WASHINGTON, WY 11050					
Ret TASKE 30 LOCIME 25808					
#11 Sample #: 529869	Sampled : 12/01/95				
Location : SUIL 25608-11	1	Nate Received = 12/04/95			
lient ID :	ł	Sampler : See Chain of Custo	Øy		
lest Description	Results	Units Test Nethod			
**********		***** ******			
Selenium - Graphite Furnace by THOMAS E. SACKETT	on 12/05/95	EPA # 7740			
Selenian	< 9.211	ng/kg			

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PAGE

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Units Fest Nethod

FINAL REPORT

This is a final report. This is a final report. The results have been checked and authorized for release.

	KEI	Date : Dec 06-95
	ATTN: TON PETKELLA	NEI # : 80-0504-0100
	60 STAVIEN BLVD.	₽.0. • · · ·
	BOX 1516	Order# : 69711
	PORT MASHINGTON, NY 11050	
	Ret TASKA JO LOGINA 23808	
El Sample #:	529869	Sampled : \$2/01/95
.ocation ;	9011 23804-11	Date Received : 12/04/95
11ient 15 :		Seepler : See Chain of Custody
		,

Test Description

End of Report

Results

this report for order 69711 is certified by Çel Rocha J. Alessandro, Ph.D.

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Laboratory Director MEI of Pennsylvania, Inc.

Lab Certifications:

PA - 46-007	KJ - 77012	AL - 40300	HD - 136	VA - 00023
SC - 89093	#W - 9912(C)	05 - P 8020	ND - R-018	NC - 433
NT - 0054	NYDON - 11136			
Florida Comprehe	nsive DAP # 9201546			

Tennessee Bivision of Underground Storage

Energy and Environmental Analysts, Inc.

55 HILTON AVENUE, GARDEN CITY, NEW YORK

SOIL BORING REPORT LOG

DATE	DATE 12-1-95 SHEET 1 OF 1							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						
REMA	REMARKS Abondoned 2500 gal Fuel Oil Tank PROJECT # 95739							95739				
DRILLI	DRILLING CONTRACTER TSDT, INC. LOGGED BY NJR DRILLER PR											
EQUIPMENT SOIL SAMPLER			DEVICE		MONITOR WELL SPECIFICATIONS			DRILL RIG				
		AMPLER	Tripod					DRILL METHOD				
Т	YPE	ST	D	Assembly					Portable			
S	IZE	2		2 incl	2 inch			Tripod A apombly				
SURFA	CE ELEV	ATION I	NA	SURFAC	E CON	DITIONS Wood	d Flooring overl	ying Concrete	Assembly			
WATER	r Level (N OPEN E	BOREHOL	E) no v	vater	encountere	d					
DEPTH	SAMPLE	DEPTH	OVA/PIC READING	s moisture	STRAT	SOIL - R	OCK DESCR	IPTION - CLA	SSIFICATIONS			
	S-1	1_2	0	Dry	0.8	Wood	Flooring o	ver Concre	ete			
		<u> </u>			-	Brown-Ta	n Fine-Me	dium SANI	D trace gravel			
5	5-2	3-5	0						Ŭ			
	S-3	5-7	0									
·····	S-4	7-9	0					V				
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	Energy and Environmental Analysts, Inc. 55 HILTON AVENUE, GARDEN CITY, NEW YORK											
	SOIL BORING REPORT LOG											
DATE	12-1-9	95				<u>, ,,,, , , , , , , , , , , , , , , , ,</u>			SHEET 1 OF 1			
CLIENT	CLIENT Amster Novelty Company c/o Stadtmuer Bailkin LLP											
PROJE	CT LOCA	TION 10	1-21 10)1st Stre	et, Oz	one Park,	New York		B-2			
REMARKS Abondoned 2500 gal Fuel Oil Tank PROJECT # 95739												
DRILLIN	NG CONT	RACTER	TS	DT,INC.		LOGGED	BY NJR	DRILL	er Pr			
				DEVIC	E	MONITOR V	VELL SPECIF	ICATIONS	DRILL RIG			
FOU	PMENI	SOIL S	IL SAMPLER Tripod						DRILL METHOD			
T	YPE	ST	TD Assemb		bly				Portable			
S	IZE	2		2 inct	n				Tripod			
SURFA	URFACE ELEVATION NA SURFACE COND						l Flooring overly	ing Concrete	Assembly			
WATEF	R LEVEL (I	N OPEN E	BOREHOL	E) no v	vater e	encountere	d					
DEPTH	SAMPLE	DEPTH	OVA/PID READING		STRATA	SOIL - R	OCK DESCRI	PTION - CLA	SSIFICATIONS			
	S-1	1.3	0	Dry	0.8	Wood	Flooring ov	ver Concre	ete			
	<u> </u>	<u> </u>			-	Brown-Ta	n Fine-Mea	lium SANI	D trace gravel			
5	3-2	<u>3-0</u>	<u> </u>		1			1	_			
	<u>S-3</u>	5-7	0		₹ - -							
	S-4	7-9	0					Y				
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DATE	12-1-	95								SHEET 1 OF 1
CLIENT	r Ams	ter Nove	elty Com	npany c/o	o Stac	Itmuer Baill	kin LLP	I		LOCATION ID#
PROJE	CT LOCA	TION 10)1-21 1(O1st Stre	et, O	zone Park,	New Y	ork		B-3
REMAR	RKS A	bondone	ed 2500) gal Fue	I Oil T	ank			PROJECT #	95739
DRILLI	NG CONT		LOGGE	DBY N	IJR	DRILL	.er Pr			
500		0011.0		DEVIC)E	MONITOR WELL SPECIFICATIONS			ICATIONS	DRILL RIG
EQU	IPMENT	SUIL S	AMPLER	Tripo	d					DRILL METHOD
Т	YPE	ST	D	Assem	bly					Portable
S	IZE	2	2	2 inch	ו					Tripod
SURFA	CE ELEV	ATION I	NA	SURFAC	E CON	DITIONS Wood	d Flooring (overly	ng Concrete	Assembly
WATE	r Level (IN OPEN I	BOREHOL	E) no v	vater	encountere	d			
DEPTH	SAMPLE	DEPTH	OVA/PIE READING		STRATA	SOIL - R	OCK DE	SCRI		ASSIFICATIONS
	<u>C 1</u>	4 0	-	Dry	0.8	Wood	Floorin	g ov	er Concre	ete
- <u></u>	3-1	1-3	U			Brown-Ta	n Fine-	Med	ium SAN	D trace gravel
5	<u>S-2</u>	3-5	0							D 1.000 9.010.
	S-3	5-7	0							
	S-4	7-9	0					١	V	
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DATE	12-1-9	95				······································					SHEET 1 OF 1
CLIENT	Amst	er Nove	Ity Com	ipany c/c	o Stad	tmuer Bailk	kin LLI	P			LOCATION ID#
PROJE	CT LOCA	TION 10	1-21 10)1st Stre	et, Oz	one Park,	New `	York			B-4
REMAR	KS Fo	ormer Tr	ichloroe	thlene T	ank				PROJEC	CT #	95739
DRILLI	NG CONT	RACTER	TS	DT,INC.		LOGGED	BY	NJR	DI	RILL	ER PR
FOU	DMENT	SOIL S		DEVIC	ж	MONITOR	WELL S	SPECIF	ICATIO	vs	DRILL RIG
				Tripo	d					DRILL METHOD	
Г	YPE	ST	D	Assem	bly	,					Portable
S	IZE	2		2 inct	ןו						Tripod
SURFA	CE ELEVA	TION 1	A	SURFAC		DITIONS	Conc	rete			лоосных
WATER	R LEVEL (I	N OPEN E	OREHOL	E) no v	vater	encountere	d				
DEPTH	SAMPLE	DEPTH	OVA/PIE READING		STRATA	SOIL - R	OCK D	ESCR	PTION -	CLA	SSIFICATIONS
	S-1	1-3	0	Dry	0.8	Conc	rete				
	S-2	3-5	0		-	Brown-Ta	n Fine	e-Meo	dium S.	ANE) trace gravel
5	<u> </u>	<u> </u>							}		
	3-3	<u>0-/</u>	<u> </u>								
	S-4	7-9	0					~	V		
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DATE	12-1-	95										SHEET 1 OF 1
CLIENT	r Ams	ter Nove	elty Com	npa	any c/	o Stac	dtmuer Baill	kin Ll	_P			LOCATION ID#
PROJE	CT LOCA	TION 10)1-21 1(01	st Str	eet, O	zone Park,	New	York			B-5
REMAR	RKS F	ormer Ti	richloro	etł	nlene	Tank				PRO.	JECT #	95739
DRILLI	NG CONT	RACTER	TS	SD	T,INC	5	LOGGE) BY	NJR		DRILL	ER PR
-014					DEVI	CE	MONITOR	WELL	SPECI	FICAT	IONS	DRILL RIG
EQU	IPMENI	SOILS	AMPLER		Tripod					DRILL METHOD		
Т	YPE	ST	٢D	,	Assem	ıbly						Portable
S	IZE	2	2	<u> </u>	2 inc	h		•				Tripod
SURFA	CE ELEV	ATION I	NA	s	URFAC	E CON	DITIONS	Con	crete			Assembly
WATE	R LEVEL (IN OPEN I	BOREHOL	_E)	no	water	encountere	d				1
DEPTH	SAMPLE	DEPTH	OVA/PIC READING) S	MOISTURI	STRAT	SOIL - R	оск г	DESCR	IPTIO	N - CLA	SSIFICATIONS
			1		Drv	0.8	Conc	rete				
	S-1	1-3	0									
	S-2	3-5	0			-	Brown-Ta	n Fin	e-Me	dium	SAND	D trace gravel
5										1		
	<u>S-3</u>	5-7	0									
	S-4	7-9	0			4				V		
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DATE	12-1-8	95								SHEET 1 OF 1	
CLIENT	Amst	er Novel	Ity Com	pany c/c	Stad	tmuer Bailk	cin LL	P	······	LOCATION ID#	
PROJE		TION 10	1-21 10	1st Stre	et, Oz	one Park,	New	York	·····	B-6	
REMAR	KS Fo	ormer Tr	ichloroe	thlene T	ank		<u>.</u>		PROJECT #	95739	
DRILLI	IG CONTI	RACTER	TS	DT,INC.	····-	LOGGE	D BY	NJR	DRILL	ER PR	
EOU	DMENT			DEVIC	E	MONITOR \	WELL	SPECII	ICATIONS	DRILL RIG	
EUU		301L 3/		Tripo	d	••••			DRILL METHOD		
<u>т</u>	YPE	ST	D	Assem	bly	······································	 			Portable	
S	IZE	2		2 inch	1	·······					
SURFA	CE ELEVA	TION N	NA	SURFACE		DITIONS	Con	crete		ASSCILLARY	
WATEF	R LEVEL (I	N OPEN E	BOREHOL	E) no v	vater	encountere	d	الأناني والمراط			
DEPTH	SAMPLE	DEPTH	OVA/PID READING		STRATA	SOIL - R	оск і	DESCR	IPTION - CL	ASSIFICATIONS	
	S-1	1_3	0		0.8	Conc	rete		······	·····	
	<u> </u>					Brown-Ta	ın Fin	e-Me	dium SAN	D trace gravel	
5	5-2	3-5	<u> </u>							<u> </u>	
	<u>S-3</u>	5-7	0								
	S-4	7-9	0		1	-			Y		
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DATE	12-1-	95						SHEET 1 OF 1
CLIEN	r Ams	ter Nove	lty Com	pany c/	o Stac	Itmuer Bailkin LLP		LOCATION ID#
PROJE	CT LOCA	TION 10	1-21 10	1st Stre	et, O	zone Park, New York		B-7
REMA	RKS ,	Area of I	removed	l 2500-ę	gal fue	el oil tank	PROJECT #	[#] 95739
DRILLI	NG CONT	RACTER	TS	DT,INC.	•	LOGGED BY NJR	DRILL	ER PR
				DEVIC	CE	MONITOR WELL SPEC	DRILL RIG	
EUU	IPMENT	501L 5/	AMPLER	Tripo	d	**		DRILL METHOD
Т	YPE	ST	D	Assem	bly			Portable
S	IZE	2	*******	2 inch				Tripod
SURFA	CE ELEV		A	SURFAC	E CONI	DITIONS Concrete		Assembly
WATE	r level (IN OPEN E	BOREHOL	E) no v	vater	encountered		
DEPTH	SAMPLE	DEPTH	OVA/PID READINGS	MOISTURE	STRATA	SOIL - ROCK DESC	RIPTION - CL	ASSIFICATIONS
	S-1	1_3	0	Dry		Concrete		
	<u> </u>				4	Brown-Tan Fine-Me	dium SAN	D trace gravel
5	3-2	3-5	0			s	ome brick &	& concrete fill
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Energy and Environmental Analysts, Inc.

55 HILTON AVENUE, GARDEN CITY, NEW YORK

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NEW YORK CITY FIRE DEPARTMENT SEARCH REQUEST

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	RECORD SEARCH	REQUEST VAGE TANKS	D/IR(T)
MAIL TO: AquaTerra Ass 49 W. 23rd St New York, NY	essment Services reet, 6th Floor 10010	Search No	040505
The undersigned requests the following in $10/-21/2$	nformation re: Premises 01<5+ Strept	Que	105
ADDRESS		B	DROUGH
For Buried Motor Vehicle Fuel Tank	s Only		
1. No. and Size of tanks	·····		FEE: \$10.00
(2.) No. and Size of sealed and/o	or removed tanks		FEE: \$10,00
3. Most recent tank and/or pip	ing test results, including type of	test performed	FEE: \$10.00
4. History of leaks	• • • • • • • • • • • • • • • • • • • •	•••••••••••••••••••••••••••••••••••••••	FEE: \$10.00
5. Pending Headquarters Viola	ation Orders		FEE: \$10.00
6. Other State Applicants interest in or relatio	n to premises: AquaTerra i	s engaged in an Er	FEE: \$10.00
investigatio	n of the property. BEING SUED NOR IS THERE	ANY INTENTION TO SUE	THE CITY OF NEW YORK)
		Signadi ar	la laller
		Signed.	Unger prover
		Date:	10/26/19
	DO NOT WRITE BELOW	W THIS LINE	
Gentlemen: In reply/to your request concern 20/99 our records show th	ing the premises mentioned above e following: (MAKE ADDITIONAL ON	e, please be advised that as a REVERSE SIDE) RECORD	of 9 A.M.,
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Searched by:S	IRobert Kay	AM	2
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APPENDIX E

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ASBESTOS SAMPLING METHODOLOGY AND LABORATORY RESULTS

ASBESTOS SAMPLING METHODOLOGY AND LABORATORY ANALYSIS

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.

Attn.:

Aquaterra Environmental Services 49 W 23rd St. 6th Floor New York, NY 10010-4206
 The Empire State Building, 350 5th Ave., Suite 15

 New York, NY 10118

 Phone: (212) 290-0051
 Fax: (212) 290-0058



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

Samule	Location	Annearance	Sample	<u>ASB</u> %	ESTOS Type	*/.	<u>NON-AS</u> Fibrous	BESTOS	Non-Fibrous
A-90999-1	FIRST FLOOR SEWING AREA / AIRCELL PIPE INSULATION	Grey/Tan/Black Fibrous Heterogeneous	Teased/Dissolved		None Detected	75.%	Cellulose	20.% 5.%	Matrix Other
A-90999-2	FIRST FLOOR SEWING AREA / AIRCELL PIPE INSULATION	Tan/White Fibrous Heterogeneous	Teased		None Detected	80.%	Celtulose	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 ariago

Approved Signatory

1



Disclaimers. PEM has been known to miss asbeatos in a small percentage of samples which contain asbeatos. 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 daim 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. Prefuested to physically separate and analyze layered samples.

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

48 HR TURNAROUND PLM AnalysiS

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TOTAL NO. OF SAMPLES FOR PROJECT: 2

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SAMPLER'S SIGNATURE:

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

RELINGUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Paul M. Hatcher	10/22/99	4:00 PM	Gulam	0/12/99	6.50 gm

NOTE: PLEASE RETURN SIGNED COPY WITH LABORATORY RESULTS

M117122







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.



Commercial Building Page 2

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 semivolatile 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 (RUSC-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 VTX		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:

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		

Constituents in SSSV in Excess of NYSDOH Matrices

-- 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:

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	

Constituents in IA/AA in Excess of NYSDOH Matrices



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SAMPLE ID	ΜΑΤRΙΧ Α	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.



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 <u>mitigation per the NYSDOH matrix</u>.
- At VTX-SG2/VTX-IA-2, the soil vapor detection of 2,350 ug/m3 and IA concentration of 3.64 ug/m3 requires <u>mitigation per the NYSDOH matrix</u>.
- At VTX-SG3/VTX-IA-3, the soil vapor detection of 1,760 ug/m3 and IA concentration of 1.52 ug/m3 requires <u>mitigation per the NYSDOH matrix</u>.
- At VTX-SG4/VTX-IA-4, the soil vapor detection of 374 ug/m3 and IA concentration of 1.3 ug/m3 requires <u>no further action per the NYSDOH matrix</u>.
- At VTX-SG5/VTX-IA-5, the soil vapor detection of 62.4 ug/m3 and IA concentration of 1.3 ug/m3 requires <u>no further action per the NYSDOH matrix</u>.



TCE

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





TABLES

Table 1 - Summary of Soil Sampling Results 101-21 101st Street Queens, New York VERTEX Project No. 79111

SAMPLE ID					VTX-SB-1 (30.0-3	30.5)		VTX-SB-2 (26.0-2	6.5)		VTX-SB-3 (10.0-10	5)	V	/TX-SB-5 (8.0-	8.5)	1	VTX-SB-6 (23.5	-24.0)
LAB ID:					L2224545-01	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		L2224545-02	,		L2224545-03	•/	-	L2224545-0	5		L2224545-0	6
COLLECTION DATE:	NY-RESC	NY-RESGW	NY-UNRES		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. US	GT (NW)		Adjacent to TCE	UST	Adja	cent to hydraulic e	levator	Adjace	ent to removed	F.O. UST		SW corner of bu	ilding
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	NO	NO	NO	L ND	0.00057	0.00045	ND	0.00050	0.0004.0	ND	0.00074	0.0004.0	ND	0.00004	0.00017	ND	0.00000	0.0004.0
1,1,1,2-Tetrachloroethane	500	0.68	0.68	ND	0.00057	0.00015	ND ND	0.00059	0.00016	ND	0.00071	0.00019		0.00064	0.00017	ND	0.00066	0.00018
1,1,2,2-Tetrachloroethane	NS	NS	NS	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	0.0011	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-Dichloroethene	500 NS	0.33	0.33 NS	ND	0.0011	0.00027	ND	0.0012	0.00028	ND	0.0014	0.00034	ND	0.0013	0.00031	ND ND	0.0013	0.00032
1,2,3-Trichlorobenzene	NS	NS	NS	ND	0.0023	0.00037	ND	0.00033	0.00038	ND	0.0028	0.00025	ND	0.00004	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
1,2,4-1 richlorobenzene	190	NS 3.6	NS 3.6	ND ND	0.0023	0.00031	ND ND	0.0024	0.00032	ND ND	0.0028	0.00039		0.0026	0.00035	ND ND	0.0027	0.00036
1,2-Dibromo-3-chloropropane	NS	NS	NS	ND	0.0034	0.00000	ND	0.0035	0.0012	ND	0.0043	0.0014	ND	0.0039	0.00040	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
,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
,2-Dichloroethane	30 NS	0.02 NS	0.02 NS	ND ND	0.0011	0.00029	ND ND	0.0012	0.0003	ND ND	0.0014	0.00037		0.0013	0.00033	ND ND	0.0013	0.00034
,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
,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
I,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
,3-Dichloropropene. Total	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
I,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
I,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 500	NS 0.12	NS 0.12	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-Hexanone	NS	NS	NS	ND	0.011	0.0013	ND	0.012	0.0014	ND	0.014	0.0002	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
Benzene	NS 44	0.06	0.06	ND	0.0046	0.00013	ND	0.0047	0.0014	ND	0.0057	0.00024		0.0052	0.00015	ND	0.0053	0.0015
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
Bromomethane	NS	NS	NS	ND	0.0023	0.00026	ND	0.0024	0.00023	ND	0.0028	0.00083	ND	0.0032	0.00032	ND	0.0033	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
Chloroethane	NS	NS	NS	ND	0.00037	0.00014	ND	0.00059	0.00015	ND	0.0028	0.00018	ND	0.00064	0.00018	ND	0.0006	0.00017
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
sis-1,2-Dichloropropene	500 NS	0.25 NS	0.25 NS	ND ND	0.0011	0.0002	ND ND	0.0012	0.00021	ND ND	0.0014	0.00025		0.0013	0.00022	ND ND	0.0013	0.00023
Dibromochloromethane	NS	NS	NS	ND	0.0011	0.00016	ND	0.0012	0.00016	ND	0.0014	0.00022	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
thylenzene	390	1	1	0.00016	J 0.0023	0.00039	0.00019	J 0.0024	0.0004	ND	0.0028	0.00049	ND ND	0.0026	0.00044		0.0027	0.00045
Hexachlorobutadiene	NS	NS	NS	ND	0.0046	0.00019	ND	0.0047	0.0002	ND	0.0057	0.00024	ND	0.0052	0.00022	ND	0.0053	0.00022
sopropylbenzene	NS	NS	NS	ND	0.0011	0.00012	ND	0.0012	0.00013	ND	0.0014	0.00016	ND	0.0013	0.00014	ND	0.0013	0.00014
Aethyl tert butyl ether	500	0.93	0.93	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
Vaphthalene	500	12	12	ND	0.0057	0.0026	ND	0.0059	0.0027	ND	0.0071	0.00093	ND	0.0064	0.00084	ND	0.0068	0.00086
n-Butylbenzene	500	12	12	ND	0.0011	0.00019	ND	0.0012	0.0002	ND	0.0014	0.00024	ND	0.0013	0.00022	ND	0.0013	0.00022
Propylbenzene	500	3.9	3.9	ND	0.0011	0.0002	ND	0.0012	0.0002	ND	0.0014	0.00024	ND	0.0013	0.00022	ND	0.0013	0.00023
o-Chlorotoluene	NS	NS	NS	ND	0.0023	0.00022	ND ND	0.0024	0.00022	ND	0.0028	0.00027	ND ND	0.0026	0.00025	ND ND	0.0027	0.00025
p/m-Xylene	NS	NS	NS	0.00066	J 0.0023	0.00064	0.00086	J 0.0024	0.00066	0.00085	J 0.0028	0.00042	0.00073 J	0.0015	0.00030	0.00074	J 0.0027	0.00074
p-Chlorotoluene	NS	NS	NS	ND	0.0023	0.00012	ND	0.0024	0.00013	ND	0.0028	0.00015	ND	0.0026	0.00014	ND	0.0027	0.00014
p-Diethylbenzene	NS	NS	NS	ND	0.0023	0.0002	ND	0.0024	0.00021	ND	0.0028	0.00025	ND	0.0026	0.00023	ND	0.0027	0.00024
o-Isopropyltoluene	NS	NS	NS NS	ND	0.0023	0.00044	ND ND	0.0024	0.00045	ND	0.0028	0.00055		0.0026	0.0005	ND	0.0027	0.00051
ec-Butylbenzene	500	11	11	ND	0.0011	0.00017	ND	0.0012	0.00017	ND	0.0014	0.00021	ND	0.0013	0.00019	ND	0.0013	0.00019
Styrene	NS	NS	NS	ND	0.0011	0.00022	ND	0.0012	0.00023	ND	0.0014	0.00028	ND	0.0013	0.00025	ND	0.0013	0.00026
err-Butylbenzene	500 150	5.9	5.9	ND 0.00056	0.0023	0.00013	ND 0.0003	0.0024	0.00014	ND	0.0028	0.00017		0.0026	0.00015	ND ND	0.0027	0.00016
Foluene	500	0.7	0.7	ND	0.0011	0.00062	ND	0.0012	0.00064	ND	0.0014	0.00077	ND	0.0013	0.0007	ND	0.0013	0.00072
rans-1,2-Dichloroethene	500	0.19	0.19	ND	0.0017	0.00016	ND	0.0018	0.00016	ND	0.0021	0.0002	ND	0.0019	0.00018	ND	0.002	0.00018
rans-1,3-Dichloropropene	NS	NS	NS	ND	0.0011	0.00031	ND	0.0012	0.00032	ND	0.0014	0.00039	ND	0.0013	0.00035	ND	0.0013	0.00036
frichloroethene	200	0.47	0.47	ND	0.0057	0.0016	0.00084	0.00059	0.00017	ND	0.0071	0.002	0.00022 J	0.00064	0.0018	ND	0.00066	0.00019
richlorofluoromethane	NS	NS	NS	ND	0.0046	0.00079	ND	0.0047	0.00082	ND	0.0057	0.00099	ND	0.0052	0.0009	ND	0.0053	0.00092
/inyl acetate	NS	NS	NS	ND	0.011	0.0024	ND	0.012	0.0025	ND	0.014	0.0031	ND	0.013	0.0028	ND	0.013	0.0029
Xylenes, Total	500	1.6	0.02	0.00066	J 0.0011	0.00038	0.00086	J 0.0012	0.0004	0.00085	J 0.0014	0.00048	0.00073 .1	0.0013	0.00043	0.00074	J 0.0013	0.00045
Total VOCs	NS	NS	NS	0.00138		-	0.00219		-	0.00085		-	0.00095 -	-	-	0.00074		-
	-																	

Table 1 - Summary of Soil Sampling Results 101-21 101st Street Queens, New York VERTEX Project No. 79111

									,,,,,									
SAMPLE ID:					VTX-SB-1 (30.0-3	30.5)		VTX-SB-2 (26.0-2	26.5)	VTX	(-SB-3 (10.0-	10.5)		VTX-SB-5 (8.0-8	3.5)		VTX-SB-6 (2	3.5-24.0)
LAB ID:					L2224545-01	1		L2224545-02			L2224545-03	1		L2224545-05			L222454	5-06
	NY-RESC	NY-RESGW	NY-UNRES		5/0/2022			5/0/2022	-		5/10/2022			E/10/2022			5/0/20	22
COLLECTION DATE:	NI-KLOC	NI-KESOW	NI-ONNES		5/9/2022			5/9/2022			5/10/2022			5/10/2022			5/9/20	22
SAMPLE DEPTH:					30.0-30.5			26.0-26.5			10.0-10.5			8.0-8.5			23.5-24	1.0
LOCATION:				A	djacent to F.O. US	ST (NW)		Adjacent to TCE	UST	Adjacent	t to hydraulio	elevator	Adjace	ent to removed	F.O. UST		SW corner of	building
ANALYTE	(ma/ka)	(ma/ka)	(ma/ka)	Conc	Q RL	MDL	Conc	Q RL	MDL	Conc Q	RL	MDL	Conc 0) RL	MDL	Conc	Q RL	MDL
SEMIVOLATILE OPCANICS BY CC/MS	(((
	NO	NO	NO	ND	0.40	0.040	r			1			ND	0.40	0.054			
1,2,4,5-1 etrachiorobenzene	NS NS	NS	INS	ND	0.18	0.018	-	-	-	-	-	-	ND	0.49	0.051	-		-
1,2,4- I richlorobenzene	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	-		-
2.1-Dimethylphenol	NS	NS	NS	ND	0.18	0.058	-						ND	0.49	0.16	-		-
2.4 Dinitrophonol	NS	NG	NS	ND	0.10	0.000		-		-			ND	0.43	0.10			
2,4-Dinitrophenol	NG NG	NO	ING NC	ND	0.04	0.082	-		-				ND	2.3	0.23	-		
2,4-Diriti otoluene	N3	NS NO	IN3	ND	0.18	0.035	-	-	-	-			ND	0.49	0.096	-		
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	0.32	0.33	ND	0.10	0.027		-			-	-	ND	0.7	0.076			
2-Nitroaniline	NS	NIC	NS		0.20	0.027		-	-		-	-	ND	0.7	0.000	-		-
3-Niti Oaniine	IN3	ING NO	ING NO	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	0.14	0.027					-		ND	0.00	0.06	-		
Anthracopo	500	1000	100	ND	0.10	0.022	-		-	-	-	-	ND	0.40	0.005	-		-
Antiliacene	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	-		-
Biphenvl	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 chloroicopropul)othor	NS	NS	NG	ND	0.10	0.024							ND	0.59	0.000			
Bis(2-chlorosopropy)ether	NG NG	NO	NO	ND	0.21	0.03	-				-	-	ND	0.38	0.003			
bis(2-etriyinexyi)phinalate	N3	ING NO	NO NO	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			
Fluorantitiene	500	1000	20	ND	0.19	0.02			-		-	-	ND	0.29	0.030	-		-
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-propulamina	NIC	NC	NC	ND	0.10	0.020		-	-	<u> </u>	-	-		0.40	0.075	-		-
	NO	NO	NO		0.10	0.027	<u> </u>	-	-		-	-		0.49	0.075	-		-
	NS	INS	INS 0.5	ND	0.18	0.026	-	-	-	-	-	-		0.49	0.073	-		-
Pentachiorophenol	6.7	0.8	0.8	ND	0.14	0.038	<u> </u>	-	-		-	-	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	NS	NS	NS	92.8	0.1	NA	86.5	0.1	NA	97.1	0.1	NA	97.3	0.1	NA	89.2	0.1	NA
	-		-															

Notes:

Notes: mg/kg - milligrams per kilogram ND - Not detected NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Italicized text indicates the reporting limit exceeds one or more criteria J - Estimated concentration

Table 2 - Summary of Groundwater Sampling Results 101-21 101st Street Queens, New York VERTEX Project No. 79111

SAMPLE ID: LAB ID:				VTX-TW-1	7		VTX-TW-2	8		VTX-TW-3	9		VTX-T	W-4 45-10		VTX-TW-5			VTX L2224	-TW-6 545-12		B-4W L2224545-13	3
COLLECTION DATE: LOCATION:	NY-AWQS	NY-IOGS-GA	A	5/9/2022 djacent to F.O. Us	ST (NW)	Ad	5/9/2022 jacent to TCE	UST	Adja	5/10/2022 acent to hydraulio	c elevator	A	5/10/20 djacent to fo	022 ormer vault	Adjace	5/10/2022 nt to removed	F.O. UST		5/9/ SW corne	2022 of building	Geotech	5/9/2022 MW in sidewalk al	long 101st
																		-					
ANALYTE VOLATILE ORGANICS BY GC/MS	(ug/l)	(ug/l)	Conc	Q RL	MDL	Conc Q	RL	MDL	Conc	Q RL	MDL	Conc	Q RL	MDL	Conc Q	e RL	MDL	Conc	Q F	RL MDL	Conc	Q RL	MDL
1,1,1,2-Tetrachloroethane	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
1,1,1-Trichloroethane	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
1,1,2,2-Tetrachloroethane	5	5	ND	0.5	0.17	ND	0.5	0.17	ND	0.5	0.17	ND	0.5	0.17	ND	0.5	0.17	ND	0	.5 0.17	ND	0.5	0.17
1,1,2-I richloroethane	1	1	ND	1.5	0.5	ND	1.5	0.5	ND	1.5	0.5	ND	1.5	0.5	ND	1.5	0.5	ND	1	.5 0.5	ND	1.5	0.5
1 1-Dichloroethane	5	5	ND	0.5	0.7	ND	0.5	0.17	ND	0.5	0.7	ND	2.5	0.7	ND	0.5	0.7	ND	2	5 0.17	ND	0.5	0.7
1,1-Dichloropropene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
1,2,3-Trichlorobenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
1,2,3-Trichloropropane	0.04	0.04	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
1,2,4,5-Tetramethylbenzene	5	5	ND	2	0.54	ND	2	0.54	ND	2	0.54	ND	2	0.54	ND	2	0.54	ND		2 0.54	ND	2	0.54
1,2,4-Trichlorobenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
1,2,4- I rimethylbenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
1.2-Dibromoethane	0.004	0.04	ND	2.5	0.7	ND	2.5	0.65	ND	2.5	0.65	ND	2.5	0.65	ND	2.5	0.65	ND	2	2 0.65	ND	2.5	0.7
1.2-Dichlorobenzene	3	3	ND	2.5	0.7	ND	2.5	0.00	ND	2.5	0.00	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.00
1,2-Dichloroethane	0.6	0.6	ND	0.5	0.13	ND	0.5	0.13	ND	0.5	0.13	ND	0.5	0.13	ND	0.5	0.13	ND	C	.5 0.13	ND	0.5	0.13
1,2-Dichloroethene, Total	NS	NS	ND	2.5	0.7	ND	2.5	0.7	1.2	J 2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
1,2-Dichloropropane	1	1	ND	1	0.14	ND	1	0.14	ND	1	0.14	ND	1	0.14	ND	1	0.14	ND		1 0.14	ND	1	0.14
,3,5-Trimethylbenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
,3-Dichlorobenzene	3	3	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
1.3-Dichloropropene Total		C NG		2.5	0.7		2.5	0.1		2.5	0.1		2.5	0.7		2.5	0.7		2	0.7		2.5	0.7
1 4-Dichlorobenzene	3	3	ND	2.5	0.14	ND	2.5	0.14	ND	2.5	0.14	ND	2.5	0.14	ND	2.5	0.14	ND	2	5 0.14	ND	2.5	0.14
1,4-Dioxane	NS	NS	ND	250	61	ND	250	61	ND	250	61	ND	250) 61	ND	250	61	ND	2	50 61	ND	250	61
2,2-Dichloropropane	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
2-Butanone	50	50	ND	5	1.9	ND	5	1.9	ND	5	1.9	ND	5	1.9	ND	5	1.9	ND		5 1.9	ND	5	1.9
2-Hexanone	50	50	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND		5 1	ND	5	1
4-Methyl-2-pentanone	NS	NS	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND		5 1	ND	5	1
Acetone	50	50	1.9	J 5	1.5	ND	5	1.5	ND	5	1.5	2.3	J 5	1.5	ND	5	1.5	1.5	J	5 1.5	ND	5	1.5
Benzene	1	1	ND	0.5	0.16	ND	0.5	0.16	ND	0.5	0.16	ND	0.5	0.16	ND	0.5	0.16	ND	0	5 0.16	ND	0.5	0.16
Bromobenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Bromochloromethane	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Bromodichloromethane	50	50	ND	0.5	0.19	ND	0.5	0.19	ND	0.5	0.19	ND	0.5	0.19	ND	0.5	0.19	ND	C	.5 0.19	ND	0.5	0.19
Bromoform	50	50	ND	2	0.65	ND	2	0.65	ND	2	0.65	ND	2	0.65	ND	2	0.65	ND		2 0.65	ND	2	0.65
Bromomethane	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	2.5 0.7	ND	2.5	0.7
Carbon disulfide	60	60	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND		5 1	ND	5	1
Chlorobenzene	5	5	ND	2.5	0.13	ND	2.5	0.13	ND	2.5	0.13	ND	2.5	0.13	ND	2.5	0.13	ND	2	5 0.13	ND	2.5	0.13
Chloroethane	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Chloroform	7	7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	2.2	J 2.5	0.7
Chloromethane	NS	NS	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
cis-1,2-Dichloroethene	5	5	ND	2.5	0.7	ND	2.5	0.7	1.2	J 2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
cis-1,3-Dichloropropene	0.4	0.4	ND	0.5	0.14	ND	0.5	0.14	ND	0.5	0.14	ND	0.5	0.14	ND	0.5	0.14	ND	0	.5 0.14	ND	0.5	0.14
Dibromochloromethane	50	50	ND	0.5	0.15	ND	0.5	0.15	ND	0.5	0.15	ND	0.5	0.15	ND	0.5	0.15	ND	(.5 0.15	ND	0.5	0.15
Dichlorodifluoromethane	5	5	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND		5 I	ND	5	1
Ethyl ether	NS	NS	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Ethylbenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Hexachlorobutadiene	0.5	0.5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Isopropylbenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Methyl tert butyl ether	10	10	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Methylene chloride	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	2.5 0.7	ND	2.5	0.7
n-Butylbenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	25 0.7	ND	2.5	0.7
n-Propylbenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
o-Chlorotoluene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
o-Xylene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
p/m-Xylene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
p-Chlorotoluene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
p-Diethylbenzene	NS	NS	ND	2	0.7	ND	2	0.7	ND	2	0.7	ND	2	0.7	ND	2	0.7	ND		2 0.7	ND	2	0.7
p-Ethylioluene	5	113	ND	25	0.7	ND	2.5	0.7	ND	25	0.7	ND	25	0.7	ND	2.5	0.7	ND		2 0.7	ND	25	0.7
sec-Butylbenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Styrene	5	930	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
tert-Butylbenzene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
Tetrachloroethene	5	5	0.36	J 0.5	0.18	7.7	0.5	0.18	7.2	0.5	0.18	0.28	J 0.5	0.18	0.27 J	0.5	0.18	4	C	0.5 0.18	0.3	J 0.5	0.18
Toluene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
trans-1,2-Dichloroethene	5	5	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	.5 0.7	ND	2.5	0.7
trans-1,3-Dichloropropene	0.4	0.4	ND	0.5	0.16	ND	0.5	0.16	ND	0.5	0.16	ND	0.5	0.16	ND	0.5	0.16	ND	0	0.16	ND	0.5	0.16
	5	5	0.26	2.5	0.7	76	2.5	0.19	26	2.5	0.19	23	2.5	0.7	75	2.5	0.7	ND 22	2	U./		2.5	0.19
Trichlorofluoromethane	5	5	0.20 ND	25	0.10	ND	2.5	0.10	ND	2.5	0.10	2.3 ND	2.5	0.18	ND	2.5	0.10	ND		.5 0.7	0.90 ND	2.5	0.10
Vinyl acetate	NS	NS	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND	5	1	ND		5 1	ND	5	1
Vinyl chloride	2	2	ND	1	0.07	ND	1	0.07	ND	1	0.07	ND	1	0.07	ND	1	0.07	ND		1 0.07	ND	1	0.07
Xylenes, Total	NS	NS	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2.5	0.7	ND	2	0.7	ND	2.5	0.7
Total VOCs	NS	NS	2.52	- - <u>-</u>	-	15.3 -	-	-	34.4		-	4.88		-	7.77 -	-	-	27.5	-		3.48		-

Table 2 - Summary of Groundwater Sampling Results 101-21 101st Street Queens, New York VERTEX Project No. 79111

											VLI																
SAMPLE ID:					VTX-TW-1			VTX-TW-2	2			VTX-TW-3			v	TX-TW-4			VTX-TW-	5		VTX	(-TW-6			B-4W	
LAB ID:					L2224545-07	7		L2224545-0	8		1	L2224545-09			L22	224545-10)		L2224545-1	1		L222	4545-12			L2224545-1	3
COLLECTION DATE:	NY-AWQS	NY-TOGS-GA			5/9/2022			5/9/2022				5/10/2022			5	/10/2022			5/10/2022			5/9	/2022			5/9/2022	
LOCATION:			A	djace	ent to F.O. US	ST (NW)	Ad	acent to TCE	UST	Ad	ljacent	t to hydraulic	elevator		Adjacent	t to former	r vault	Adjacer	nt to remove	1 F.O. UST		SW corne	er of build	ling	Geotech N	IW in sidewalk a	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 GO	C/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	-				-		
2,4,5-1 richlorophenol	NS	NS	ND	_	5	0.77				-				ND		5	0.77	ND	5	0.77	-				-		
2,4,6-Thchlorophenol	1	2	ND		5	0.61			-	-				ND		5	0.61	ND	5	0.61	-				-		
2.4-Dichlorophenol	50	2	ND	-	5	1.8								ND		5	1.8	ND	5	1.8	-				-		
2.4-Dinietrophenol	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	↓ -				\square			ND		5	0.48	ND	5	0.48	-				-		
3-Nitroaniline	5	5	ND		5	0.81	<u>↓ · ↓</u>	<u> </u>		<u> </u>	$\downarrow \downarrow$			ND	\square	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-Nitroaniine	5	5	ND	_	5	0.8				-				ND		5	0.8	ND	5	0.8	-				-		
	NS	NS	ND	_	10	0.67				-				ND		10	0.67	ND	10	0.67	-				-		
Acetophenone Reproje Acid	INS NS	INS NIS	ND		5	0.55				-				ND		5	0.55	ND	5	0.53	-				-		
Benzul Alcobol	NS	NS	ND		30	0.50	-							ND		2	0.59	ND	2	0.59	-				-		
Binbenyl	NS	NS	ND		2	0.33								ND		2	0.39	ND	2	0.39							
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	-				-		
n-Nitrosodi-n-propylamine	0.4	0.4	ND	-	5	0.64	-		-	-				ND		2	0.64	ND	5	0.64	-	-			-		
p-Chloro-m-cresol	NS	NS	ND	-	2	0.04								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 GO	C/MS-SIM			-			1 1		•	•							•	1 1									
2-Chloronaphthalene	10	10	ND		0.2	0.02		1			1		I	ND		0.2	0.02	ND	0.2	0.02	-				-		
2-Methylnaphthalene	NS	NS	0.05	J	0.1	0.02	-			-				0.04	J	0.1	0.02	ND	0.1	0.02	-				-		
Acenaphthene	20	20	0.03	J	0.1	0.01	-			-				ND		0.1	0.01	0.03 J	0.1	0.01	-				-		
Acenaphthylene	NS	NS	0.02	J	0.1	0.01	-			-				0.01	J	0.1	0.01	0.04 J	0.1	0.01	-				-		
Anthracene	50	50	0.06	J	0.1	0.01	-			-				0.03	J	0.1	0.01	0.06 J	0.1	0.01	-				-		
Benzo(a)anthracene	0.002	0.002	0.11		0.1	0.02	-			-				0.08	J	0.1	0.02	0.13	0.1	0.02	-				-		
Benzo(a)pyrene	0	0	0.07	J	0.1	0.02	-			-				0.06	J	0.1	0.02	0.12	0.1	0.02	-				-		
Benzo(b)fluoranthene	0.002	0.002	0.12		0.1	0.01	-			-				0.09	J	0.1	0.01	0.17	0.1	0.01	-				-		
Benzo(ghi)perylene	NS	NS	0.08	J	0.1	0.01	-			-				0.06	J	0.1	0.01	0.12	0.1	0.01	-				-		
Benzo(k)fluoranthene	0.002	0.002	0.08	J	0.1	0.01	-		-	-				0.04	J	0.1	0.01	0.09 J	0.1	0.01	-				-	_	-
Chrysene Diterret (a. b) anthere are	0.002	0.002	0.1		0.1	0.01	-			-				0.07	J	0.1	0.01	0.12	0.1	0.01	-				-		
	50	110	0.06	J	0.1	0.01		+			+			0.15		0.1	0.01	0.00 J	0.1	0.01	-				-		+
Fluorene	50	50	0.24	-	0.1	0.02	+	+		1 .	+			0.15		0.1	0.02	0.05	0.1	0.02	-				-		+
Hexachlorobenzene	0.04	0.04	0.03 MD		0.1	0.01		1	1					ND		0.1	0.01	ND 3	0.1	0.01					-		+
Hexachlorobutadiene	0.5	0.5	ND	1	0.5	0.05	+ - +	1	1	· ·				ND		0.5	0.05	ND	0.5	0.05					-		1
Hexachloroethane	5	5	ND	1	0.8	0.06	+ - +		1	-				ND		0.8	0.06	ND	0.8	0.06	-				-	1	1
Indeno(1,2,3-cd)pyrene	0.002	0.002	0.09	J	0.1	0.01		1	1	-				0.05	J	0.1	0.01	0.12	0.1	0.01	-				-		1
Naphthalene	10	10	0.09	J	0.1	0.05		1	1	-				0.06	J	0.1	0.05	0.05 J	0.1	0.05	-				-		1
Pentachlorophenol	1	2	ND	1	0.8	0.01				-				ND		0.8	0.01	ND	0.8	0.01	-				-		1
Phenanthrene	50	50	0.3		0.1	0.02	-			-				0.13		0.1	0.02	0.16	0.1	0.02	-				-		
Pyrene	50	50	0.19		0.1	0.02	-			-				0.12		0.1	0.02	0.18	0.1	0.02	-				-		
Total SVOCs	NS	NS	1.74	-	-	-	-			-				1.01	-	-	-	1.7 -	-	-	-				-		

Notes: ug/L - micrograms per liter J - Estimated concentration ND - Not detected NY-AWQS: New York TOGS 111 Ambient Water Quality Standards NY-TOGS-GA: New York TOGS 111 Groundwater Effluent Limitations Highlighted and bolded text indicates an exceedance of one or more criteria Italicized text indicates the reporting limit exceeds one or more of the criteria

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								VTX-SG1	L	VTX-IA-1		VTX-SG2		VTX-IA-2	2	VTX-SG3		VTX-IA-3		VTX-SG4	VTX-IA-4		VTX-SG5		VTX-IA-5		VTX-AA-1	1
SAMPLING DATE	NV CCC		NV CCC		NV SSC			5/9/2022	2	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	A A	A A	B B	B	C	C	Units	L2224547-01	L	L2224240-01		L2224547-02		L2224240-02	:	L2224547-03		L2224240-03		L2224547-04	L2224240-04	L22	224547-05	L	2224240-05		L2224240-06	į
SAMPLE TYPE								SOIL_VAPOR	Ł	AIR		SOIL_VAPOR		AIR	2	SOIL_VAPOR		AIR		SOIL_VAPOR	AIR	SOIL	_VAPOR		AIR		AIR	i.
LOCATION																												
Volatile Organics in Air			1				1														· · ·	-						
1,1,1-Trichloroethane	NS	NS	100	3	NS	NS	ug/m3	61.7	U	0.153		42.9	U	0.169		567		0.169		1450	1.45	6	53.3	-	0.12		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 L	U	1.37	U	49.4 U	1.37	0 4	12.6 U	J	1.37	U	1.37	U
1,1,2-Trichloroethane	INS NC	INS NS	NS NS	NS NS	INS NS	NS NS	ug/m3	61.7	U	1.09		42.9	0	1.09		118 L		1.09	U	39.3 U	1.09		53.8 U) 	1.09	U	1.09	U
1,1-Dichloroethene	6	0.2	NS	NS	NS	NS	ug/m3	43.7	11	0.809		31.0	11	0.809		86 1		0.809		28.5	0.809		23.1) 	0.009	U 11	0.809	
1.2.4-Trichlorobenzene	NS	NS	NS	NS	NS	NS	ug/m3	83.9	Ŭ	1.48	Ŭ	58.3	Ŭ	1.48	U	161 L	U	1.48	U	53.4 U	1.48	U -	46 L	J	1.48	U	1.48	U
1,2,4-Trimethylbenzene	NS	NS	NS	NS	NS	NS	ug/m3	55.6	U	4.9		38.6	U	1.69	-	107 L	U	2.07	-	35.4 U	0.983	U 3	30.5 U	J	2.07	-	1.2	
1,2-Dibromoethane	NS	NS	NS	NS	NS	NS	ug/m3	86.8	U	1.54	U	60.4	U	1.54	U	167 L	U	1.54	U	55.3 U	1.54	U 4	17.6 L	J	1.54	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 L	U	1.2	U	43.3 U	1.2	U 3	37.3 L	J	1.2	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 L	U	0.809	U	29.1 U	0.809	U 2	25.1 U	J	0.809	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 L	U	0.924	U	33.3 U	0.924	U 2	28.7 U	J	0.924	U	0.924	U
1,3,5-I rimethylbenzene	NS	NS	NS	NS	NS	NS	ug/m3	55.6		1.33		38.6		0.983	U	10/		0.983		35.4 U	0.983		5U.5 U	ן ר	0.983		0.983	
1.3-Dulaulerie	NIC NIC	NG	NG	NG	NG NG	NIC	ug/m3	25 67.0		U.44∠ 1 2		17.4		0.442	11	40 L		1.2		15.9 U	0.442		13.7 U	,	U.44∠ 1.2		1.9	
1.4-Dichlorobenzene	NS	NS	NS	NS	NS	NS	ug/m3	67.9	u	4.32	5	47.3	Ŭ	5.04		130 1	U	1.2	ŭ	43.3 11	1.2	U 9	37.3	, ,	1.2	U	1.2	U
1,4-Dioxane	NS	NS	NS	NS	NS	NS	ug/m3	40.7	Ŭ	0.721	U	28.3	Ŭ	0.721	U	78.2 U	Ū	0.721	Ū	25.9 U	0.721	- U 2	22.3 U	_ _	0.721	Ŭ	0.721	Ŭ
2,2,4-Trimethylpentane	NS	NS	NS	NS	NS	NS	ug/m3	52.8	U	1.83		36.7	U	1.25		101 L	U	1.49		33.6 U	1.18		29 U	J	1.44		0.972	-
2-Butanone	NS	NS	NS	NS	NS	NS	ug/m3	83.2	U	10.4		83.2		7.43		160 L	U	3.1		53.1 U	1.93	4	15.7 U	J	3.54		11.2	
2-Hexanone	NS	NS	NS	NS	NS	NS	ug/m3	46.3	U	0.82	U	32.2	U	0.82	U	88.9 L	U	0.82	U	29.5 U	0.82	U 2	25.4 U	J	0.82	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 L	U	0.626	U	22.5 U	0.626	U 1	19.4 U	J	0.626	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 L	U	0.983	U	35.4 U	0.983		30.5 L	J	0.983	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 L	U	2.05	U	73.8 U	2.05	0 6	03.5 U) 	2.05	U	2.05	U
Benzene	NS	NS NS	NS	NS	NS	NS	ug/m3	36.1		1 10		25.1		125		400 69.3 I		1.45		23	43.2	1	0.0 0) 	13.4		0 792	-
Benzyl chloride	NS	NS	NS	NS	NS	NS	ug/m3	58.5	U	1.04	U	40.7	U	1.04	U	112 L	U	1.45	U	37.3 U	1.04	U S	32.1 L	J	1.40	U	1.04	U
Bromodichloromethane	NS	NS	NS	NS	NS	NS	ug/m3	75.7	U	1.34	Ū	52.7	Ū	1.34	U	145 L	U	1.34	U	48.2 U	1.34	U 4	1.5 U	J	1.34	Ū	1.34	Ū
Bromoform	NS	NS	NS	NS	NS	NS	ug/m3	117	U	2.07	U	81.3	U	2.07	U	224 L	U	2.07	U	74.4 U	2.07	U e	64.1 U	J	2.07	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 L	U	0.777	U	28 U	0.777	U 2	24.1 U	J	0.777	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 L	U	0.623	U	22.4 U	0.623	U 1	19.3 U	J	0.623	U	0.623	U
Carbon tetrachloride	6	0.2	NS	NS	NS	NS	ug/m3	71.1	U	0.616		49.4	U	0.629		137 L	U	0.623		45.3 U	0.648		39 L	J	0.629		0.591	
Chlorobenzene	NS	NS	NS	NS	NS	NS	ug/m3	52	U	0.921	U	36.2	U	0.921	U	99.9 L	U	0.921	U	33.2 U	0.921	0 2	28.6 U	, 	0.921	U	0.921	U
Chloroform	NS NS	NS NS	NS	NS NS	NS NS	NS	ug/m3	29.8	U	0.528		20.7		0.528		57.3 U 106 L		0.528		35.2 11	0.528		16.4 U	, ,	0.528		0.528	
Chloromethane	NS	NS	NS	NS	NS	NS	ug/m3	23.3	U	1.43	0	16.2	U	1.61	0	44.8 L	U	1.48	0	14.9 U	1.5	1	12.8 L	, ,	1.49	0	1.45	0
cis-1,2-Dichloroethene	6	0.2	NS	NS	NS	NS	ug/m3	151		0.86		264		0.218		496		0.163		3270	0.262		991		0.159		0.079	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 L	U	0.908	U	32.7 U	0.908	U 2	28.1 U	J	0.908	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 L	U	0.688	U	24.8 U	0.688	U 2	21.3 U	J	0.688	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 L	U	1.7	U	61.3 U	1.7	U 5	52.8 U	J	1.7	U	1.7	U
Dichlorodifluoromethane	NS	NS	NS	NS	NS	NS	ug/m3	55.9	U	3.13		38.9	U	3.2		107 L	U	3.28		35.6 U	3.19	3	30.7 U	J	3.25		3.06	
Ethanol	NS	NS	NS	NS	NS	NS	ug/m3	531	U	147		369	U	185		1030 U	U	286		339 U	63.1	2	292 U	J	281		21.1	
Ethylbenzene	NS NS	NS NS	NS	NS NS	NS NS	NS NS	ug/m3	49.1		2.79 5.52		821	U	3.79		94.3 L		1.0 7.21	U	31.3	১.৬৩ 1.46	5	26.9 L	י ו	12.3	U	2.03	$\frac{1}{1}$
Freon-113	NS	NS	NS	NS	NS	NS	ua/m3	86.6	U	1.53	U	60.2	υ	1.53	U	166 1	υ	1.53	υ	55.2 11	1.53	U 4	17.5	- J	1.53	U	1.53	U
Freon-114	NS	NS	NS	NS	NS	NS	ug/m3	79	Ū	1.4	Ū	54.9	U	1.4	Ū	152 U	U	1.4	U	50.3 U	1.4	U 4	13.3 U	J	1.4	U	1.4	Ū
Heptane	NS	NS	NS	NS	NS	NS	ug/m3	46.3	U	1.76		32.2	U	1.05		88.9 L	U	1.32		29.5 U	1.07	2	25.4 U	J	1.22		0.82	U
Hexachlorobutadiene	NS	NS	NS	NS	NS	NS	ug/m3	121	U	2.13	U	83.8	U	2.13	U	231 L	U	2.13	U	76.8 U	2.13	U 6	6.1 L	J	2.13	U	2.13	U
Isopropanol	NS	NS	NS	NS	NS	NS	ug/m3	69.3	U	20.1		48.2	<u>U</u>	20.5		134 L	U	32.2		44.2 U	20.4		38.1 U	.	49.2	<u></u>	7.1	
Methyl tert butyl ether	NS	NS	NS 100	NS	NS	NS	ug/m3	40.7	U	0.721	U	28.3	U	0.721	U	78.2 U	U	0.721	U	26 U	0.721	0 2	22.4	J	0.721	U	0.721	U
n-Hevane	NS	NS NS	NS	3	NS NS	NS	ug/m3	30.8		16.7 2.22		68.1 27.7		25.4		765		129		62.5 U	0.93	5	03.8 U) 	102		0.705	
o-Xvlene	NS	NS	NS	NS	NS	NS	ug/m3	49.1	U	6.6		830	0	4 82		94.3	U	12.1		31.3 U	2.06	2	26.9 L	, ,	21.9		1 18	
p/m-Xylene	NS	NS	NS	NS	NS	NS	ug/m3	98.2	Ŭ	17		3020	~~~~~	13.3		189 L	Ŭ	34.5		62.5 U	5.91	5	53.9 U	J	61.7		2.88	
Styrene	NS	NS	NS	NS	NS	NS	ug/m3	48.1	U	0.852	U	33.5	U	0.852	U	92.4 L	U	1.84		30.7 U	0.852	U 2	26.4 U	J	3.02		0.852	U
Tertiary butyl Alcohol	NS	NS	NS	NS	NS	NS	ug/m3	85.5	U	1.52	U	59.4	U	1.52	U	165 L	U	1.52	U	54.6 U	1.52	U	47 U	J	1.52	U	1.52	U
Tetrachloroethene	NS	NS	100	3	NS	NS	ug/m3	28000		21.6		2350		3.64		1760		1.52		374	1.3	6	62.4		1.3		0.685	
Tetrahydrofuran	NS	NS	NS	NS	NS	NS	ug/m3	83.2	U	1.47	U	57.8	U	1.47	U	160 L	U	1.47	U	53.1 U	1.47	U 4	15.7 U	.	1.47	U	1.47	U
I Oluene	NS	NS	NS	NS	NS	NS	ug/m3	42.6		27.1		29.6	U	10.4	1	81.8 L	U	17.2		27.1 U	10.9		23.4 U	י י	18.1		5.05	+
trans-1,2-Dichloropropone	NS NC	NS	NS	NS	NS NG	NS	ug/m3	44.8 51.2		0.793		31.2		0.793		00 L		0.793		32.7	0.793		13.10 28.1 I	1	0.793		0.793	
Trichloroethene	6	0.2	NS	NS	NS	NS	ug/m3	3840	0	5.7	0	16300	-	4.22		47000	5	9.51	J	24000	5.08	1	5400		11.2	U	0.900	<u> </u>
Trichlorofluoromethane	NS	NS	NS	NS	NS	NS	ug/m3	63.5	U	1.65		44.2	υ	1.82		122 L	υ	1.67		40.5 U	1.7	3	34.8 L	J	1.66		1.64	
Vinyl bromide	NS	NS	NS	NS	NS	NS	ug/m3	49.4	U	0.874	U	34.4	U	0.874	U	94.9 L	Ū	0.874	υ	31.5 U	0.874	U 2	27.1 U	J	0.874	U	0.874	U
Vinyl chloride	NS	NS	NS	NS	6	0.2	ug/m3	28.9	U	0.051	U	20.1	U	0.051	U	55.5 L	U	0.051	U	18.4 U	0.051	U 1	15.8 L	J	0.051	U	0.051	U

Notes:

U - Not detected

U - Not detected ug/m3 - micrograms per cubic meter NY-SSC/IAC-A: New York DOH Matrix A Sub-slab Vapor Concentrations or Indoor Air Concentrations Criteria NY-SSC/IAC-B: New York DOH Matrix B Sub-slab Vapor Concentrations or Indoor Air Concentrations Criteria NY-SSC/IAC-C: New York DOH Matrix C Sub-slab Vapor Concentrations or Indoor Air Concentrations Criteria Italcized text indicates the reporting limit exceeds one or more of the criteria **Highlighted and bolded text indicates an exceedance of one or more of the criteria**

APPENDIX A:

SOIL BORING LOGS

			SOIL BOR	ING/MONITO	RING WELL			DESIGNATION			
			co	NSTRUCTION	LOG			DESIGNATION		VIN-30-1	
			PROJECT:		Ozone	Park		PROJECT NO.:		79111	
			LOCATION:		101-21 101st Street,	, Queens, New York		INSPECTOR:	A	Clean Globe manda Turner	
			INSTALLA	TION DATES		5/9/2022		PAGE	1	of	6
	SAMPLER		CA	SING	C	ORE		GROUNDWATE	R DEPTH MEASUREN	MENTS	
TYPE SIZE (ID)		Geoprobe 2 IN	TYPE	Sleeve	BARREL TYPE	Steel	ELEVA	TION INFORMATION	DATE: TIME:	5/9/2022	
HAMMER (LB.)		-	DIAMETER	2"	DIAMETER	2	TOC:	-	DEPTH (Ft):	35	
FALL (IN.)		-	LENGTH	5'			GS:	-	ELEVATION (Ft):	-	
DERTU	r	SAMPL	E INFORMATIO	N .		4	501	DESCRIPTION		WELL	PID (PPM)
ELEVATION	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/El.)		501			CONST	Actual
0		1				0.0 - 0.5: Concrete and	sub-base				0.0
1	-				-						0.0
-	-	Hand Auger									0.0
2	0.0 - 5.0										0.0
3											0.0
		5/1.0									0.0
4	-	3/ 2.0									0.0
5											0.0
											0.0
6	-				-						0.0
7	50-100	5/3.0			1						0.0
•	5.5 - 10.0	5/5.0									0.0
8	1										0.0
9	1]						0.0
10					1						0.0
10											0.0
11											0.0
12		- (2 - 2									0.0
	10.0 -15.0	5/3.0									0.0
13											0.0
14											0.0
											0.0
15	-				-						0.0
16					1	0.5 - 35.0: Brown mediu	um grain sand v	with trace sub-angular rock,	dry to moist and wet		0.0
47							at approx 30)'; no staining or odors			0.0
1/	15.0 - 20.0	5/2.75									0.0
18											0.0
10	-										0.0
15											0.0
20											0.0
21											0.0
											0.0
22	20.0 - 25.0	5/3.0			-						0.0
23											0.0
	-										0.0
24	1				1						0.0
25]						0.0
76	-										0.0
20]										0.0
27	25.0 - 30.0	5/1.75									0.0
28					1						0.0
	1										0.0
29	1										0.0
30					1						0.0
	1				1						0.0
31											0.0
32	20.0 25.0	5/25			1						0.0
	30.0 - 35.0	5/2.5			4		Boring terr	ninated at 35.0 ft bgs			0.0
33	1				1	Soil sample	VTX-SB-1 collec	cted at 11:37 hrs from 30.0-3	0.5ft bgs		0.0
34	1				1	Temporary r	monitoring well	installed; depth to water 28	8.94 ft bgs		0.0
-		CAND AND	GRAVE				·· sumple vix-	Near NW com	arty	WELL CO	
1 - 10%	Trace	Density	Blows (N)	Consistency	Blows (N)	LOCATION: N	IONITORING W	/ELL CONSTRUCTION DATA	ertý	WELL CO	Screen
10 - 20%	Little	Very loose	0 - 4	Very soft	<2	DEPTH:	15	DEPTH/TYPE PACK:	-		Riser
20 - 35%	Some	Loose Medium Donce	4 - 10	Soft Medium Stiff	2 - 4 4 - 9	DIAMETER (inches):	1.0 pv/c	DEPTH/TYPE SEAL:	-		Concrete
55 - 50/6	aiu	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
NOTES				Hard	>30	LEINGTH OF RISER:	5	1	1		Grout
1. Soils are visu	ally classified	in general accord	ance with the f	Modified Burmist	er Soil Classification Syst	tem.					

			SOIL BOR	ING/MONITO	RING WELL			DESIGNATION		VTV CP 2	
			CO	NSTRUCTION	LOG			DESIGNATION		VIX - 3B - 2	
			PROJECT:		Ozone	Park		PROJECT NO.:		79111	
	R'E'		LOCATION:		101-21 101st Street,	Queens, New York		DRILLER: INSPECTOR:	Ar	Clean Globe manda Turner	
			INSTALLA	TION DATES		5/9/2021		PAGE	6	of	6
	SAMPLER		CA	SING	C	ORE		GROUNDWATER	R DEPTH MEASUREN	NENTS	
TYPE		Geoprobe	TYPE	Sleeve	BARREL TYPE	Steel	ELEVA	TION INFORMATION	DATE:	5/9/2022	
SIZE (ID)		2 IN	DIAMETER	PVC	SIZE (ID)	2	DATUM:	-	TIME:	11:40	
FALL (IN.)		-	LENGTH	5'	DIAMETER	2	GS:	-	ELEVATION (Ft):	-	
		SAMPLE	INFORMATIO	N				•		WELL	PID (PPM)
DEPTH	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/El.)		SOIL	DESCRIPTION		CONST	Background/
ELEVATION						0.0 - 0.5: Concrete and	sub-base				Actual
0											0.0
1		hand auger									0.0
											0.0
2	0.0 - 5.0										0.0
3											0.0
		5/1.0									0.0
4		-,									0.0
5											0.0
											0.0
6											0.0
7											0.0
,	5.0 - 10.0	5/3.0									0.0
8											0.0
9											0.0
											0.0
10											0.0
11											0.0
											0.0
12	10.0 -15.0	5/2.75									0.0
13											0.0
						0.5 - 30.0: Brown med	lium grain sand	with trace sub-angular rock	k, dry to moist and		0.0
14							wet at approx	27'; no staining or odors			0.0
15											0.0
15											0.0
16											0.0
17											0.0
27	15.0 - 20.0	5/2.75									0.0
18											0.0
19											0.0
											0.0
20											0.0
21											0.0
											0.0
22	20.0 - 25.0	5/3.0									0.0
23											0.0
											0.0
24											0.0
25											0.0
											0.0
26											0.0
27	25.0.20.0	5/2.0									0.0
	25.0 - 50.0	5/5.0					Boring tern	ninated at 30.0 ft bgs			0.0
28						Soil sample V	TX-SB-2 collect	ed at 10:34 hrs from 26.0 - 2	26.5 ft bgs		0.0
29						Temporary m	nonitoring well	installed; depth to water 27	.02 ft bgs		0.0
			0041/51			GV	v sampie VTX-	wv-2 collected at 11:06 hrs			0.0
MODIF 1 - 10%	Trace	SAND AND Density	GRAVEL Blows (N)	SILT	Blows (N)	LOCATION:	ONITORING W	Near NW corner of prope	erty	WELL CO	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 30 - 50	Medium Stiff	4-8	MATERIAL:	PVC	BACKFILL MATERIAL:	-		Bentonite
		Very Dense	>50	Very Stiff	15 - 30	SCREEN INTERVAL:	5'-15'	ROADBOX DESC.:	-		Sand
				Hard	>30	LENGTH OF RISER:	5				Grout
1. Soils are visua 2. Sampled from	ally classified interval abo	in general accord ave groundwater i	ance with the I nterface	Modified Burmist	er Soil Classification Sys	tem.					

			SOIL BOR	ING/MONITO	RING WELL			DESIGNATION		VTX-SB-3	
			CO	NSTRUCTION	LOG			DESIGNATION		V1X-3D-3	
			PROJECT:		Ozone	e Park		PROJECT NO.: DRILLER		79111 Clean Globe	
			LOCATION:		101-21 101st Street,	, Queens, New York		INSPECTOR:	A	manda Turne	er
			INSTALLA	TION DATES		5/9/2022		PAGE	3	of	6
TYPE	SAMPLER	Geoprobe		SING	C BARREL TYPE	ORE Steel	ELEV/A	GROUNDWATE	R DEPTH MEASUREN	5/10/202	2
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.)		- SAMDI	LENGTH	5'			GS:	-	ELEVATION (Ft):	-	PID (PPM)
DEPTH		SAME L				4	SOIL	DESCRIPTION		WELL	Background/
ELEVATION	INTERVAL	PEN / REC	BLOWS / 6	SPT	STRATA CHANGE (Ft/EI.)					CONST	Actual
0	_				-						0.0
1	-	Lined Avenue					0.0 - 2.0: C	oncrete and sub-base			0.0
-		Hallu Augel									0.0
2	0.0 - 5.0										0.0
3											0.0
4		5/1.0									0.2
											0.0
5	_										0.0
6	-										0.0
											0.0
7	5.0 - 10.0	5/2.25			-						0.0
8	-										0.0
0	_										0.0
Э	-										0.0
10	-										0.0
11	-										0.0
											0.0
12	10.0 -15.0	5/2.5									0.0
13											0.0
14											0.0
14											0.0
15	_										0.0
16											0.0
17	_					2.0 - 35.0 Brown media	um grain sand v	vith trace sub-angular rock, o	dry to moist and wet		0.0
17	15.0 - 20.0	5/2.75					at approx 27	7'; no staining or odors			0.0
18											0.0
19	-										0.0
											0.0
20	-										0.0
21											0.0
22	_										0.0
	20.0 - 25.0	5/2.75									0.0
23	_										0.0
24											0.0
											0.0
25	_										0.0
26	1				1						0.0
77	-										0.0
21	25.0 - 30.0	5/2.5									0.0
28	-										0.0
29	-				1						0.0
	1										0.0
30	-				1						0.0
31	1				1						0.0
27	-										0.0
32	30.0 - 35.0	5/2.25					Boring torr	ninated at 35.0 ft box			0.0
33	-					Soil sample	VTX-SB-3 collect	ted at 11:10 hrs from 10.0 - 1	10.5 ft bgs		0.0
34	-				1	Temporary r	monitoring well	l installed; depth to water 27	2.24 ft bgs		0.0
	1		00.01/5			G	w sample VTX-	w-3 collected at 11:43 hrs			0.0
MODI 1 - 10%	Trace	SAND AND Densitv	Blows (N)	SILT Consistency	Blows (N)	LOCATION:	IONITORING W	Near NW corner of prope ILL CONSTRUCTION DATA	erty	WELLO	Screen
10 - 20%	Little	Very loose	0 - 4	Very soft	<2	DEPTH:	15	DEPTH/TYPE PACK:	-		Riser
20 - 35%	Some	Loose Medium Donco	4 - 10	Soft Medium Stiff	2-4	DIAMETER (inches):	1.0 PV/C	DEPTH/TYPE SEAL:	-		Concrete
00 00/0		Dense	30 - 50	Stiff	8 - 15	SLOT SIZE (inches):	0.01	SURFACE SEAL:	-]	Native
<u> </u>		Very Dense	>50	Very Stiff	15 - 30	SCREEN INTERVAL:	5'-15'	ROADBOX DESC.:			Sand
NOTES:										••••••••	0.000
1. Soils are visu	ally classified	in general accord	ance with the M	Modified Burmiste	er Soil Classification Sys	tem.					

Difference Difference <thdifference< th=""> Difference Differen</thdifference<>				CO	NSTRUCTION	LOG					• 1 •		
UNDER LOCATION 161 21 102 10000, Second, Ner YM Under Corp. Amount, Ner YM Noneta, Local Noeta, Local Noeta, Local Noeta				PROJECT:		Ozone	Park		PROJECT NO.: DRILLER:		791 Clean	111 Globe	
Initial Alfond Sinte Operation Data operation	V P			LOCATION:		101-21 101st Street,	Queens, New York		INSPECTOR:	A	manda	a Turne	r
Data Open bound Open bound Data Data <thdata< th=""> <thdata< th=""> Data</thdata<></thdata<>				INSTALLA	TION DATES		5/9/2022	1	PAGE	3	of		6
Dist The MARKA PC Dist Dist The MARKA PC Dist The MARKA PC Dist Dist Dist Dist Pirt III // Pirt IIII IIIII // Pirt IIII // Pirt IIIII	TYPE	SAIVIPLER	Geoprobe	TYPE	Sleeve	BARREL TYPE	Steel	ELEVA	TION INFORMATION	DATE:	5/1	0/2022	
NAME P DUARTIN DUARTIN DUARTIN DUARTIN DUARTIN DUARTIN DUARTIN DUARTIN DUARTIN <	SIZE (ID)		2 IN	MATERIAL	PVC	SIZE (ID)	2	DATUM:	-	TIME:	1	8:45	
Control Description <	HAMMER (LB.)		-	DIAMETER	2"	DIAMETER	2	TOC:	-	DEPTH (Ft):		35	
mmm mmm mmm mmm			SAMPLI	EINFORMATIO	N			U J.		ELEVATION (Fig.			PID (PPM)
Dock A	DEPTH	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/El.)	T	SOIL	DESCRIPTION		C (ONST	Background/
Image: marked	ELEVATION 0											-	Actual
1 1.0 Het Age 0													0.0
1 0 30 <td>1</td> <td></td> <td>Hand Auger</td> <td></td> <td></td> <td></td> <td></td> <td>0.0 - 3.0: C</td> <td>oncrete and sub-base</td> <td></td> <td></td> <td></td> <td>0.0</td>	1		Hand Auger					0.0 - 3.0: C	oncrete and sub-base				0.0
100-00 50.00 0	2	0.0 - 5.0											0.0
30 51.0 0 <td>2</td> <td>0.0 5.0</td> <td></td> <td>0.0</td>	2	0.0 5.0											0.0
A I	5		5/1.0				3.0 - 5.0: Dark	orown fill mate	rial with some clay; no odor:	s or staining			3.2
5	4												0.0
6 7 50-100 5/2.25 9 10 <td< td=""><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td></td<>	5												0.0
- 9													0.0
7 50 - 100 5/2 25 0 <	6												0.0
8 9 10 <td>7</td> <td>5.0 - 10.0</td> <td>5/2.25</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.0</td>	7	5.0 - 10.0	5/2.25										0.0
0 0	8												0.0
9 -	Ű												0.0
10 11 10 13 10 15 10<	9												0.0
11 10 15.0 57.5 1	10												0.0
Dial Sp2.5	11												0.0
12 10.0-15.0 5/2.5	11												0.0
13 14 16<	12	10.0 -15.0	5/2.5										0.0
14	13												0.0
14 150													0.0
13 0.0 16 0.0 17 15.0 - 20.0 5/2.75 0.0 18 0.0 19 0.0 19 0.0 10 0.0	14												0.0
16 17 15.0 - 20.0 5/2.75 1 1 13 5.0 - 35.0: Brown medium grain sand with trace sub-angular rock, dry to moist and wet at approx 27', no taining or dors 0.0 0.0 19 - - - - 0.0 0.0 20 - - - - 0.0 0.0 0.0 21 - - - - - 0.0	15												0.0
127 15.0 - 20.0 5/2.75 0.0 0.0 18	16												0.0
17 15.0 - 20.0 \$/2.75													0.0
38	17	15.0 - 20.0	5/2.75			-							0.0
19 a	18						5.0 - 35.0: Brown mediu	um grain sand v	with trace sub-angular rock.	dry to moist and wet	F		0.0
20 20<	19					-		at approx 2	7'; no staining or odors	.,			0.0
20 0	15												0.0
21 22 20.0 - 25.0 5/2.75 5/2.75 0 0.0 <	20												0.0
22 20.0-25.0 5/2.75 0.0 0.0 23 0.0-25.0 5/2.75 0.0 0.0 24 0.0 0.0 0.0 0.0 24 0.0 0.0 0.0 0.0 24 0.0 0.0 0.0 0.0 25 0.0 0.0 0.0 0.0 26 0.0 0.0 0.0 0.0 27 25.0-30.0 5/2.5 0.0 0.0 0.0 28 0.0-35.0 5/2.5 0.0 0.0 0.0 0.0 30 0.0-35.0 2.25 0.0 <	21												0.0
20 -25.0 5/2.75	22												0.0
23 0.0 0.0 0.0 24 0.0 0.0 0.0 25 0.0 0.0 0.0 26 0.0 0.0 0.0 26 0.0 0.0 0.0 26 0.0 0.0 0.0 27 25.0 - 30.0 5/2.5 0.0 0.0 28 0.0 0.0 0.0 0.0 29 0.0 0.0 0.0 0.0 30 0.0 0.0 0.0 0.0 31 0.0 0.0 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 0.0 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 0.0 0.0 0.0 0.0 10.00 0.0 0.0	22	20.0 - 25.0	5/2.75										0.0
24 00	23												0.0
25 0.0 26 0.0 27 25.0 - 30.0 5/2.5 28 0.0 29 0.0 20 0.0 29 0.0 20 0.0 29 0.0 30 0.0 31 0.0 - 35.0 32 0.0 - 35.0 2.25 0.0 30 0.0 31 0.0 - 35.0 33 0.0 - 35.0 2.25 0.0 30 0.0 31 0.0 - 35.0 2.25 0.0 33 0.0 - 35.0 34 0.0 - 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	24												0.0
2-3 2-3 0.0 0.0 26	25												0.0
26 0.0 0.0 27 25.0 - 30.0 5/2.5 0.0 28 0.0 0.0 0.0 29 0.0 0.0 0.0 30 0.0 0.0 0.0 31 0.0 0.0 0.0 31 0.0 0.0 0.0 32 0.0 - 35.0 2.25 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	25												0.0
27 25.0 - 30.0 5/2.5 0.0 0.0 28 0.0 0.0 0.0 29 0 0.0 0.0 29 0 0 0.0 30 0 0.0 0.0 31 0.0 0.0 0.0 32 30.0 - 35.0 2.25 0 0.0 33 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 0.0 10 0.0 0.0 0.0 0.0 0.0 33 0.0 - 35.0 2.25 0.0 0.0 0.0 10 0.0 0.0 0.0 0.0 0.0 0.0 10 0.0 0.0 0.0 0.0 0.0 0.0 0.0 10.02 Soil sample VTX-S8.4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs 0.0 0.0 0.0 0.0 10.02 Wear Warrow of property WELL CONSTRUCTION DATA 0.0 0.0 0.0 <t< td=""><td>26</td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td></t<>	26			-									0.0
28 29 0.0 0.0 29 0.0 0.0 0.0 30 0.0 0.0 0.0 31 0.0 0.0 0.0 32 30.0 - 35.0 2.25 0 0.0 33 0.0 0.0 0.0 0.0 33 0.0 0.0 0.0 0.0 33 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	27	25.0.20.0	E /2 E										0.0
29 0.0 0.0 29 0.0 0.0 30 0.0 0.0 31 0.0 0.0 31 0.0 0.0 32 30.0 - 35.0 2.25 0.0 33 0.0 0.0 0.0 33 0.0 0.0 0.0 33 0.0 0.0 0.0 33 0.0 0.0 0.0 34 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.10 Density Blows (N)	20	25.0 - 30.0	5/2.5										0.0
29 0.0 0.0 30 0.0 0.0 31 0.0 0.0 32 30.0 - 35.0 2.25 0.0 33 0.0 0.0 0.0 33 0.0 0.0 0.0 33 0.0 0.0 0.0 33 0.0 0.0 0.0 34 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.10% Trace Density Blows (N) Consistency Blows (N) MONITORING WELL CONSTRUCTION DATA Screen <	28												0.0
30 30 4	29												0.0
31 0.0 0.0 32 30.0 - 35.0 2.25 0.0 0.0 33 0.0 Soil sample VTX-S9-4 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 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 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 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 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 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 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 09.27 hrs from 3.5 - 4.0 ft bgs GW sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs GW sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs GW sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs GW sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs GW sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs GW sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs Soil sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs GW sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs Soil sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs GW sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs Soil sample VTX-TW-4 collected at 09.27 hrs from 3.5 - 4.0 ft bgs Soil sample VTX-TW-4 collected at 09.27 hrs from 3.5 ft bgs GW sample VTX-W-4 collected at	30												0.0
31													0.0
32 30.0 - 35.0 2.25	31												0.0
33 Boring terminated at 35.0 ft bgs 0.0 33 Soil sample VTX-SB-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 34 Soil sample VTX-SB-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 34 GW sample VTX-SB-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 0.0 GW sample VTX-SB-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 34 GW sample VTX-W-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 0.0 GW sample VTX-TW-4 collected at 10:32 hrs 0.0 0.0 GW sample VTX-TW-4 collected at 10:32 hrs 0.0 10 - 20% 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: - - 20 - 35% Some Loose 4 - 10 Soft 2 - 4 DIAMETER (inches): 1.0 DEPTH/TYPE PACK: - Concrete 20 - 35% Some Loose 4 - 10 Soft 2 - 4 DIAMETER (inches): 0.01 SURFACE SEAL: - Concrete 20 - 50%<	32	30.0 - 35.0	2 25			1							0.0
33 Soil sample VTX-SB-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 34 Temporary monitoring well installed; depth to water 27.36 ft bgs 0.0 34 GW sample VTX-SB-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 34 GW sample VTX-SB-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 34 GW sample VTX-SB-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 0.0 GW sample VTX-TW-4 collected at 09:27 hrs from 3.5 - 4.0 ft bgs 0.0 10 - 20% Blows (N) StiT AND CLAY LOCATION: Near NW corner of property WELL CONSTRUCTION DATA 10 - 20% Little Very loose 0 - 4 Very soft 2 DEPTH: 15 DEPTH/TYPE PACK: - Concrete 20 - 35% Some Loose 4 - 10 Soft 2 - 4 DIAMETER (inches): 1.0 DEPTH/TYPE PACK: - Concrete 20 - 35% Some Loose 4 - 10 Soft 2 - 4 DIAMETER (inches): 1.0 DEPTH/TYPE PACK: - Concrete 20 - 35% And Medium Dense 10 - 30 Medium Stiff 4 - 8 MATERIAL: PVC <td< td=""><td>22</td><td>30.0 33.0</td><td>2.25</td><td></td><td></td><td></td><td></td><td>Boring terr</td><td>ninated at 35.0 ft bgs</td><td></td><td></td><td></td><td>0.0</td></td<>	22	30.0 33.0	2.25					Boring terr	ninated at 35.0 ft bgs				0.0
34 Temporary monitoring wein installed; depth to water 27.50 it bgs GW sample VTX-TW-4 collected at 10:32 hrs 0.0 MODIFIER SAND AND GRAVEL SILT AND CLAY LOCATION: Near WW comer of property WELL CONSTRUCTION DATA 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: - - Screen 20 - 35% Some Loose 4 - 10 Soft 2 - 4 DIAMETER (inches): 1.0 DEPTH/TYPE PACK: - Concrete 33 - 50% And Medium Dense 10 - 30 Medium Stiff 4 - 8 MATERIAL: PVC BACKFILL MATERIAL: - Sereen 33 - 50% And Medium Dense 30 - 50 Stiff 8 - 15 SID3IZE (inches): 0.01 SURFACE SEAL: - Native 33 - 40 Wery Dense >50 Very Stiff 15 - 30 SCREEN INTERVAL: 5'-15'<	33						Soil sample	VTX-SB-4 colle	cted at 09:27 hrs from 3.5 - 4	1.0 ft bgs			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	34						GI	N sample VTX-	TW-4 collected at 10:32 hrs	.50 IL 085			0.0
1 - 10% Trace Density Blows (N) Consistency Blows (N) MONITORING WELL CONSTRUCTION DATA Screen 10 - 20% Little Very loose 0 - 4 Very soft <2	MODI	FIER	SAND AND	GRAVEL	SILT	AND CLAY	LOCATION:	1	Near NW corner of prope	erty	v	VELL CO	ONSTRUCTION
10 - 20% Little Very loose 0 - 4 Very soft < 2 DEPTH: 15 DEPTH/TYPE PACK: - Iser 20 - 35% Some Loose 4 - 10 Soft 2 - 4 DIAMETER (inches): 1.0 DEPTH/TYPE PACK: - Concrete 33 - 50% And Medium Dense 10 - 30 Medium Stiff 4 - 8 MATERIAL: PVC BACKFILL MATERIAL: - Eentonite 35 - 50% And Medium Dense 10 - 30 Medium Stiff 8 - 15 SIOTSIZE (inches): 0.01 SURFACE SEAL: - Mative 30 Very Dense >50 Very Stiff 15 - 30 SCREEN INTERVAL: 5'-15' ROADBOX DESC.: - Sand 30 Hard >30 LENGTH OF RISER: 5 5 Grout Grout	1 - 10%	Trace	Density	Blows (N)	Consistency	Blows (N)	N	ONITORING W	ELL CONSTRUCTION DATA			į	Screen
35 - 50% And Medium Dense 10 - 30 Medium Stiff 4 - 8 MATERIAL: PVC BACKFILL MATERIAL: - Bentonite Marce Dense 30 - 50 Stiff 8 - 15 SLOT SIZE (inches): 0.01 SURFACE SEAL: - Native Marce Very Dense >50 Very Stiff 15 - 30 SCREEN INTERVAL: 5'-15' ROADBOX DESC.: - Sand Grout Hard >30 LENGTH OF RISER: 5 Grout Grout	10 - 20% 20 - 35%	Little Some	Very loose	0 - 4 4 - 10	Very soft Soft	<2 2 - 4	DEPTH: DIAMETER (inches):	15	DEPTH/TYPE PACK: DEPTH/TYPE SEAL	-			Riser Concrete
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	35 - 50%	And	Medium Dense	10 - 30	Medium Stiff	4 - 8	MATERIAL:	PVC	BACKFILL MATERIAL:	-			Bentonite
Hard >30 ELENTH OF RESE: 5 Grout			Dense Very Dense	30 - 50 >50	Stiff Verv Stiff	8 - 15 15 - 30	SLOT SIZE (inches):	0.01	SURFACE SEAL: ROADBOX DESC ·	-	-		Native Sand
			, bense		Hard	>30	LENGTH OF RISER:	5					Grout
NOTES:	NOTES:	ally closes fire i	in general	anco with the .	Addified Burnet		tom						

			SOIL BOR	ING/MONITO	RING WELL			DESIGNATION		VTX-SB	-3	
			CO	NSTRUCTION	LOG	Davla		PROJECTING		70111		
			PROJECT:		Uzone			DRILLER:		Clean Glo	obe	
V P			LOCATION:		101-21 101st Street,	, Queens, New York		INSPECTOR:	A	manda Tu	irner	
			INSTALLA	TION DATES		5/9/2022	1	PAGE	3 R DEDTH MEASUREN	of		6
ТҮРЕ	JAINIFLER	Geoprobe	TYPE	Sleeve	BARREL TYPE	Steel	ELEVA	TION INFORMATION	DATE:	5/10/2	2022	
SIZE (ID)		2 IN	MATERIAL	PVC	SIZE (ID)	2	DATUM:	-	TIME:	8:4	5	
FALL (IN.)		-	LENGTH	2"	DIAMETER	2	TOC: GS:	-	DEPTH (Ft): ELEVATION (Ft):	- 35		
		SAMPL	E INFORMATIO	N		1				WE	1	PID (PPM)
DEPTH	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/El.)		SOI	DESCRIPTION		CON	ST	Background/
0												0.0
		Hand Auger	-				0.0 - 2.0: C	oncrete and sub-base				0.0
1	_	-			-							0.0
2	0.0 - 5.0											0.0
3		- 4			1							0.0
		5/0.0										0.0
4					-							0.0
5												0.0
6					-							0.0
0												0.0
7	5.0 - 10.0	5/1.75										0.0
8												0.0
<u>^</u>	_]							0.0
9	_				-							0.0
10	_		-									0.0
11	-											0.0
												0.0
12	10.0 -15.0	5/3.0	-									0.0
13												0.0
14	-				-							0.0
												0.0
15	-				-							0.0
16												0.0
17					-	2.0 - 34.0: Brown medi	um grain sand v	with trace sub-angular rock,	dry to moist and wet	t l		0.0
17	15.0 - 20.0	5/3.0					at approx 3	D'; no staining or odors				0.0
18	_											0.0
19												0.0
20												0.0
20	_				-							0.0
21					-							0.0
22	20.0.25.0	5/2.0			-							0.0
	20.0 - 25.0	5/3.0										0.0
23	_		-									0.0
24												0.0
25					4							U.O 0.0
	1				1							0.0
26	-				1							0.0
27	25.0 - 30.0	5/3.0			1							0.0
28		2,2.0			4							0.0
20	1				1							0.0
29	-				4							0.0
30	1				1							0.0
21	4		<u> </u>		4							0.0
31					1							0.0
32	30.0 - 35.0	1.75			4							0.0
33	1				1	Coil como-	Refu	sal at 34.0 ft bgs	8.5 ft hør			0.0
~ ~]	Temporary	monitoring wel	l installed; depth to water 27	7.44 ft bgs			0.0
34	-				1	G	W sample VTX-	TW-5 collected at 12:51 hrs	-			0.0
MODI	FIER	SAND AND	GRAVEL	SILT	AND CLAY	LOCATION:		Near NW corner of prop	erty	WE	LL CON	ISTRUCTION
1 - 10% 10 - 20%	Trace	Density Very loose	Blows (N) 0 - 4	Consistency Very soft	Blows (N)	N DEPTH:	15	DEPTH/TYPE PACK	-		1	Screen 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 8-15	MATERIAL:	PVC	BACKFILL MATERIAL:				Bentonite
		Very Dense	>50	Very Stiff	15 - 30	SCREEN INTERVAL:	5'-15'	ROADBOX DESC.:	-			Sand
NOTEC				Hard	>30	LENGTH OF RISER:	5					Grout
1. Soils are visu	ally classified	in general accord	lance with the I	Modified Burmist	er Soil Classification Sys	tem.						
2. Sampled from	m interval belo	ow former trench	and where ele	vated PID reading	gs were observed							

			SOIL BOR	ING/MONITO	RING WELL			DESIGNATION		VTV	CD C	
			со	NSTRUCTION	LOG			DESIGNATION		VIX	SB - 0	
			PROJECT:		Ozone	Park		PROJECT NO.:		79	111	
	RT		LOCATION:		101-21 101st Street,	Queens, New York		DRILLER:		Clean	Globe	
						F /0 /2021		INSPECTOR:	Ar	mand	a Turne	r c
	SAMDI EP			SING		3/9/2021	1	GROUNDWATE			·c	0
TYPF	SAMIFLEN	Geoprobe	TYPE	Sleeve	BARREI TYPE	Steel	FLEVA		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	INFORMATIO	N						,	WELL	PID (PPM)
DEPTH	INTERVAL	PEN / REC	BLOWS / 6"	SPT	STRATA CHANGE (Ft/El.)		SOIL	DESCRIPTION		c	ONST	Background/
						0.0 - 0.5: Concrete and	sub-base					Actual
						olo olor concrete and	545 5450					0.0
1		hand auger										0.0
	-	nunu uugei										0.0
2	0.0 - 5.0											0.0
2												0.0
5		- 4										0.0
4		5/1.0										0.0
												0.0
5												0.0
												0.0
ь	1											0.0
7			-									0.0
	5.0 - 10.0	5/1.75										0.0
8												0.0
												0.0
9												0.0
10												0.0
												0.0
11												0.0
	-											0.0
12	10.0 -15.0	5/1.75										0.0
13	•											0.0
						0.5 - 30.0: Brown med	ium grain sand	d with trace sub-angular roo	k, dry to moist and			0.0
14						,	wet at approx	30'; no staining or odors				0.0
												0.0
15	-											0.0
16												0.0
10												0.0
17	15.0 - 20.0	5/2 5										0.0
	15.0 20.0	5,2.5										0.0
18												0.0
19	•											0.0
												0.0
20												0.0
	4											0.0
21	1											0.0
22												0.0
	20.0 - 25.0	5/1.75										0.0
23	4											0.0
	-											0.0
24	1											0.0
25												0.0
	1											0.0
26												0.0
-	4											0.0
27	25.0 - 30.0	5/3.0										0.0
28	1						Boring tern	ninated at 30.0 ft bgs				0.0
	1					Soil sample VT	X-SB-6 collect	ed at 13:50 hrs from 23.5 -	24.0 ft bgs			0.0
29	1					Temporary m	onitoring well	Installed; depth to water 2	4.74 TT Dgs			0.0
	<u> </u>					GW	/ запіріе VIX-	web conected at 14:08 hrs				0.0
MODI	FIER	SAND AND	GRAVEL	SILT	AND CLAY	LOCATION:		Near NW corner of prop	erty		WELL C	
10 - 20%	Little	Very looso	DIOWS (IN)	Very soft	20 DIUWS (IN)				-		1	Risor
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
1	1			наго	>30	LEINGTH UF RISER:	5	1	1			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: <u>NPW</u>: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; <u>SCM</u>: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: <u>NPW:</u> Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; <u>SCM</u>: Dimethylnaphthalene,1,4-Diphenylhydrazine. **SM4500**: <u>NPW</u>: Amenable Cyanide; <u>SCM</u>: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: <u>NPW</u>: 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, LACHAT 10-107-06-1-B: Ammonia-N, EPA 351.1, SM4500NO3-F, EPA 353.2: Nitrate-N, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate. EPA 624.1: Volatile Halocarbons & Aromatics, EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDF, DDT, Endosulfan I, Endosulfan II,

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	Service Centers Mahwah, NJ 07430; 15 Whitney Albany, NY 12205; 14 Walker W Tonawanda, NY 14150; 275 Con	Page of 2			Date Rec'd In Lab SIII122					ALPHA JOD # 122894545			
Westborough, MA 01981 8 Welkup Dr. TEL: 508-896-9220 FAX: 506-898-9193	Mansfield, MA 02048 329 Farbes Blvd TEL 508-822-9300 FAX 508-822-3268	Project Information Project Name: OZONL PAM Project Location: 101-21 101-27 57, OULONS, NV					Deliverables Image: Deliverables					Billing Information		
Client Information		Project # +++++++++++++++++++++++++++++++++++						Other			Discourse Discus de la contraction	Disposal Pite Information		
Client: VERUEX	17 11 9 12 000	Use Project name as Project #)						latory Red	ureme	W	Disposal Site Information			
Address DILLIFIL WATE OF		IProject Manager: MACICA IMM VUCUD						AWO Stan	dante	H	Please identify below location applicable disposal facilities.	applicable disposal facilities.		
Phone:		TURNALUDIE #:						NV Restricted Use COlbar				Disposal Facility:		
Fax:	deviana Lava	Standard Due Date:					NY Unrestricted Use				NJ NY			
These samples have b	an previously analyze	ad by Alpha									Sample Filtration	17		
Please specify Metals	or TAL.	151114					S	Xs				Done Lab to do Preservation Lab to do (Please Specify below)	e al E o t	
ALPHA Lab ID		mple ID Colle		ection Sample		Sampler's	18	S S			11		A	
(Lab Use Unly)	2.01.01	14	Date	Time	Matrix	Initials	2	1	-			Sample Specific Comments	e	
24545 1	V1X-50-1	(300-30,5)	519/2022	11:57	5	KT	X	X	-				5	
	VIX-SD-C	(100-205)	519/2022	10.54	5	AT	X		-			-	- 4	
3	VIX-NO	12 - 11.33	5/10/2012	11.0	0	AT	0	7	-			m unid	4	
4	VIN SA	191-95)	5/10/12	1221	C	AL	\$	X	-			UT HOLD		
6	VTV-SB-C	(235-24.0)	5/9/2022	12:50	3	AT	X	×	-				2	
				2									+	
Preservative Code: A = None B = HCl C = HCl	Container Code P = Plastic A = Amber Glass	Westboro: Certification No: MA935 Mansfield: Certification No: MA015 Preservative				E	A				Please print clearly, leg and completely. Sample	ibly es ca		
D = H ₂ SO _A E = NaOH	G = Glass B = Bacteria Cup					reservative	NN				turnaround time clock will no start until any ambiguities an resolved. BY EXECUTING			
F = MeOH G = NaHSO,	C = Cube O = Other	Relinquished	Date/Tiple			Received By:			Date/Time					
$H = Na_2S_2O_3$ K/E = Zn Ad/NaOH O = Other	E = Encore D = BOD Bottle	Amunda Tune MSMV2 Genu	Studiers/13:30 14 5 10 09 14 30 7		Jach	Ma Allen			5/10/22 13:3		HAS READ AND AGREES TO BE BOUND BY ALPHAY TERMS & CONDITIONS			
Form No: 01-25 HC (rev. 3)	Sept-2013)	2001540000-				110	1	11	-0/	4	100 ARI	(See reverse side.)	<i>4</i> 1	

Westborough, MA 91581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193 NEW YORK CHAIN OF CUSTODY Mansfield, MA 02948 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-9308		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Gooper Ave, Stilte 105			Pag	e Z I Z		Date Rec'd in Lab	5/11/27	ALPHA JOB # L2224545			
		Project Information					Deliv	/erables			Billing Information		
		Project Name tol 21 101 ST, Ocens NY Style Project Location: 10 - 21 101 ST, Queens NY						ASP-A EQuIS (1 File) _ ASP-	·B IS (4 File)	Same as Client Info		
Client Information		Project # 79111	2			1		Other			11	_	
Client: VEPTEX		(Use Project name as Project #)						ulatory Require	ment		Disposal Site Information		
Address 3322 pt 2	210, 516905	Project Manager: Madalyn VUID						NY TOGS	NY P	art 375	Please identify below location of		
brancharg N	Outro	ALPHAQuote #: V						AWQ Standard	I NY C	P-51	applicable disposal facilities.		
Phone:		Turn-Around Time						NY Restricted U	Ise Other	1	Disposal Facility		
Fax:	and stars and	Standard Due Pate:						NY Unrestricted	Use		YA LA		
Email: MUSUS(2)	ren exerci, com	# of Rays: 4-100P					NYC Sewer Discharge				Other		
Other project specific	een previously analyze	ed by Alpha					ANA	LYSIS	T dt		Sample Filtration	- F	
Please specify Metals	or TAL.						S	g			Done Lab to do Preservation Lab to do (Please Specify below)		
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AUEUS 7	VAN TIN		Date	Time	Mainx	hindis	5	171	-		Sample Specific Comments	0	
0100 1	VTX-TW-Z VTX-TW-Z VTX-TW-3 VTX-TW-3 VTX-TW-5		SPILL	16.14	600	KI	3	A				2	
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11			SIMPI	12:51	GUS	AA	1	1211				2	
12			5917.	14:08	Gin	AT	X					2	
8	VTY-SV-	2	3/9/72	14:55	GW	AT	X					3	
Preservative Code:	Container Gode	Westburg Contifection N			-							E	
A = None P = F B = HCl A = A C = HNO ₁ V = V	P = Plastic A = Amber Glass V = Vial	Mansfield: Certification N		Container Type		VA				Please print clearly, legibly and completely. Samples c not be logged in and			
E = NaOH	B = Bacteria Cup	Preservativ					D	N			turnaround time clock will r start until any ambiguities	nol.	
F = MeOH	C = Cube	Relinquished By: jb Date			fime	1	Recei	ved By:	Date	/Time	resolved. BY EXECUTING		
$H = Na_3S_4O_3$ $H = Na_3S_4O_3$ D = Order $D = BOD Bailter$		Annanda Turner sla			13:30	KGMR	forde	20	BLIDE	2 13:30	THIS COC, THE CLIENT HAS READ AND AGREES		
0 = Other		Statucia alean Shi		5 10 00	np. 2º flett		2X	Freece	12/2	- 2400	TO BE BOUND BY ALPHA'S TERMS & CONDITIONS		
Form No: 01-25 HC (rev. 30	-Sept-2013)	1000	ML 5	14/22	2020	allen	ly	Horan	Blulas	2 02:00	(See reverse side.)	1	

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-Terpineol

EPA 8260C/8260D: <u>NPW</u>: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; <u>SCM</u>: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D/8270E: <u>NPW:</u> Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; <u>SCM</u>: Dimethylnaphthalene,1,4-Diphenylhydrazine. **SM4500**: <u>NPW</u>: Amenable Cyanide; <u>SCM</u>: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: <u>NPW:</u> 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, LACHAT 10-107-06-1-B: Ammonia-N, EPA 351.1, SM4500NO3-F, EPA 353.2: Nitrate-N, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate. EPA 624.1: Volatile Halocarbons & Aromatics, EPA 608.3: Chlordane Toxanbene Aldrin alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin DDD, DDE, DDT, Endosulfan I, Endosulfan II,

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.

320 Forbes Blvd, Mar TEL: 508-822-9300 Client Information Client: VP/4cx Address: 3322 0	AIR A CHAIN OF CUSTODY nsfield, MA 02048 FAX: 508-822-3288		SIS	F	PAGE	OF 1	-		-	- 4 -			1						
320 Forbes Blvd, Mar TEL: 508-822-9300 Client Information Client: Vritry Address: 3322 0	nsfield, MA 02048 FAX: 508-822-3288	Project	Information								12	ALPHA Job #: 1222454							
Client Information Client: VP/Jrx Address: 3322 0	FAX: 508-822-3288	Project Information					Repo	Report Information - Data Deliverables						Billing Information					
Client: Vr/1rx Address: 3322 0	TEL: 508-822-9300 FAX: 508-822-3288			Project Name:					G FAX						Same as Client info PO#				
Address: 3322 0		Project Location: QUARUS, NY					Criteria Checker:												
Address: 3322 (Address 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			Project #: 79111					(Default based on Regulatory Criteria Indicated) Other Formats										
P	Project Manager Madulyn Kulus ALPHA Quote #:					Additional Deliverables:						Regulatory Requirements/Report Lim							
Phone:												Stat	State/Fed Program Res / C						
Fax:		Standard					rveport to: (if different than Project Manager)						nung	DOH					
Email: MIS JUS	Querlos par 1000						-					_	-	_					
These samples have	Date Due: Time:											17	ANA	ALYS	SIS				
Other Project Spe	ecific Requirements/Comr	nents:					-						11	12	0.15				
Project-Specific T	Target Compound List:											1	11		14	11			
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ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample	Sampler's	Can	ID	ID - Flow	-15	15 SIN	eo Ga	//	/			
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03	TY SCA		1057	1258	-90,54	-8,61				280	02170	X		1					
04	UTX-SUS		1145	1541	-30.17	-7,40				2443	102107	X							
05	TIX-SUM	1	1233	1450	-30,17	-8.40				204	02142	X,							
	11X-305	V	1249	1451	-30,10	-6,22	V	V	V	904	01527	X							
			-	-															
					-				-										
										-									
		- Ambly	41-41-1								_								
*SAMPLE M	MATRIX CODES SV Ott	= Soil Vap er = Please	or/Landfill G Specify	as/SVE				Ca	ontainer	Туре		cs				Please print clea	rly, legibly and		
	0	Relinquished By:			Date/Time			Received By:				Da	ate/Tim	Time:		logged in and turnaround time clock will not start until any amb			
	n /13:46			5/10/22		MGM	HEND,	5/10				22 13:4			guities are resolved. All samples submitted are subject to Alpha's				
m No: 101-02 Rev: (25-Sep-	15) Stalia	14, 94	Th		2/10/2	219:50	77	un y	Fue	ic .	-	10	÷ =	100	1	ferms and Cond See reverse side	lions.		
Appendix F

Photographs

OVING 468 Subject Property Building Exterior Subject Property Building Exterior Subject Property Building Exterior Subject Property Building Exterior

























101-21 101st Street, Queens, NY 11416



Subject Property Building Interior

Subject Property Building Interior



Subject Property Building Interior

Subject Property Building Interior

101-21 101st Street, Queens, NY 11416



bject Property Hydraulic Elevator, Elevato Room, and Maintenance Materials Subject Property Hydraulic Elevator Room

101-21 101st Street, Queens, NY 11416



Room







Subject Property Building Interior







Subject Property Building Interior Subject Property Building Interior

Subject Property Building Interior

Subject Property Building Interior











101-21 101st Street, Queens, NY 11416



Soil Probe Installation at Subject Property


















Appendix G

User Questionnaire



ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Su	bject Property Name <u>: 101-21 101st Street</u>	Touchstone Pro	ject # <u>:</u>	
Ac	Idress: 101-21 101st Street, Queens, NY 1123	1		
Su	bject Property Owner <u>: MRA LLC</u>		Purchase Date <u>:</u>	12/20/99
Oı	n-Site Property Contact <u>: James Rueda</u>	Telephone <u>: 917 33</u>	35 2064	
Fa	x <u>:</u>	Email:	jamesrueda101@	gmail.com
	President	James Rusdi	r	08/17/2023
Yo	our Name and title	Signature		Date
Nu	umber of years you have been associated with th	e Subject Property		
١.	Describe the current uses of the property noting tenant na No chemical or oil usage.	mes and oil/chemical usage	Moving and S Company.	torage
2.	Describe the past uses of the property noting tenant name Machine shop, former Ozone Industries s	s and oil/chemical usage <u>.</u> site; see Phase I ESA	for details.	
3.	(Y) (N) Has a previous environmental site assessment rep Can TOUCHSTONE have a copy? Yes. see current	ort been prepared for the Phase I ESA.	property? If yes, for	what reason?

- 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? <u>Yes, see Comprehensive Site Assessment</u>.
- 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? <u>Evidence of historic contamination ientified, see Comprehensive Site Assessment.</u>
- 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? <u>See Phase I ESA</u>.
- 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? <u>See Phase I ESA</u>.

- 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? <u>See Phase I ESA</u>.
- II. (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<u>? No; see Phase I ESA for historic activities.</u>
- 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.

- 19. Additional comments and/or pertinent information relevant to this Phase I ESA: N/A

Appendix H

Soil Probe Logs

Touchs	tone Environmental Geology, PC	Soil P	Soil Probe Log (SP-1)				
	Date:	6/14/2023	Total Depth	10 feet			
	Location:	101-21 101st Street	Sampling Interval:	2.5 feet			
		Queens, New York 11416	Sampling Method:	Grab			
	Boring No:	SP-1	Driller:	Coastal Environmental Solutions, Inc.			
	Drilling Method:	Geoprobe	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					

Touchs	tone Environmental Geology, PC	Soil Pr	robe Log (SP-2)	
	Date:	6/14/2023	Total Depth	12.5 feet
	Location:	101-21 101st Street	Sampling Interval:	2.5 feet
		Queens, New York 11416	Sampling Method:	Grab
	Boring No:	SP-2	Driller:	Coastal Environmental Solutions, Inc.
	Drilling Method:	Geoprobe	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

Touchs	tone Environmental Geology, PC	Soil Probe Log (SP-3)					
	Date:	6/14/2023	Total Depth	12.5 feet			
	Location:	101-21 101st Street	Sampling Interval:	2.5 feet			
		Queens, New York 11416	Sampling Method:	Grab			
	Boring No:	SP-3	Driller:	Coastal Environmental Solutions, Inc.			
	Drilling Method:	Geoprobe	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			

Touchs	tone Environmental Geology, PC	Soil Probe Log (SP-4)					
	Date:	6/14/2023	Total Depth	12.5 feet			
	Location:	101-21 101st Street	Sampling Interval:	2.5 feet			
		Queens, New York 11416	Sampling Method:	Grab			
	Boring No:	SP-4 (Basement)	Driller:	Coastal Environmental Solutions, Inc.			
	Drilling Method:	Hand Auger	Depth to Water:	N/A			
Deptł	n 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			

Touchs	tone Environmental Geology, PC	Soil Probe Log (SP-5)					
	Date:	6/14/2023	Total Depth	12.5 feet			
	Location:	101-21 101st Street	Sampling Interval:	2.5 feet			
		Queens, New York 11416	Sampling Method:	Grab			
	Boring No:	SP-5	Driller:	Coastal Environmental Solutions, Inc.			
	Drilling Method:	Geoprobe	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

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June 20, 2023

Sample Informa	ation	Custody Inform	nation	Date	<u>Time</u>
Matrix:	SOIL	Collected by:		06/14/23	10:45
Location Code:	TOUCHSTONE	Received by:	LB	06/15/23	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					00000

Laboratory Data

SDG ID: GCO29616 Phoenix ID: CO29616

Project ID:	
Client ID:	

101-21 101ST STREET QUEENS, NY SP-1 (2.5`-5`)

		RL/						
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	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	

		RL/					
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	Reference
Total Metals Digest	Completed				06/16/23	P/AG	SW3050B
Volatiles							
1.1.1.2-Tetrachloroethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1.1.1-Trichloroethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1.1.2.2-Tetrachloroethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1.1.2-Trichloroethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1.1-Dichloroethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 1-Dichloroethene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 1-Dichloropropene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 2 3-Trichlorobenzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 2 3-Trichloropropane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 2 4-Trichlorobenzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 2 4-Trimethylbenzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 2-Dibromo-3-chloropropane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 2-Dibromoethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 2-Dichlorobenzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 2-Dichloroethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 2-Dichloropropage	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1.3.5-Trimethylbenzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 3-Dichlorobenzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 3-Dichloropropage	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
1 4-Dichlorobenzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
2 2-Dichloropropage	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
2-Chlorotoluene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
2-Hexanone	ND	31	ua/Ka	1	06/16/23	JLI	SW8260C
2-Isopropyltoluene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C ¹
4-Chlorotoluene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
4-Methyl-2-pentanone	ND	31	ua/Ka	1	06/16/23	JLI	SW8260C
Acetone	ND	31	ua/Ka	1	06/16/23	JLI	SW8260C
Acrylonitrile	ND	12	ua/Ka	1	06/16/23	JLI	SW8260C
Benzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Bromobenzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Bromochloromethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Bromodichloromethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Bromoform	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Bromomethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Carbon Disulfide	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Carbon tetrachloride	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Chlorobenzene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Chloroethane	ND	6.2	ug/Kg	1	06/16/23	JLI	SW8260C
Chloroform	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Chloromethane	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
cis-1 2-Dichloroethene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
cis-1.3-Dichloropropene	ND	6.2	ua/Ka	1	06/16/23	JLI	SW8260C
Dibromochloromethane	ND	6.2	ua/Ka	1	06/16/23	 JI I	SW8260C
Dibromomethane	ND	6.2	ua/Ka	1	06/16/23	.]	SW8260C
Dichlorodifluoromethane	ND	6.2	ua/Ka	1	06/16/23	.]	SW8260C
Ethylbenzene	ND	6.2	ua/Ka	1	06/16/23	JII	SW8260C
Hexachlorobutadiene	ND	6.2	ua/Ka	1	06/16/23		SW8260C
			- 5, 9	•			

Parameter Result PQL Units Dilution Date/Time By Reference	nce
	100
Isopropylbenzene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
m&p-Xylene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	0
Methyl Ethyl Ketone ND 31 ug/Kg 1 06/16/23 JLI SW8260	2
Methyl t-butyl ether (MTBE) ND 12 ug/Kg 1 06/16/23 JLI SW8260	2
Methylene chloride ND 12 ug/Kg 1 06/16/23 JLI SW8260	2
Naphthalene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
n-Butylbenzene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
n-Propylbenzene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
o-Xylene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	0
p-Isopropyltoluene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
sec-Butylbenzene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
Styrene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
tert-Butylbenzene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
Tetrachloroethene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	C
Tetrahydrofuran (THF) ND 12 ug/Kg 1 06/16/23 JLI SW8260	2
Toluene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	0
Total Xylenes ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
trans-1,2-Dichloroethene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
trans-1,3-Dichloropropene ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	C
trans-1,4-dichloro-2-butene ND 12 ug/Kg 1 06/16/23 JLI SW8260	0
Trichloroethene 650 470 ug/Kg 50 06/16/23 JLI SW8260	2
Trichlorofluoromethane ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
Trichlorotrifluoroethane ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	C
Vinyl chloride ND 6.2 ug/Kg 1 06/16/23 JLI SW8260	2
QA/QC Surrogates	
% 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	%
Semivolatiles	
1,2-Dichlorobenzene ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
1,2-Diphenylhydrazine ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
1,3-Dichlorobenzene ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
1,4-Dichlorobenzene ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
2,2'-Oxybis(1-Chloropropane) ND 250 ug/Kg 1 06/16/23 KCA SW8270) 1
2,4-Dinitrotoluene ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
2,6-Dinitrotoluene ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
2-Chloronaphthalene ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
2-Methylnaphthalene ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
2-Nitroaniline ND 1100 ug/Kg 1 06/16/23 KCA SW8270	C
3,3'-Dichlorobenzidine ND 1500 ug/Kg 1 06/16/23 KCA SW8270	C
3-Nitroaniline ND 1100 ug/Kg 1 06/16/23 KCA SW8270	C
4-Bromophenyl phenyl ether ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
4-Chloroaniline ND 250 ug/Kg 1 06/16/23 KCA SW8270	C
4-Chlorophenyl phenyl ether ND 250 ug/Kg 1 06/16/23 KCA SW8270	C

		RL/					
Parameter	Result	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 %

Project ID: 101-21 101ST STREET QUEENS, NY Phoenix I.D.: CO29616 Client ID: SP-1 (2.5`-5`) RL/ Parameter Result PQL Units Dilution Date/Time By Reference

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

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June 20, 2023

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SOIL	Collected by:		06/14/23	11:00
Location Code:	TOUCHSTONE	Received by:	LB	06/15/23	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					00000

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	ТН	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	

		RL/						
Parameter	Result	PQL	Ur	nits	Dilution	Date/Time	By	Reference
Total Metals Digest	Completed					06/16/23	P/AG	SW3050B
Volatiles								
1.1.1.2-Tetrachloroethane	ND	5.2	uq	/Kg	1	06/16/23	JLI	SW8260C
1.1.1-Trichloroethane	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1.1.2.2-Tetrachloroethane	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1.1.2-Trichloroethane	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1.1-Dichloroethane	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1 1-Dichloroethene	ND	5.2	ua	/Ka	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	uq	/Kg	1	06/16/23	JLI	SW8260C
1.2.3-Trichloropropane	ND	5.2	uq	/Kg	1	06/16/23	JLI	SW8260C
1.2.4-Trichlorobenzene	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1 2 4-Trimethylbenzene	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1.2-Dibromo-3-chloropropane	ND	5.2	uq	/Kg	1	06/16/23	JLI	SW8260C
1 2-Dibromoethane	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1 2-Dichlorobenzene	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1 2-Dichloroethane	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1 2-Dichloropropane	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1 3 5-Trimethylbenzene	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1 3-Dichlorobenzene	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
1 3-Dichloropropane	ND	5.2	-g ua	/Ka	1	06/16/23	JLI	SW8260C
1.4-Dichlorobenzene	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
2.2-Dichloropropane	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
2-Chlorotoluene	ND	5.2	ua	/Ka	1	06/16/23	JLI	SW8260C
2-Hexanone	ND	26	ua	/Ka	1	06/16/23	JLI	SW8260C
2-Isopropyltoluene	ND	5.2	ua	/Ka	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	uq	/Kg	1	06/16/23	JLI	SW8260C
Acetone	ND	26	uq	/Kg	1	06/16/23	JLI	SW8260C
Acrylonitrile	ND	10	uq	/Kg	1	06/16/23	JLI	SW8260C
Benzene	ND	5.2	uq	/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	ua	/Kg	1	06/16/23	JLI	SW8260C
Dibromomethane	ND	5.2	uq	/Kg	1	06/16/23	JLI	SW8260C
Dichlorodifluoromethane	ND	5.2	uq	/Kg	1	06/16/23	JLI	SW8260C
Ethylbenzene	ND	5.2	uq	/Kg	1	06/16/23	JLI	SW8260C
Hexachlorobutadiene	ND	5.2	ug	/Kg	1	06/16/23	JLI	SW8260C
			•					

		RL/					
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	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
QA/QC Surrogates							
% 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 %
Semivolatiles							
1.2-Dichlorobenzene	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1.2-Diphenvlhvdrazine	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'-Oxvbis(1-Chloropropane)	ND	240	ug/Kg	1	06/16/23	AW	SW8270D 1
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-Chlorophenvl phenvl ether	ND	240	ua/Ka	1	06/16/23	AW	SW8270D
4-Nitroaniline	ND	990	ua/Ka	1	06/16/23	AW	SW8270D
Acenaphthene	ND	240	ua/Ka	1	06/16/23	AW	SW8270D
Acenaphthylene	ND	240	ua/Ka	1	06/16/23	AW	SW8270D
Anthracene	ND	240	ua/Ka	1	06/16/23	AW	SW8270D
			-99	-			

_		RL/				_	
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	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 %

		RL/						
Parameter	Result	PQL	Units	Dilution	Date/Time	By	Reference	

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

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June 20, 2023

Sample Information		Custody Inforn	Custody Information				
Matrix:	SOIL	Collected by:		06/14/23	12:30		
Location Code:	TOUCHSTONE	Received by:	LB	06/15/23	16:00		
Rush Request:	72 Hour	Analyzed by:	see "By" below				
P.O.#:					000000		

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	ΤН	SW6010D	
Arsenic	1.25	0.61	mg/Kg	1	06/20/23	ΤН	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	ΤН	SW6010D	
Calcium	326	4.6	mg/Kg	1	06/20/23	ΤН	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	ΤН	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	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	
<u>Volatiles</u>								
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	1
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	

Deremeter	Decult	RL/	Linito	Dilution	Data/Tima	D.	Deference
	Result	FQL	Units	Dilution	Date/Time	Бу	Relefence
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
QA/QC Surrogates							
% 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 %
Semivolatiles							
1 2 Dichlorobonzono	ND	240	ua/Ka	1	06/16/23	۸۱۸/	SW/8270D
		240	ug/Kg	1	06/16/23		SW(8270D
		240	ug/Kg	1	06/16/23		SW0270D
		240	ug/Kg	1	06/16/23		SW0270D
1,4-Dichlorobenzene		240	ug/Kg	1	06/16/23		SW0270D 1
2,2-Oxybis(1-Chioropropane)		240	ug/Kg	1	06/16/23		SW0270D
2,4-Dinitrotoluene		240	ug/Kg	1	06/16/23		SW0270D
2,6-Dinitrotoluene		240	ug/Kg	1	06/16/23		SW0270D
2-Chioronaphthalene		240	ug/Kg	1	06/16/23		SW8270D
	ND	240	ug/Kg	1	06/16/23	AVV	SW8270D
2-Nitroaniline	ND	980	ug/Kg	1	06/16/23	AVV	SW8270D
3,3'-Dichlorobenzidine	ND	1400	ug/Kg	1	06/16/23	AVV	SW8270D
3-Nitroaniline	ND	980	ug/Kg	1	06/16/23	AVV	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/ POI	l Inits	Dilution	Date/Time	Bv	Reference
Panz(a)anthracana	ND	240		1	06/16/22	<u></u>	SW(8270D
Bonzidino		240	ug/Kg	1	06/16/23		SW(270D
Bonzo(a)pyropo		240	ug/Kg	1	06/16/23		SW(270D
Benzo(a)pyrene		240	ug/Kg	1	06/16/23		SW(270D
Benzo(db)hdoranthene		240	ug/Kg	1	06/16/23		SW0270D
Benzo(k)fluorenthene		240	ug/Kg	1	06/16/23		SW0270D
Benzoia agid		690	ug/Kg	1	06/16/23		SW0270D
		240	ug/Kg	1	06/16/23		SW0270D
Berizyi alconol		240	ug/Kg	1	06/16/23		SW0270D
Benzyi butyi phthalate		240	ug/Kg	1	06/16/23		SW0270D
Bis(2-chloroethoxy)methane		240	ug/Kg	1	06/16/23		SW0270D
Bis(2-chloroethyl)ether	ND	240	ug/Kg	1	06/16/23		SW8270D
Bis(2-ethylnexyl)phthalate	ND	240	ug/Kg	1	06/16/23	AVV	SW8270D
Chrysene	ND	240	ug/Kg	1	06/16/23	AVV	SW8270D
Dibenz(a,h)anthracene	ND	240	ug/Kg	1	06/16/23	AVV	SW8270D
Dibenzofuran	ND	240	ug/Kg	1	06/16/23	AVV	SW8270D
Diethyl phthalate	ND	240	ug/Kg	1	06/16/23	AVV	SW8270D
Dimethylphthalate	ND	240	ug/Kg	1	06/16/23	AVV	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 %

		RL/					
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	Reference

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

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June 20, 2023

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	SOIL	Collected by:		06/14/23	13:00
Location Code:	TOUCHSTONE	Received by:	LB	06/15/23	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					00000

Laboratory Data

SDG ID: GCO29616 Phoenix ID: CO29619

Project ID:	
Client ID:	

101-21 101ST STREET QUEENS, NY SP-5 (2.5`-5`)

		RL/						
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	Reference	
Silver	< 0.37	0.37	mg/Kg	1	06/20/23	ΤН	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	1
Mercury Digestion	Completed				06/16/23	AL/AL	SW7471B	
Soil Extraction for SVOA	Completed				06/15/23	H/M/A	SW3546	

Parameter Result PQL Units Dilution Date/Time By Reference Total Metals Digest Completed 001023 PAB \$W30508 Volatiles 1 001023 JLI \$W1200C 1,1,1,2-Tertrachioroethane ND 4.9 up/Kg 1 001023 JLI \$W1200C 1,1,2-Tertrachioroethane ND 4.9 up/Kg 1 001023 JLI \$W1200C 1,1,2-Tertrachoroethane ND 4.9 up/Kg 1 001623 JLI \$W1200C 1,1,2-Tertrachoroethane ND 4.9 up/Kg 1 001623 JLI \$W1280C 1,12-Tertrachoroethane ND 4.9 up/Kg 1 001623 JLI \$W1280C 1,2-STrindhroboraene ND 4.9 up/Kg 1 001623 JLI \$W1280C 1,2-Dibromechane ND 4.9 up/Kg 1 001623 JLI \$W1280C 1,2-Dibrohorophane N			RL/					
Total Metals Digest Completed 98/1623 P/AG SW3000B Volatiles	Parameter	Result	PQL	Units	Dilution	Date/Time	By	Reference
Volatiles 1,1,2-Toriachioroshane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1,1,2-Toriachioroshane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1,1,2-Trichoroshane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1,1-Dichoroshane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1,1-Dichoroshane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1,2,3-Trichloropopane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1,2,4-Trichlorobanzene ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1,2-Dichorobanzene ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1,2-Dichorobanzene ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1,2-Dichoropropane ND 4.9 ug/kg	Total Metals Digest	Completed				06/16/23	P/AG	SW3050B
1,1,2-Tertachloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1,1,1-Tichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1,1,2-Tichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1,1,2-Tichloroethane 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 1,2-3-Tichlorophorzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1,2-4-Tichlorophorzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1,2-Dibrono-3-chlorophorzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1,2-Dibrono-3-chlorophorzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1,2-Dichloroethane ND 4.9 ug/Kg	Volatiles							
1,1-Trichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW260C 1,1,2-Trichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW260C 1,1-Dichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW260C 1,1-Dichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW260C 1,2-STrichloroptopene ND 4.9 ug/Kg 1 06/16/23 JLI SW260C 1,2-STrichloroptopane ND 4.9 ug/Kg 1 06/16/23 JLI SW260C 1,2-ATrichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW260C 1,2-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW260C 1,2-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW260C 1,2-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/2	1.1.1.2-Tetrachloroethane	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1,1,2,2-Tetrachloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW280C 1,1,2-Tichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW280C 1,1-Dichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW280C 1,1-Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW280C 1,2,3-Trichloroporpane ND 4.9 ug/Kg 1 06/16/23 JLI SW280C 1,2,4-Trichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW280C 1,2,4-Trichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW280C 1,2-Dichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW280C 1,2-Dichloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW280C 1,2-Dichloroethane ND 4.9 ug/Kg 1 0	1.1.1-Trichloroethane	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1,12-Trichloroethane ND 4.9 ug/kg 1 06/1623 JLI SW2280C 1,1-Dichloroethane ND 4.9 ug/kg 1 06/1623 JLI SW2260C 1,1-Dichloropropene ND 4.9 ug/kg 1 06/1623 JLI SW2260C 1,2,3-Trichlorobenzene ND 4.9 ug/kg 1 06/1623 JLI SW2260C 1,2,4-Trinethybenzene ND 4.9 ug/kg 1 06/1623 JLI SW2260C 1,2,4-Trinethybenzene ND 4.9 ug/kg 1 06/1623 JLI SW2260C 1,2-Dichlorobenzene ND 4.9 ug/kg 1 06/1623 JLI SW2260C 1,2-Dichloropropane ND 4.9 ug/kg 1 06/1623 JLI SW2260C 1,2-Dichloropropane ND 4.9 ug/kg 1 06/1623 JLI SW2260C 1,3-Dichloropropane ND 4.9 ug/kg 1 06/162	1 1 2 2-Tetrachloroethane	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1.1 Disk 4.9 ug/kg 1 06/16/23 JLI SW2260C 1,1-Dichloropropene ND 4.9 ug/kg 1 06/16/23 JLI SW2260C 1,2.3-Trichlorobenzene ND 4.9 ug/kg 1 06/16/23 JLI SW2260C 1,2.3-Trichlorobenzene ND 4.9 ug/kg 1 06/16/23 JLI SW2260C 1,2.4-Trichlorobenzene ND 4.9 ug/kg 1 06/16/23 JLI SW2260C 1,2.4-Trichlorobenzene ND 4.9 ug/kg 1 06/16/23 JLI SW2260C 1,2.0-Lohrocenthane ND 4.9 ug/kg 1 06/16/23 JLI SW2260C 1,2.0-Lohrocenthane ND 4.9 ug/kg 1 06/16/23 JLI SW2260C 1,3.5-Trimethybenzene ND 4.9 ug/kg 1 06/16/23 JLI SW2260C 1,3.5-Trimethybenzene ND 4.9 ug/kg 1 06	1.1.2-Trichloroethane	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1.1-Dichloropripene 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-Trichloropropane 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-Trinethylbenzene ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1.2-Dichorom-3-chloropropane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1.2-Dichoropropane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1.2-Dichoropropane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 1.3-Dichorobanzane ND 4.9 ug/kg 1 06/16/23 JLI SW8260C 2-Dichoropropane ND 4.9 ug/kg 1	1.1-Dichloroethane	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
I. Dickloropropene ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 1,2,3-Trichloropropene ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 1,2,3-Trichloroperpene ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 1,2,4-Trichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 1,2-Ditromo-shane ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 1,2-Dichorosethane ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 1,3-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 1,3-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 1,3-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 2,2-Dichloropopane ND 4.9 ug/Kg 1 06/16/23<	1 1-Dichloroethene	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1.2.3-Trichlorozberzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 1.2.3-Trichlorozberzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 1.2.4-Triinehrybenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 1.2-Dibromo-3-chioropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 1.2-Dibromo-a-chioropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 1.2-Dibrionobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 1.2-Dibrioropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 1.3-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 2.2-Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 2.2-Siporpylioluene ND 4.9 ug/Kg	1 1-Dichloropropene	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1.2.3-Trichlorobenzene ND 4.9 ug/kg 1 06/16/23 JL SW8260C 1.2.4-Trichlorobenzene ND 4.9 ug/kg 1 06/16/23 JL SW8260C 1.2.4-Trichlytbenzene ND 4.9 ug/kg 1 06/16/23 JL SW8260C 1.2-Dibtromethane ND 4.9 ug/kg 1 06/16/23 JL SW8260C 1.3-Dibtromorpona ND 4.9 ug/kg 1 06/16/23 JL SW8260C 2.2-Dibtrobenzene ND 4.9 ug/kg 1 06/16/23 JL SW8260C 2.2-Dibtrobenzene ND 4.9 ug/kg 1 06/16/23	1 2 3-Trichlorobenzene	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
12,4-Trichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 12,4-Trimethylbenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1,2-Dibrono-schloropropane 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-Dichlorobenzene 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-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-Isborropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-Isborropritoluene ND 4.9 ug/Kg 1 <t< td=""><td>1.2.3-Trichloropropane</td><td>ND</td><td>4.9</td><td>ug/Kg</td><td>1</td><td>06/16/23</td><td>JLI</td><td>SW8260C</td></t<>	1.2.3-Trichloropropane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
I.2.4-Trimethylbenzene ND 4.9 ug/kg 1 06/1623 JLI SW8260C 1.2-Dibromo-3-chioropropane ND 4.9 ug/kg 1 06/1623 JLI SW8260C 1.2-Dibrombentane ND 4.9 ug/kg 1 06/1623 JLI SW8260C 1.2-Dichorobenzene ND 4.9 ug/kg 1 06/1623 JLI SW8260C 1.3-Dichorobenzene ND 4.9 ug/kg 1 06/1623 JLI SW8260C 1.3-Dichorobenzene ND 4.9 ug/kg 1 06/1623 JLI SW8260C 1.4-Dichorobenzene ND 4.9 ug/kg 1 06/1623 JLI SW8260C 2.2-Dichorobenzene ND 4.9 ug/kg 1 06/1623 JLI SW8260C 2.2-Dichorobenzene ND 4.9 ug/kg 1 06/1623 JLI SW8260C 2.4-Exanone ND 2.4 ug/kg 1 06/1623	1 2 4-Trichlorobenzene	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
Instrument Instrum	1 2 4-Trimethylbenzene	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1.2-Dibromethane 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-Dichloroptopane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1.3-Dichloroptopane 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-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2.2-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2Chorotoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-lopropyltoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-chorotoluene ND 2.4 ug/Kg 1 06/16/23	1.2-Dibromo-3-chloropropane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1.2-Dichlorobenzzne ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1.2-Dichlorobertane 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-Dichlorobenzene 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 2.2-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2.4-bicknorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-lexanone ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-lexanone ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-lexanone ND 4.9 ug/Kg 1 06/16/23 JLI </td <td>1.2-Dibromoethane</td> <td>ND</td> <td>4.9</td> <td>ug/Kg</td> <td>1</td> <td>06/16/23</td> <td>JLI</td> <td>SW8260C</td>	1.2-Dibromoethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
1.2-Dichlorozethane ND 4.9 ug/Kg 1 06/16/23 JL SW8280C 1.2-Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 1.3-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 1.3-Dichlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 2.2-Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8280C 2.2-Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-Stopropytoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-lsopropytoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-lsopropytoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 4-Chlorotoluene ND 4.9 ug/Kg 1 06/16/23	1 2-Dichlorobenzene	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1.2.Dichloropropane 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 1.3.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 2Chorotoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-Hexanone ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-ketone ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Actono ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Actono 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
1,3,5-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-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 2,2-Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-Shoropyltoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-lsopropyltoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-lsopropyltoluene ND 24 ug/Kg 1 06/16/23 JLI SW8260C 4-chlorotoluene ND 24 ug/Kg 1 06/16/23 JLI SW8260C Acetone ND 24 ug/Kg 1 06/16/23 <t< td=""><td>1.2-Dichloropropane</td><td>ND</td><td>4.9</td><td>ug/Kg</td><td>1</td><td>06/16/23</td><td>JLI</td><td>SW8260C</td></t<>	1.2-Dichloropropane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
I.3.Dichioropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1.3.Dichioropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2Dichloropropane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2Horotoluene 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-Acthorotoluene ND 2.4 ug/Kg 1 06/16/23 JLI SW8260C Acrotone ND 2.4 ug/Kg 1 06/16/23 JLI SW8260C Bromobenzene ND 4.9 ug/Kg 1 06/16/23 JLI	1 3 5-Trimethylbenzene	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1.3-Dichloropropane 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 2.2-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 4.9 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 Acetone ND 9.8 ug/Kg 1 06/16/23 JLI SW8260C Bromobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromodichloromethane ND 4.9 ug/Kg 1 06/16/23 JLI	1.3-Dichlorobenzene	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
1.4-Dickhörobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2,2-Dickhoropropane 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 2.4 ug/Kg 1 06/16/23 JLI SW8260C 1 2-lsopropyltoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1 4-Chlorotoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 4-Methyl-2-pentanone ND 2.4 ug/Kg 1 06/16/23 JLI SW8260C Acetone ND 2.4 ug/Kg 1 06/16/23 JLI SW8260C Benzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromochloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromochloromethane ND 4.9 ug	1.3-Dichloropropane	ND	4.9	ua/Ka	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-Isopropyltoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-lsopropyltoluene 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 Acctone ND 9.8 ug/Kg 1 06/16/23 JLI SW8260C Bromobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromodichloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Carbon Disulfide ND 4.9 ug/Kg 1 06/16/23 JLI	1.4-Dichlorobenzene	ND	4.9	ua/Ka	1	06/16/23	JLI	SW8260C
2-Chlorotoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 2-Hexanone ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1 2-Isopropyltoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1 4-Chlorotoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1 4-Methyl-2-pentanone ND 24 ug/Kg 1 06/16/23 JLI SW8260C 1 Accetone ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Benzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromochoromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromochioromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Carbon Disulfide ND 4.9 ug/Kg	2.2-Dichloropropane	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 1 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 Bromobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromothoromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromothoromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Carbon bisulfide ND 4.9 ug/Kg 1 06/16/23 JLI <td>2-Chlorotoluene</td> <td>ND</td> <td>4.9</td> <td>ug/Kg</td> <td>1</td> <td>06/16/23</td> <td>JLI</td> <td>SW8260C</td>	2-Chlorotoluene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
2-Isopropyloluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C 1 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 Bromodichloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromothane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Carbon Disulfide ND 4.9 ug/Kg 1 06/16/23 JLI	2-Hexanone	ND	24	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 Acetone 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 Bromodichloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Carbon Disulfide ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C	2-Isopropyltoluene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C 1
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 Bromochloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromoform ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Carbon Disulfide ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C	4-Chlorotoluene	ND	4.9	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 Carbon Disulfide ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C <td>4-Methyl-2-pentanone</td> <td>ND</td> <td>24</td> <td>ug/Kg</td> <td>1</td> <td>06/16/23</td> <td>JLI</td> <td>SW8260C</td>	4-Methyl-2-pentanone	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 Bromodichloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromoform ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Carbon Disulfide ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	Acetone	ND	24	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 Bromodichloromethane 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 Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chlorobertane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chloroform ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	Acrylonitrile	ND	9.8	ug/Kg	1	06/16/23	JLI	SW8260C
BromobenzeneND4.9ug/Kg106/16/23JLISW8260CBromochloromethaneND4.9ug/Kg106/16/23JLISW8260CBromodichloromethaneND4.9ug/Kg106/16/23JLISW8260CBromoformND4.9ug/Kg106/16/23JLISW8260CBromomethaneND4.9ug/Kg106/16/23JLISW8260CCarbon DisulfideND4.9ug/Kg106/16/23JLISW8260CCarbon tetrachlorideND4.9ug/Kg106/16/23JLISW8260CChlorobenzeneND4.9ug/Kg106/16/23JLISW8260CChlorothaneND4.9ug/Kg106/16/23JLISW8260CChlorothaneND4.9ug/Kg106/16/23JLISW8260CChlorothaneND4.9ug/Kg106/16/23JLISW8260CChlorothaneND4.9ug/Kg106/16/23JLISW8260CCis-1,2-Dichloroethene9.54.9ug/Kg106/16/23JLISW8260CDibromochloromethaneND4.9ug/Kg106/16/23JLISW8260CDibromochloromethaneND4.9ug/Kg106/16/23JLISW8260CDibromochloromethaneND4.9ug/Kg106/16/23JLISW8260CDibromochloromethane <td>Benzene</td> <td>ND</td> <td>4.9</td> <td>ug/Kg</td> <td>1</td> <td>06/16/23</td> <td>JLI</td> <td>SW8260C</td>	Benzene	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 Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chloroform ND 4.9 ug/Kg 1 06/16/23 JLI SW8	Bromobenzene	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Bromodichloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Bromodichloromethane 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 Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chloroform 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 <t< td=""><td>Bromochloromethane</td><td>ND</td><td>4.9</td><td>ug/Kg</td><td>1</td><td>06/16/23</td><td>JLI</td><td>SW8260C</td></t<>	Bromochloromethane	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 Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chloroform ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chloroform ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Cis-1,2-Dichloroethene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C cis-1,3-Dichloropropene ND 4.9 ug/Kg 1 06/16/23 JLI <td< td=""><td>Bromodichloromethane</td><td>ND</td><td>4.9</td><td>ug/Kg</td><td>1</td><td>06/16/23</td><td>JLI</td><td>SW8260C</td></td<>	Bromodichloromethane	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 Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chloroethane 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 ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C cis-1,3-Dichloroptopene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Dibromochloromethane ND 4.9 ug/Kg 1 06/16/23 JLI<	Bromoform	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 Chlorobenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chloroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Chloroethane 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	Bromomethane	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 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 Dichlorodifluoromethane ND 4.9 ug/kg 1 06/16/23 <td< td=""><td>Carbon Disulfide</td><td>ND</td><td>4.9</td><td>ug/Kg</td><td>1</td><td>06/16/23</td><td>JLI</td><td>SW8260C</td></td<>	Carbon Disulfide	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 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<	Carbon tetrachloride	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 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 </td <td>Chlorobenzene</td> <td>ND</td> <td>4.9</td> <td>ug/Kg</td> <td>1</td> <td>06/16/23</td> <td>JLI</td> <td>SW8260C</td>	Chlorobenzene	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 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	Chloroethane	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 Dibromochloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Dibromothane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Dibromothane 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	Chloroform	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 Dibromochloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Dibromothloromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260C Dibromothloromethane 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	Chloromethane	ND	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 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	cis-1,2-Dichloroethene	9.5	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
DibromochloromethaneND4.9ug/Kg106/16/23JLISW8260CDibromomethaneND4.9ug/Kg106/16/23JLISW8260CDichlorodifluoromethaneND4.9ug/Kg106/16/23JLISW8260CEthylbenzeneND4.9ug/Kg106/16/23JLISW8260CHexachlorobutadieneND4.9ug/Kg106/16/23JLISW8260C	cis-1.3-Dichloropropene	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	Dibromochloromethane	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	Dibromomethane	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	Dichlorodifluoromethane	ND	4.9	ug/Kg	1	06/16/23	JLI	SW8260C
Hexachlorobutadiene 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 PQL Units Dilution Date/Time By Refere	nce
Isopropylbenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
m&p-Xylene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
Methyl Ethyl Ketone ND 24 ug/Kg 1 06/16/23 JLI SW8260	С
Methyl t-butyl ether (MTBE) ND 9.8 ug/Kg 1 06/16/23 JLI SW8260	С
Methylene chloride ND 9.8 ug/Kg 1 06/16/23 JLI SW8260	С
Naphthalene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
n-Butylbenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
n-Propylbenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
o-Xylene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
p-Isopropyltoluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
sec-Butylbenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
Styrene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
tert-Butylbenzene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
Tetrachloroethene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
Tetrahydrofuran (THF) ND 9.8 ug/Kg 1 06/16/23 JLI SW8260	С
Toluene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
Total Xylenes ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
trans-1,2-Dichloroethene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
trans-1,3-Dichloropropene ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
trans-1,4-dichloro-2-butene ND 9.8 ug/Kg 1 06/16/23 JLI SW8260	С
Trichloroethene 5800 500 ug/Kg 50 06/16/23 JLI SW8260	С
Trichlorofluoromethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
Trichlorotrifluoroethane ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
Vinyl chloride ND 4.9 ug/Kg 1 06/16/23 JLI SW8260	С
QA/QC Surrogates	
% 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	%
Semivolatiles	
1,2-Dichlorobenzene ND 260 ug/Kg 1 06/16/23 AW SW8270	D
1,2-Diphenylhydrazine ND 260 ug/Kg 1 06/16/23 AW SW8270	D
1,3-Dichlorobenzene ND 260 ug/Kg 1 06/16/23 AW SW8270	D
1,4-Dichlorobenzene ND 260 ug/Kg 1 06/16/23 AW SW8270	D
2,2'-Oxybis(1-Chloropropane) ND 260 ug/Kg 1 06/16/23 AW SW8270	D 1
2,4-Dinitrotoluene ND 260 ug/Kg 1 06/16/23 AW SW8270	D
2,6-Dinitrotoluene ND 260 ug/Kg 1 06/16/23 AW SW8270	D
2-Chloronaphthalene ND 260 ug/Kg 1 06/16/23 AW SW8270	D
2-Methylnaphthalene ND 260 ug/Kg 1 06/16/23 AW SW8270	D
2-Nitroaniline ND 1100 ug/Kg 1 06/16/23 AW SW8270	D
3,3'-Dichlorobenzidine ND 1500 ug/Kg 1 06/16/23 AW SW8270	D
3-Nitroaniline ND 1100 ug/Kg 1 06/16/23 AW SW8270	D
4-Bromophenyl phenyl ether ND 260 ug/Kg 1 06/16/23 AW SW8270	D
4-Chloroaniline ND 260 ug/Kg 1 06/16/23 AW SW8270	D
4-Chlorophenyl phenyl ether ND 260 ug/Kg 1 06/16/23 AW SW8270	D

		RL/					
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	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
QA/QC Surrogates							
% 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 %

Project ID: 101-21 101ST STREET QUEENS, NY Phoenix I.D.: CO29619 Client ID: SP-5 (2.5`-5`) RL/ Parameter Result PQL Units Dilution Date/Time By Reference

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

MW-1

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

Project ID: Client ID:

1,2-Dichloropropane 1,3,5-Trimethylbenzene

1,3-Dichlorobenzene

1,3-Dichloropropane

1,4-Dichlorobenzene

2,2-Dichloropropane

2-Chlorotoluene

2-Isopropyltoluene

2-Hexanone

Sample Information		Custody Inforr	<u>mation</u>	Date	<u>Time</u>
Matrix:	GROUND WATER	Collected by:		06/14/23	14:00
Location Code:	TOUCHSTONE	Received by:	LB	06/15/23	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					00000

Laboratory Data

. . ..

SDG ID: GCO29616 Phoenix ID: CO29620

Reference

SW3520C

SW8260C SW8260C

SW8260C

SW8260C

SW8260C

SW8260C

SW8260C

SW8260C

SW8260C

SW8260C

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SW8260C

SW8260C

SW8260C SW8260C

SW8260C

SW8260C

SW8260C

SW8260C

SW8260C

SW8260C

1

MH

MH

MH

MH

MH

MH

MH

MH

MH

Parameter	Result	PQL	Units	Dilution	Date/Time	By
Semi-Volatile Extraction	Completed				06/16/23	X/K/MQ
<u>Volatiles</u>						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	06/16/23	MH
1,1,1-Trichloroethane	ND	1.0	ug/L	1	06/16/23	MH
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	06/16/23	MH
1,1,2-Trichloroethane	ND	1.0	ug/L	1	06/16/23	MH
1,1-Dichloroethane	ND	1.0	ug/L	1	06/16/23	MH
1,1-Dichloroethene	ND	1.0	ug/L	1	06/16/23	MH
1,1-Dichloropropene	ND	1.0	ug/L	1	06/16/23	MH
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	06/16/23	MH
1,2,3-Trichloropropane	ND	1.0	ug/L	1	06/16/23	MH
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	06/16/23	MH
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	06/16/23	MH
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1	06/16/23	MH
1,2-Dibromoethane	ND	1.0	ug/L	1	06/16/23	MH
1,2-Dichlorobenzene	ND	1.0	ug/L	1	06/16/23	MH
1,2-Dichloroethane	ND	0.60	ug/L	1	06/16/23	MH

RL/

101-21 101ST STREET QUEENS, NY

ND

ND

ND

ND

ND

ND

ND

ND

ND

1.0

1.0

1.0

1.0

1.0

1.0

1.0

5.0

1.0

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

ug/L

1

1

1

1

1

1

1

1

1

06/16/23

06/16/23

06/16/23

06/16/23

06/16/23

06/16/23

06/16/23

06/16/23

06/16/23

Project ID: 101-21 101ST STREET QUEENS, NY Client ID: MW-1

		RL/					
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	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-Butvlbenzene	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-Xvlene	ND	1.0	ug/L	1	06/16/23	MH	SW8260C
p-lsopropyltoluene	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-Butvlbenzene	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 1
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	ΜН	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	МН	SW8260C
Vinvl chloride	ND	1.0	ug/L	1	06/16/23	МН	SW8260C
QA/QC Surrogates			J		-		
% 1,2-dichlorobenzene-d4	99		%	1	06/16/23	ΜН	70 - 130 %
Project ID: 101-21 101ST STREET QUEENS, NY Client ID: MW-1

		RL/					
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	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 1
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
Benzidine	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 %

Project ID: 101-21 101ST STREET QUEENS, NY Client ID: MW-1

		RL/					
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	Reference
<u>Semivolatiles, Silvi</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)
QA/QC Surrogates							
% 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.

Phyllis Shiller, Laboratory Director June 20, 2023 Official Report Release To Follow





Analysis Report

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June 20, 2023

Sample Informa	ation	Custody Inform	nation	Date	<u>Time</u>
Matrix:	SOIL	Collected by:		06/14/23	11:30
Location Code:	TOUCHSTONE	Received by:	LB	06/15/23	16:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					00000

Laboratory Data

DI /

SDG ID: GCO29616 Phoenix ID: CO29621

Project ID:
Client ID:

101-21 101ST STREET QUEENS, NY SP-3 (7.5`-10`)

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	Ву	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	1
Mercury Digestion	Completed				06/16/23	AL/AL	SW7471B	
Soil Extraction for SVOA	Completed				06/15/23	H/M/A	SW3546	

Project ID: 101-21 101ST STREET QUEENS, NY Client ID: SP-3 (7.5`-10`)

		RL/					
Parameter	Result	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	ua/Ka	1	06/16/23	JEL	SW8260C
1 1 1-Trichloroethane	ND	5.4	ua/Ka	1	06/16/23		SW8260C
1 1 2 2-Tetrachloroethane	ND	5.4	ua/Ka	1	06/16/23		SW8260C
1 1 2-Trichloroethane	ND	5.4	ua/Ka	1	06/16/23		SW8260C
1 1-Dichloroethane	ND	5.4	ua/Ka	1	06/16/23		SW8260C
1 1-Dichloroethene	ND	5.4	ua/Ka	1	06/16/23		SW8260C
1 1-Dichloropropene	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
1 2 3-Trichlorobenzene	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
1 2 3-Trichloropropane	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
1 2 4-Trichlorobenzene	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
1 2 4-Trimethylbenzene	ND	5.4	ua/Ka	1	06/16/23	JI I	SW8260C
1 2-Dibromo-3-chloropropane	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
1 2-Dibromoethane	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
1 2-Dichlorobenzene	ND	5.4	ua/Ka	1	06/16/23		SW8260C
1 2-Dichloroethane	ND	5.4	ua/Ka	1	06/16/23	JI I	SW8260C
1 2-Dichloropropage	ND	5.4	ua/Ka	1	06/16/23		SW8260C
1 3 5-Trimethylbenzene	ND	5.4	ua/Ka	1	06/16/23		SW8260C
1 3-Dichlorobenzene	ND	5.4	ua/Ka	1	06/16/23		SW8260C
1 3-Dichloropropage	ND	5.4	ug/Kg	1	06/16/23		SW8260C
1 4-Dichlorobenzene	ND	5.4	ug/Kg	1	06/16/23		SW8260C
2 2-Dichloropropage	ND	5.4	ug/Kg	1	06/16/23		SW8260C
2-Chlorotoluene	ND	5.4	ua/Ka	1	06/16/23		SW8260C
2-Hevanone	ND	27	ug/Kg	1	06/16/23		SW8260C
2-Isopropyltoluene	ND	54	ug/Kg	1	06/16/23		SW8260C 1
4-Chlorotoluene	ND	5.4	ug/Kg	1	06/16/23		SW8260C
4-Methyl-2-pentanone	ND	27	ua/Ka	1	06/16/23	JLI	SW8260C
Acetone	ND	27	ua/Ka	1	06/16/23		SW8260C
Acrylonitrile	ND	11	ua/Ka	1	06/16/23		SW8260C
Benzene	ND	5.4	ua/Ka	1	06/16/23		SW8260C
Bromobenzene	ND	5.4	ua/Ka	1	06/16/23		SW8260C
Bromochloromethane	ND	5.4	ua/Ka	1	06/16/23		SW8260C
Bromodichloromethane	ND	5.4	ua/Ka	1	06/16/23		SW8260C
Bromoform	ND	5.4	ua/Ka	1	06/16/23		SW8260C
Bromomethane	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
Carbon Disulfide	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
Carbon tetrachloride	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
Chlorobenzene	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
Chloroethane	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
Chloroform	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
Chloromethane	ND	5.4	ua/Ka	1	06/16/23		SW8260C
cis-1 2-Dichloroethene	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
cis-1.3-Dichloropropene	ND	5.4	ua/Ka	1	06/16/23	JLI	SW8260C
Dibromochloromethane	ND	5.4	ua/Ka	1	06/16/23	JI I	SW8260C
Dibromomethane	ND	5.4	ua/Ka	1	06/16/23	JI I	SW8260C
Dichlorodifluoromethane	ND	5.4	ug/Ka	1	06/16/23	JLI	SW8260C
Ethylbenzene	ND	5.4	ug/Ka	1	06/16/23	JLI	SW8260C
Hexachlorobutadiene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
			0 0				

Project ID: 101-21 101ST STREET QUEENS, NY Client ID: SP-3 (7.5`-10`)

		RL/					
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	Reference
Isopropylbenzene	ND	5.4	ug/Kg	1	06/16/23	JLI	SW8260C
m&p-Xylene	ND	5.4	ug/Kg	ug/Kg 1		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
QA/QC Surrogates							
% 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 %
Semivolatiles							
1 2-Dichlorobenzene	ND	240	ua/Ka	1	06/16/23	AW	SW8270D
1 2-Diphenylbydrazine	ND	240	ug/Kg	1	06/16/23	AW	SW8270D
1 3-Dichlorobenzene	ND	240	ug/Ka	1	06/16/23	AW	SW8270D
1 4-Dichlorobenzene	ND	240	ug/Ka	1	06/16/23	AW	SW8270D
2 2'-Oxybis(1-Chloropropane)	ND	240	ug/Ka	1	06/16/23	AW	SW8270D 1
2 4-Dinitrotoluene	ND	240	ug/Ka	1	06/16/23	AW	SW8270D
2 6-Dinitrotoluene	ND	240	ug/Ka	1	06/16/23	AW	SW8270D
2-Chloronaphthalene	ND	240	ug/Ka	1	06/16/23	AW	SW8270D
2-Methylnaphthalene	ND	240	ug/Ka	1	06/16/23	AW	SW8270D
2-Nitroaniline	ND	980	ug/Ka	1	06/16/23	AW	SW8270D
3 3'-Dichlorobenzidine	ND	1400	ug/Ka	1	06/16/23	AW	SW8270D
3-Nitroaniline	ND	980	ug/Ka	1	06/16/23	AW	SW8270D
4-Bromophenyl phenyl ether	ND	240	ua/Ka	1	06/16/23	AW	SW8270D
4-Chloroaniline	ND	240	ua/Ka	1	06/16/23	AW	SW8270D
4-Chlorophenyl phenyl ether	ND	240	ua/Ka	1	06/16/23	AW/	SW8270D
4-Nitroaniline	ND	980	ug/Kg	1	06/16/23	Δ\Λ/	SW8270D
Acenanhthene	ND	240	ug/Kg	1	06/16/23	Δ\Λ/	SW8270D
Acenanhthylene	ND	240	ug/Kg	1	06/16/23	Δ\Λ/	SW8270D
Anthracene	ND	240	ug/Kg	1	06/16/23	Δ\//	SW8270D
		2-70	uging	1	00/10/20	,,,,,	0.102100

Project ID: 101-21 101ST STREET QUEENS, NY Client ID: SP-3 (7.5`-10`)

_		RL/				_	_ /
Parameter	Result	PQL	Units	Dilution	Date/Time	Ву	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 %

Project ID: 101-21 101ST STREET QUEENS, NY Phoenix I.D.: CO29621 Client ID: SP-3 (7.5`-10`) RL/ Parameter Result PQL Units Dilution Date/Time By Reference

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.

Phyllis Shiller, Laboratory Director June 20, 2023 Official Report Release To Follow

Tuesday, June 20, 2023

Criteria: NY: 375

State: NY

Sample Criteria Exceedances Report

GCO29616 - TOUCHSTONE

etate.							RI	Analysis
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	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.

Coolers Yes No	act P.O: This section MUST be completed with # Bottle Quantities		10					PA PA Clean Fill Limits Clean Fill Limits Soil PA-GW Soil PA Soil Restricted Soil PA Soil Restricted Soil State Samples Collected? W PA
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ECORD er, CT 06040 ix (860) 645-0823	1 Street Ch		201 201 201 201 201 201 201 201 201 201	 X	 * *	· · · · ·	- (NJ Res. Criteria Non-Res. Criteria Imract to GW Soil #Cleanup Criteria impact to GW soil screen Criteria GW Criteria iv. * Other ASP B) *
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VIX Section 1997	Touchshare En	rt Sanple - Information - Identi A-Cround Water SW=Surface \V timent SL=Sludge S=Soil SD= id	Customer Sample Sar Identification Mai	58-1(25-52) 5 58-2 (10-0-2) 5	Sr-4 (0- 1281) S	MW-L Gu	SUPLANA HON	Accepted by: Accepted by: AL MC/2 15 M. L SW
PHOE Environmental	Customer: Address:	Sampler's Signature Matrix Code: DW=Drinking Water GM RW=Raw Water SE-Sec OIL=Oit B=Bulk L=Liqu	PHOENIX USE ONLY SAMPLE #	21916	291010	2962	17757	Relinquished by: Act OLE Added TY Added TV A all Suil

6-00 29616

Shannon Wilhelm

From:
Sent:
To:
Subject:
Attachments:

Michael Lapman Thursday, June 15, 2023 4:18 PM Shannon Wilhelm FW: COCs 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



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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:





Analysis Report

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June	22,	2023

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	AIR	Collected by:	FA	06/15/23	11:35
Location Code:	TOUCHSTONE	Received by:	SR1	06/16/23	19:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					000044

Canister Id:

11287

Laboratory Data

Project ID:	101-21 101ST STREET QUEENS
Client ID:	IA-1

Parameter	ppb∨ Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	Dilution	_
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	06/16/23	KCA	1	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	1
4-Ethyltoluene	ND	0.204	ND	1.00	06/16/23	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	06/16/23	KCA	1	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	

Project ID: 101-21 101ST STREET QUEENS

Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	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	1
Ethyl acetate	ND	0.278	ND	1.00	06/16/23	KCA	1	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	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	1
sec-Butylbenzene	ND	0.182	ND	1.00	06/16/23	KCA	1	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	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	
QA/QC Surrogates/Internals								
% 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	

Project ID: 101-21 101ST STREET QUEENS Client ID: IA-1

	ppbv	ppbv	ug/m3	ug/m3			
Parameter	Result	RL	Result	RL	Date/Time	Ву	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:

Phyllis Shiller, Laboratory Director June 22, 2023 Official Report Release To Follow





Analysis Report

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

,	June	22,	2023

Sample Information		Custody Inform	nation	Date	Time
Matrix:	AIR	Collected by:	FA	06/15/23	12:05
Location Code:	TOUCHSTONE	Received by:	SR1	06/16/23	19:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					000044

Canister Id:

l: 21345

Laboratory Data

Project ID:	101-21 101ST STREET QUEENS
Client ID:	SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5	1
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	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	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	

Project ID: 101-21 101ST STREET QUEENS Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	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	1
Ethyl acetate	ND	1.39	ND	5.01	06/17/23	KCA	5	1
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	1
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	1
sec-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5	1
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	1
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	
QA/QC Surrogates/Internals								
% 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	

Project ID: 101-21 101ST STREET QUEENS Client ID: SV-2

	ppbv	ppbv	ug/m3	ug/m3			
Parameter	Result	RL	Result	RL	Date/Time	Ву	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:

Phyllis Shiller, Laboratory Director June 22, 2023 Official Report Release To Follow





Analysis Report

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

,	June	22,	2023

Sample Information		Custody Inform	nation	Date	Time
Matrix:	AIR	Collected by:	FA	06/15/23	11:30
Location Code:	TOUCHSTONE	Received by:	SR1	06/16/23	19:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					000044

Canister Id:

er Id: 28605 <u>LaD</u> ct ID: 101-21 101ST STREET QUEENS

Project ID:

SS-1

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	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	

Project ID: 101-21 101ST STREET QUEENS

Client ID: SS-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	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	1
Ethyl acetate	ND	1.39	ND	5.01	06/17/23	KCA	5	1
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	1
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	1
sec-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5	1
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	1
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	
QA/QC Surrogates/Internals								
% 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	

Project ID: 101-21 101ST STREET QUEENS Client ID: SS-1

	ppbv	ppbv	ug/m3	ug/m3			
Parameter	Result	RL	Result	RL	Date/Time	Ву	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:

Phyllis Shiller, Laboratory Director June 22, 2023 Official Report Release To Follow





Analysis Report

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June	22,	2023

Sample Information		Custody Inform	nation	Date	<u>Time</u>	
Matrix:	AIR	Collected by:	FA	06/15/23	12:30	
Location Code:	TOUCHSTONE	Received by:	SR1	06/16/23	19:00	
Rush Request:	72 Hour	Analyzed by:	see "By" below			
P.O.#:					000044	

Canister Id:

Project ID: Client ID:

SS-2

101-21 101ST STREET QUEENS

235

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5	1
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	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	10.5	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	

Project ID: 101-21 101ST STREET QUEENS Client ID: SS-2

Dilution

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06/17/23

Client ID. 33-2			
Parameter	ppbv Result	ppbv RL	ug/m3 ug/m3 Result RL
Bromodichloromethane	48.7	0.747	326 5.00
Bromoform	ND	0.484	ND 5.00
Bromomethane	ND	1.29	ND 5.01
Carbon Disulfide	ND	1.61	ND 5.01
Carbon Tetrachloride	ND	0.159	ND 1.00
Chlorobenzene	ND	1.09	ND 5.01
Chloroethane	ND	1.90	ND 5.01
Chloroform	8.24	1.02	40.2 4.98
Chloromethane	ND	2.42	ND 4.99
Cis-1,2-Dichloroethene	128	0.252	507 1.00
cis-1,3-Dichloropropene	ND	1.10	ND 4.99
Cyclohexane	ND	1.45	ND 4.99
Dibromochloromethane	ND	0.587	ND 5.00
Dichlorodifluoromethane	1.44	1.01	7.12 4.99
Ethanol	4.74	2.66	8.93 5.01
Ethyl acetate	ND	1.39	ND 5.01
Ethylbenzene	ND	1.15	ND 4.99
Heptane	ND	1.22	ND 5.00
Hexachlorobutadiene	ND	0.469	ND 5.00
Hexane	ND	1.42	ND 5.00
Isopropylalcohol	ND	2.04	ND 5.01
Isopropylbenzene	ND	1.02	ND 5.01
m,p-Xylene	ND	1.15	ND 4.99
Methyl Ethyl Ketone	9.62	1.70	28.4 5.01
Methyl tert-butyl ether(MTBE)	ND	1.39	ND 5.01
Methylene Chloride	ND	4.32	ND 15.0
n-Butylbenzene	ND	0.911	ND 5.00
o-Xylene	ND	1.15	ND 4.99
Propylene	16.8	2.91	28.9 5.01
sec-Butylbenzene	ND	0.911	ND 5.00
Styrene	ND	1.17	ND 4.98
Tetrachloroethene	148	0.184	1000 1.25
Tetrahydrofuran	ND	1.70	ND 5.01
Toluene	ND	1.33	ND 5.01
Trans-1,2-Dichloroethene	6.28	1.26	24.9 <i>4.99</i>
trans-1,3-Dichloropropene	ND	1.10	ND 4.99

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
QA/QC Surrogates/Internals							
% 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

Project ID: 101-21 101ST STREET QUEENS

Client ID: SS-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	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

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:

Phyllis Shiller, Laboratory Director June 22, 2023 Official Report Release To Follow





Analysis Report

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June	22,	2023

Sample Information		Custody Inform	nation	Date	Time
Matrix:	AIR	Collected by:	FA	06/15/23	11:45
Location Code:	TOUCHSTONE	Received by:	SR1	06/16/23	19:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					000044

Canister Id:

d: 7304 Lad D: 101-21 101ST STREET QUEENS

Project ID: Client ID:

OA-1

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	06/16/23	KCA	1	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	1
4-Ethyltoluene	ND	0.204	ND	1.00	06/16/23	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	06/16/23	KCA	1	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	

Project ID: 101-21 101ST STREET QUEENS Client ID: OA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	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	1
Ethyl acetate	ND	0.278	ND	1.00	06/16/23	KCA	1	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	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	1
sec-Butylbenzene	ND	0.182	ND	1.00	06/16/23	KCA	1	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	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	
QA/QC Surrogates/Internals								
% 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	

Project ID: 101-21 101ST STREET QUEENS Client ID: OA-1

	ppbv	ppbv	ug/m3	ug/m3			
Parameter	Result	RL	Result	RL	Date/Time	Ву	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:

Phyllis Shiller, Laboratory Director June 22, 2023 Official Report Release To Follow





Analysis Report

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June	22,	2023

Sample Information		Custody Inform	nation	Date	<u>Time</u>
Matrix:	AIR	Collected by:	FA	06/15/23	12:00
Location Code:	TOUCHSTONE	Received by:	SR1	06/16/23	19:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					000044

Canister Id:

Client ID:

Project ID: 101-21 101ST STREET QUEENS

S\/_1

4609

SV-1

Laboratory Data

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.729	ND	5.00	06/17/23	KCA	5	1
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	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	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	

Project ID: 101-21 101ST STREET QUEENS Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	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	1
Ethyl acetate	ND	1.39	ND	5.01	06/17/23	KCA	5	1
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-Xvlene	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	1
o-Xvlene	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	1
sec-Butylbenzene	ND	0.911	ND	5.00	06/17/23	KCA	5	1
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	1
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 1 1	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	
	11D	0.000	NB	1.00	00/11/20	no, i	Ũ	
% Bromofluorobenzene (5x)	105	%	105	%	06/17/23	KCA	5	
% IS-1 4-Difluorobenzene (5x)	91	70 %	91	70 0/2	06/17/23	KCA	5	
% IS-Bromochloromethane (5v)	92	%	92	%	06/17/23	KCA	5	
% IS-Chlorobenzene d5 (5v)	02 02	0/2	02	0/2	06/17/23	KCA	5	
% Bromofluorobenzono (20v)	00	70 0/2	00	70 0/2	06/21/23	KCA	30	
% IS-1 4-Diffuorobenzeno (30x)	99 Q/	70 0/_	99 04	70 0/_	06/21/23	KCA	30	
% IS-Bromochloromothono (20v)	54 07	/0 0/	94 07	/0 0/	06/21/23	KCA	30	
% IS Chloroboszoso dE (20x)	91 91	/0 0/	31 DE	/0 0/	06/21/23	KCA	30	
/0 13-0110100e112e11e-05 (30X)	90	70	90	70	00/21/23	NOA	30	

Project ID: 101-21 101ST STREET QUEENS Client ID: SV-1

	ppbv	ppbv	ug/m3	ug/m3			
Parameter	Result	RL	Result	RL	Date/Time	Ву	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:

Phyllis Shiller, Laboratory Director June 22, 2023 Official Report Release To Follow





Analysis Report

FOR: Attn: Rachel Ataman Touchstone Environmental Geology, PC 1919 Middle Country Road Centereach, NY 11720

June	22,	2023

Sample Information		Custody Inform	nation	Date	Time
Matrix:	AIR	Collected by:	FA	06/15/23	11:40
Location Code:	TOUCHSTONE	Received by:	SR1	06/16/23	19:00
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					000044

Canister Id:

28609

Laboratory Data

Project ID:	101-21 101ST STREET QUEENS
Client ID:	IA-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	06/16/23	KCA	1	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	1
4-Ethyltoluene	ND	0.204	ND	1.00	06/16/23	KCA	1	1
4-Isopropyltoluene	ND	0.182	ND	1.00	06/16/23	KCA	1	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	

Project ID: 101-21 101ST STREET QUEENS

Client ID: IA-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	Ву	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	1
Ethyl acetate	0.315	0.278	1.13	1.00	06/16/23	KCA	1	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	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	1
sec-Butylbenzene	ND	0.182	ND	1.00	06/16/23	KCA	1	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	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	
QA/QC Surrogates/Internals								
% 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	

Project ID: 101-21 101ST STREET QUEENS Client ID: IA-2

	ppbv	ppbv	ug/m3	ug/m3			
Parameter	Result	RL	Result	RL	Date/Time	Ву	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.

Phyllis, Shiller, Laboratory Director June 22, 2023 Official Report Release To Follow

Thursday, June 22, 2023 Sample Criteria Exceedances Report							Page 1 of 1	
Criteria:	None		GCO311	17 - TOUCHSTONE				
State:	NY						RL	Analysis
SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	Criteria	Units
*** 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.

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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

	INDOOR AIR	CONCENTRATION of COMPOUR	ND (mcg/m³)
SUB-SLAB VAPOR 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.

MATRIX A Page 1 of 2

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

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m ³)		
SUB-SLAB VAPOR 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.

MATRIX B Page 1 of 2

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

	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m ³)		
SUB-SLAB VAPOR 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.

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These general recommendations are made with consideration being given to the additional notes on page 2.

MATRIX C Page 1 of 2

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 closusre 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

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 Sustaniable" 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 ASTM Training and E-Learning: Phase I & II ESA Workshop September 14, 2020 October 1, 2020