

**221 MIDDLETON STREET
BROOKLYN, NEW YORK**

Remedial Investigation Report

Prepared for:

MCG POS Inc.
38 Newton Boulevard
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Prepared by:



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road
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February 2013

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

LIST OF ACRONYMS

CERTIFICATION

EXECUTIVE SUMMARY	i
1.0 SITE BACKGROUND.....	1
1.1 Site Location and Current Usage	1
1.2 Proposed Redevelopment Plan	1
1.3 Description of Surrounding Property.....	2
2.0 SITE HISTORY	3
2.1 Past Uses and Ownership.....	3
2.2 Previous Investigations	3
2.3 Site Inspection.....	3
2.4 Areas of Concern	4
3.0 PROJECT MANAGEMENT.....	5
3.1 Project Organization	5
3.2 Health and Safety	5
3.3 Materials Management.....	5
4.0 REMEDIAL INVESTIGATION ACTIVITIES.....	6
4.1 Geophysical Investigation.....	6
4.2 Borings and Monitoring Wells.....	6
4.3 Sample Collection and Chemical Analysis.....	7
5.0 ENVIRONMENTAL EVALUATION.....	12
5.1 Geological and Hydrogeological Conditions.....	12
5.2 Soil Chemistry	12
5.3 Groundwater Chemistry.....	13
5.4 Soil Vapor Chemistry	13
5.5 Prior Activity	14
5.6 Impediments to Remedial Action	14

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

TABLES

Table 1 - Construction Details for Soil Borings and Monitoring Wells
Table 2 - Soil Analytical Results (VOCs)
Table 3 - Soil Analytical Results (SVOCs)
Table 4 - Soil Analytical Results (Pesticides/PCBs)
Table 5 - Soil Analytical Results (Metals)
Table 6 - Groundwater Analytical Results (VOCs)
Table 7 - Groundwater Analytical Results (SVOCs)
Table 8 - Groundwater Analytical Results (Pesticides/PCBs)
Table 9 - Groundwater Analytical Results (Dissolved Metals)
Table 10 - Groundwater Analytical Results (Total Metals)
Table 11 - Soil Gas Analytical Results (VOCs)

FIGURES

Figure 1 - Site Location Map
Figure 2 - Site Boundary Map
Figure 3 - Redevelopment Plan
Figure 4 - Surrounding Land Use
Figure 5 - Site Plan
Figure 6 - Soil Exceedences
Figure 7 - Groundwater Exceedences
Figure 8 - Soil Vapor Detections

ATTACHMENTS

Attachment A - Phase I Report
Attachment B - Soil Boring Logs
Attachment C - Groundwater Sampling Logs
Attachment D - Soil Gas Sampling Logs
Attachment E - Laboratory Reports in Digital Format

LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC BCP	New York City Brownfield Cleanup Program
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Kevin Brussee, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the Redevelopment Project located at 221 Middleton Street, Brooklyn, NY, (NYC VCP Site No. 13CVCP119K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Qualified Environmental Professional

Date

Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 221 Middleton Street in the Williamsburg section of Brooklyn, New York, and is identified as Block 2238 and Lot 41 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 5,000-square feet and is bounded by vacant land to the north, Middleton Street to the south, and residential buildings to the east and west. A map of the Site boundary is shown in Figure 2. Currently, the Site is vacant and contains a single one-story industrial building with a partial basement, interior loading dock and a driveway, which is located on the eastern side of the building.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 5-story apartment building with a full cellar. Layout of the proposed site development is presented in Figure 3. The current zoning designation is R-6A residential with a C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

The 5-story apartment building and cellar will occupy the first 65 feet of the lot, leaving a 35 ft deep by 50 ft wide rear yard. The rear yard will be landscaped and will require 2 feet of excavation for import of a clean fill cap and 9 feet of excavation for installation of two drywells. The cellar will be used for utilities and accessory space for the apartments above. Access to the basement is provided by multiple stairwells, an elevator, and an exterior stairwell from the rear yard. The first through fifth floors will all be finished with apartments.

Excavation to a maximum depth of 14 feet below grade will be required for construction of the elevator pit. The top of the cellar floor will be approximately 8 ft below sidewalk level. Therefore, assuming an average excavation depth of 9 ft across the 65 ft by 50 ft footprint of the



building, a total of approximately 1,000 cubic yards (1,500 tons) of soil will require excavation. Additional excavation of soil in the rear yard, and to excavate for the rear yard drywells will likely result in an additional 75 to 100 cubic yards.

Summary of Past Uses of Site and Areas of Concern

Prior to 1887, the property was developed with a three-story residential home, which occupied the southwest portion of the parcel, fronting along Middleton Street and a small two-story structure, identified as a drum manufacturer, at the northeastern corner of the property. Sometime before 1904 the southeastern portions of the property were developed with a three-story residence. In 1935, the eastern residence was converted to a retail facility with all other site features remaining the same. Between 1947 and 1950 the site was redeveloped with a single industrial building, consistent with the current structure, and occupied by a clothing factory. Sometime between 1965 and 1997 the clothing factory was converted into a warehouse, and has remained the same.

The AOCs identified for this Site include:

- Historic fill layer is present at the Site from grade to depths as great as 9 feet below grade.

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed four soil borings across the entire project Site, and collected eight soil samples and one duplicate soil sample for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality; and
4. Installed three soil vapor probes across the Site and collected three samples for chemical analysis.



Summary of Environmental Findings

1. Elevation of the property is approximately 16 feet.
2. Depth to groundwater is approximately 6 feet at the Site, but a clay layer is present at a depth of approximately 8 to 9 feet below grade
3. Groundwater flow is generally from southeast to northwest beneath the Site.
4. Depth to bedrock at the Site is greater than 100 feet.
5. The stratigraphy of the Site, from the surface down, consists of historic fill to at least 8 feet below grade underlain by a native grey and/or dark grey clay.
6. Soil/fill samples collected during the RI showed no PCBs at detectable concentrations. The only VOC detected above Unrestricted Use SCOs was acetone, which was detected within one of the shallow soil samples at a low concentration (110 ppb). Naphthalene (8.8 ppb) was also detected in one of the deep soil samples, but the concentration was well below its Unrestricted Use SCO. Several SVOCs were detected in three of the four shallow soil samples and one deep soil sample at concentrations above Restricted Residential SCOs. These SVOCs are all Polycyclic Aromatic Hydrocarbons (PAHs) and included benzo(a)anthracene (max 9.1 ppm), benzo(a)pyrene (max 6.6 ppm), benzo(b)-fluoranthene (max 8.7 ppm), benzo(k)fluoranthene (max 3.4 ppm), chrysene (max 8.5 ppm), Dibenz(a,h)anthracene (max 1.3 ppm), and indeno(1,2,3-cd)pyrene (max 3.5 ppm). Metals including arsenic, barium, copper, lead, mercury and zinc exceeded Unrestricted Use SCOs in three of the four shallow samples and all four deep soil samples. Of these metals, arsenic (maximum of 18.3 ppm), barium (maximum of 1,280 ppm), lead (maximum of 2,020 ppm), and mercury (maximum of 2.33 ppm) also exceeded Restricted Residential SCOs. The pesticide chlordane was detected in three shallow and three deep soil samples, and was detected above Restricted Residential SCOs within two of the soil samples at a maximum concentration of 10,000 ppm. Overall, the findings were consistent with observations for other historical fill sites.
7. Groundwater samples collected during the RI showed no pesticides or PCBs at detectable concentrations. One VOC, MTBE (1 ppb), was detected in one of the three groundwater samples submitted for VOC analysis, but the concentration was below its GQS. No other VOCs were detected within the three groundwater samples. SVOCs including

benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno-(1,2,3-cd)pyrene were detected in all three groundwater samples above GQSs. The dissolved concentrations of the metals iron, lead (142 ppb), magnesium, manganese and sodium were detected above their respective GQSs. These SVOC and metals findings are likely attributable to turbidity since a very low recharge rate did not allow for well purging before sampling.

8. Soil vapor samples collected during the RI showed petroleum and chlorinated VOCs at generally low concentrations. BTEX concentrations were generally low at a maximum of 15.8 $\mu\text{g}/\text{m}^3$. PCE was identified in all three soil vapor samples at a maximum concentration of 17.2 $\mu\text{g}/\text{m}^3$. The PCE concentrations detected within the soil gas samples are below the monitoring level range established within the State DOH soil vapor guidance matrix. Carbon Tetrachloride was also identified in all three soil samples at a maximum concentration of 0.566 $\mu\text{g}/\text{m}^3$, which is below the monitoring level ranges established within the State DOH soil vapor guidance matrix. TCE was not detected in any of the three soil vapor samples.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

MCG POS Inc. has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.11-acre Site located at 221 Middleton Street in the Williamsburg section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed between January 18, 2013, and February 1, 2013. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 221 Middleton Street in the Williamsburg section of Brooklyn, New York, and is identified as Block 2238 and Lot 41 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 5,000-square feet and is bounded by vacant land to the north, Middleton Street to the south, and residential buildings to the east and west. A map of the Site boundary is shown in Figure 2. Currently, the Site is vacant and contains a single one-story industrial building with partial basement, interior loading dock and a driveway, which is located on the eastern side of the building.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 5-story apartment building with a full cellar. Layout of the proposed site development is presented in Figure 3. The current zoning designation is R-6A residential with a C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

The 5-story apartment building and cellar will occupy the first 65 feet of the lot, leaving a 35 ft deep by 50 ft wide rear yard. The rear yard will be landscaped and will require 2 feet of excavation for import of a clean fill cap and 9 feet of excavation for installation of two drywells. The cellar will be used for utilities and accessory space for the apartments above. Access to the

basement is provided by multiple stairwells, an elevator, and an exterior stairwell from the rear yard. The first through fifth floors will all be finished with apartments.

Excavation to a maximum depth of 14 feet below grade will be required for construction of the elevator pit. The top of the cellar floor will be approximately 8 ft below sidewalk level. Therefore, assuming an average excavation depth of 9 ft across the 65 ft by 50 ft footprint of the building, a total of approximately 1,000 cubic yards (1,500 tons) of soil will require excavation. Additional excavation of soil in the rear yard, and to excavate for the rear yard drywells will likely result in an additional 75 to 100 cubic yards.

1.3 Description of Surrounding Property

The area surrounding the Site consists of residential properties. Figure 4 shows the surrounding land usage of the adjacent properties listed below as well as additional properties located up to 500 feet away from the Site. No hospitals, daycare facilities or schools are located within a 250 ft radius of the Site.

Surrounding Property Usage

Direction	Property Description
North – Adjacent property	<u>Block 2238, Lot 27</u> (249 Lynch Street) – A 165.5ft by 100ft lot. The lot is undeveloped, vacant and uncapped.
South – Opposite side of Middleton Street	<u>Block 2242, Lot 7504</u> (210 Middleton Street) – Developed with an 8-story residential apartment building.
East – Adjacent property	<u>Block 2238, Lots 7504</u> (532 Broadway) – Developed with a 5-story residential apartment building.
West – Adjacent property	<u>Block 2238, Lot 7503</u> (215 Middleton Street) – Developed with a 3-story residential apartment building.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Prior to 1887, the property was developed with a three-story residential home, which occupied the southwest portion of the parcel, fronting along Middleton Street and a small two-story structure, identified as a drum manufacturer, at the northeastern corner of the property. Sometime before 1904, the southeastern portion of the property was developed with a three-story residence. In 1935, the eastern residence was converted to a retail facility with all other Site features remaining the same. Between 1947 and 1950, the Site was redeveloped with a single industrial building, consistent with the current structure, and occupied by a clothing factory. Sometime between 1965 and 1997 the clothing factory was converted into a warehouse, and has remained the same.

2.2 Previous Investigations

EBC has not been made aware of any previous subsurface investigations conducted at the Site.

2.3 Site Inspection

Mr. Kevin Waters of EBC performed the Site inspection on Thursday, May 9, 2012, beginning at approximately 8:00 am. The reconnaissance included a visual inspection of the Site, the sidewalk immediately in front of the Site, and the exterior of adjacent properties. At the time of the inspection, the Site consisted of a one-story industrial building with partial basement, interior loading dock and driveway area along the eastern side of the building. The driveway is concrete paved and bordered to the north by a two-foot tall retaining wall topped with a four-foot high chain link fence.

The building interior is divided into eastern and western halves. The western half of the building consists of several offices and an elevated mezzanine area, with underlying storage areas and a printing shop. The eastern half consists of factory space, storage areas and a small loading dock with a roll-up entrance door along Middleton Street. A small basement area, consisting of a boiler room, restroom and several storage rooms is located at the northern portion of the building. A small addition is present at the rear of the building, which is utilized for printing paper storage.

2.4 Areas of Concern

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to depths as great as 9 feet below grade.

A copy of the Phase 1 Report is presented in Attachment A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Kevin Brussee.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

MCG POS Inc. performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed four soil borings across the entire project Site, and collected eight soil samples and one duplicate soil sample for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three groundwater monitoring wells throughout the Site to establish groundwater flow and collected three groundwater samples for chemical analysis to evaluate groundwater quality; and
4. Installed three soil vapor probes across the Site and collected three samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical investigation was not performed as a part of this assessment.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

On January 18, 2013, a total of four soil borings (B1-B4) were performed across the Site. The four soil boring locations were chosen to gain representative soil and groundwater quality information across the Site. Soil samples were collected continuously from grade to a final depth of 12 feet below grade for soil borings B1 and B2 and 16 feet below grade for soil borings B3 and B4, using a four-foot steel macro-core sampler with acetate liners and Geoprobe direct-push equipment. Soil recovered from each of the soil borings was field screened for the presence of VOCs with a photo-ionization detector (PID) and visually inspected for evidence of contamination. No PID readings above background concentrations were obtained from any of the soil borings.

One soil sample was retained from each soil boring representing the interval 0 to 2 feet below grade and one soil sample was retained from each soil boring representing the interval 8 to 10 feet below grade. Soil boring details are provided in Table 1. Boring logs were prepared by a

Qualified Environmental Professional and are attached in Attachment B. A map showing the location of soil borings and monitor wells is shown in Figure 5.

Groundwater Monitoring Well Construction

A temporary 1-inch diameter PVC monitoring well with 10 feet of 0.010 slot screen was installed at boring locations B1, B2 and B3, set to intersect the water table. Since groundwater was encountered at approximately 6 to 8 feet below grade, monitoring wells were installed to a depth of 10 feet. Monitoring well sampling details are provided in Table 1. Monitoring well locations are shown in Figure 5.

Water Level Measurement

Approximate groundwater level measurements were collected using a Solinst oil/water interface meter to ensure the surface of the water table was within the screened section of the monitoring well. No free product was observed within the three monitoring wells. Water level data is included in **Table 1**.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, stressed vegetation, drainage patterns, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

Eight soil samples and one duplicate soil sample were collected for chemical analysis during this RI. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Tables 2 through 5. Figure 5 shows the locations of samples collected in this investigation. Laboratories and analytical methods are shown below.

The nine soil samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted for analysis to Phoenix Environmental Laboratories (Phoenix) of 587 East Middle Turnpike, Manchester, CT 06040, a New York State ELAP certified environmental laboratory (ELAP Certification No. 11301). All soil samples were analyzed for the presence of volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and target analyte list (TAL) metals.

Groundwater Sampling

Three groundwater samples and one duplicate groundwater sample were collected for chemical analysis during this RI. Groundwater samples were collected by installing a one-inch diameter PVC well, 5-feet below the water table interface (set at approximately 10 feet below grade). A groundwater sample was then collected from each temporary well utilizing dedicated polyethylene tubing and a peristaltic pump. Groundwater samples were collected in pre-cleaned, laboratory supplied glassware, stored in a cooler with ice and submitted to Phoenix for analysis. The groundwater samples from MW1 and MW2 were submitted for laboratory analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals. However, due to a very low recharge rate, only sample containers utilized for analysis of VOCs and SVOCs could be filled from MW2. As a result, the groundwater sample retained from MW2 was only analyzed for VOCs and SVOCs. Groundwater sample collection data is reported in Tables 6 through 10. Sampling logs with information on purging and sampling of groundwater monitor wells is included in Attachment C. Figure 5 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Three soil vapor probes were installed and three soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 5. Soil vapor sample collection data is reported in Table 10. Soil vapor sampling logs are included in Attachment D. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

The three soil vapor implants were installed using Geoprobe™ equipment and tooling. The approximate location of each of the soil vapor implants is shown on Figure 5. The vapor implants that were installed were the Geoprobe™ Model AT86 series, which are constructed of a 6-inch length of double woven stainless steel wire. The implants were installed to a depth of nine feet below grade at all locations. Each implant was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube. Coarse sand was placed around the vapor implant to a height of approximately 1 foot above the bottom of the implant. The remainder of the borehole was sealed with a bentonite slurry to the surface.

Soil vapor sampling for the four implants installed on January 18, 2013, was conducted on January 25, 2013. Prior to sampling, each sampling location was tested to ensure a proper surface seal had been obtained. In accordance with NYSDOH guidance (NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005), a tracer gas (helium) was used as a quality assurance/quality control device to verify the integrity of the sampling point seal prior to collecting the samples. Prior to testing and collecting samples, the surface immediately surrounding the polyethylene tubing of the vapor implant was sealed using a 1 foot ft by 1 ft square sheet of 2 mil HDPE plastic firmly adhered to a wetted layer of granular bentonite. The seal was then tested by enriching the air space above the seal with a tracer gas (helium) while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-Gas Detector) for a minimum of 15 minutes. The tracer gas test procedure was employed at all three soil vapor sampling locations. No surface seal leaks were observed at any of the locations.

Following verification that the surface seal was tight, one to three volumes (i.e., the volume of the probe and tube) of air was purged from the implant using a calibrated vacuum pump. After purging, a 6-liter Summa® canister, fitted with a 2-hour flow regulator, was attached to the surface tube of each of the three vapor implants. Prior to initiating sample collection, sample identification, canister number, date and start time were recorded on tags attached to each canister and in a bound field note book. Sampling then proceeded by fully opening the flow

control valve on each canister in turn. Immediately after opening the flow control valve on a canister, the initial vacuum (inches of mercury) was recorded in the field book and on the sample tag. When the vacuum level in the canister was between 5 and 8 inches of mercury (approx 2 hours), the flow controller valve was closed, and the final vacuum recorded in the field notebook and on the sample tag.

The soil gas Sample identification, date, start time, start vacuum, end time and end vacuum were recorded on tags attached to each canister and on a sample log sheet (Attachment E). Samples were submitted to Phoenix for laboratory analysis of VOCs EPA Method TO-15.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Phoenix Environmental Laboratories
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and was Phoenix Environmental Laboratories
Chemical Analytical Methods	Soil analytical methods: <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Groundwater analytical methods: <ul style="list-style-type: none"> • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); Soil vapor analytical methods:

	<ul style="list-style-type: none">• VOCs by TO-15 VOC parameters.
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Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 2 through 11, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Attachment E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

Subsurface soil at the Site consisted of historic fill, which was primarily comprised of brick, concrete, wood and other debris in a brown silty-sand matrix. The layer of historic fill extended to a depth ranging from ground surface to approximately nine feet below grade. Native soil consisting of a grey and/or dark grey clay is present below the historic fill layer.

Hydrogeology

A table of water level data for all monitoring wells is included in Table 1. The average depth to groundwater is 6 feet. Regional groundwater flow is from southeast to northwest.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Tables 2 through 5. Results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) as presented in 6NYCRR Part 375-6.8 and CP51. A copy of the laboratory report is provided in Attachment E. Figure 6 shows the location and posts the values for soil/fill that exceeds UUSCOs and RRSCOs.

Soil/fill samples collected during the RI showed no PCBs at detectable concentrations. The only VOC detected above Unrestricted Use SCOs was acetone, which was detected within one of the shallow soil samples at a low concentration (110 ppb). Naphthalene (8.8 ppb) was also detected in one of the deep soil samples, but the concentration was well below its Unrestricted Use SCO. Several SVOCs were detected in three of the four shallow soil samples and one deep soil sample at concentrations above Restricted Residential SCOs. These SVOCs are all Polycyclic Aromatic Hydrocarbons (PAHs) and included benzo(a)anthracene (max 9.1 ppm), benzo(a)pyrene (max 6.6 ppm), benzo(b)-fluoranthene (max 8.7 ppm), benzo(k)fluoranthene (max 3.4 ppm), chrysene (max 8.5 ppm), Dibenz(a,h)anthracene (max 1.3 ppm), and indeno(1,2,3-cd)pyrene (max 3.5 ppm). Metals including arsenic, barium, copper, lead, mercury and zinc exceeded Unrestricted

Use SCOs in three of the four shallow samples and all four deep soil samples. Of these metals, arsenic (maximum of 18.3 ppm), barium (maximum of 1,280 ppm), lead (maximum of 2,020 ppm), and mercury (maximum of 2.33 ppm) also exceeded Restricted Residential SCOs. The pesticide chlordane was detected in three shallow and three deep soil samples, and was detected above Restricted Residential SCOs within two of the soil samples at a maximum concentration of 10,000 ppm. Overall, the findings were consistent with observations for other historical fill sites.

5.3 Groundwater Chemistry

Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site. A summary table of data for chemical analyses performed on groundwater samples is included in Tables 6 through 10. Figure 7 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

Groundwater samples collected during the RI showed no pesticides or PCBs at detectable concentrations. One VOC, MTBE (1 ppb), was detected in one of the three groundwater samples submitted for VOC analysis, but the concentration was below its GQS. No other VOCs were detected within the three groundwater samples. SVOCs including benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno-(1,2,3-cd)pyrene were detected in all three groundwater samples above GQs. The dissolved concentrations of the metals iron, lead (142 ppb), magnesium, manganese and sodium were detected above their respective GQs. These SVOC and metals findings are likely attributable to turbidity since a very low recharge rate did not allow for well purging before sampling.

5.4 Soil Vapor Chemistry

Soil vapor samples collected during the RI showed petroleum and chlorinated VOCs at generally low concentrations. BTEX concentrations were generally low at a maximum of 15.8 $\mu\text{g}/\text{m}^3$. PCE was identified in all three soil vapor samples at a maximum concentration of 17.2 $\mu\text{g}/\text{m}^3$. The PCE concentrations detected within the soil gas samples are below the monitoring level range established within the State DOH soil vapor guidance matrix. Carbon Tetrachloride was also

identified in all three soil samples at a maximum concentration of $0.566 \mu\text{g}/\text{m}^3$, which is below the monitoring level ranges established within the State DOH soil vapor guidance matrix. TCE was not detected in any of the three soil vapor samples.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 11.

Figure 8 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

TABLES

TABLE 2
221 Middleton Street, Brooklyn, New York
Soil Analytical Results
Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3				B4				Duplicate	
			(0-2) µg/Kg		(8-10) µg/Kg		(0-2) µg/Kg		(8-10) µg/Kg		(0-2) µg/Kg		(8-10) µg/Kg		(0-2) µg/Kg		(8-10) µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL												
1,1,1,2-Tetrachloroethane			ND	5.6	ND	5.6	ND	5.6												
1,1,1-Trichloroethane	680	100,000	ND	5.6	ND	5.6	ND	5.6												
1,1,2,2-Tetrachloroethane			ND	3.3	ND	3.3	ND	3.3												
1,1,2-Trichloroethane			ND	5.6	ND	5.6	ND	5.6												
1,1-Dichloroethane	270	26,000	ND	5.6	ND	5.6	ND	5.6												
1,1-Dichloroethane	330	100,000	ND	5.6	ND	5.6	ND	5.6												
1,1-Dichloropropene			ND	5.6	ND	5.6	ND	5.6												
1,2,3-Trichlorobenzene			ND	5.6	ND	5.6	ND	5.6												
1,2,3-Trichloropropane			ND	5.6	ND	5.6	ND	5.6												
1,2,4-Trichlorobenzene			ND	5.6	ND	5.6	ND	5.6												
1,2,4-Trimethylbenzene	3,600	52,000	ND	5.6	ND	5.6	ND	5.6												
1,2-Dibromo-3-chloropropane			ND	5.6	ND	5.6	ND	5.6												
1,2-Dibromoethane			ND	5.6	ND	5.6	ND	5.6												
1,2-Dichlorobenzene	1,100	100,000	ND	5.6	ND	5.6	ND	5.6												
1,2-Dichloroethane	20	3,100	ND	5.6	ND	5.6	ND	5.6												
1,2-Dichloropropane			ND	5.6	ND	5.6	ND	5.6												
1,3,5-Trimethylbenzene	8,400	52,000	ND	5.6	ND	5.6	ND	5.6												
1,3-Dichlorobenzene	2,400	4,900	ND	5.6	ND	5.6	ND	5.6												
1,3-Dichloropropane			ND	5.6	ND	5.6	ND	5.6												
1,4-Dichlorobenzene	1,800	13,000	ND	5.6	ND	5.6	ND	5.6												
2,2-Dichloropropane			ND	5.6	ND	5.6	ND	5.6												
2-Chlorotoluene			ND	5.6	ND	5.6	ND	5.6												
2-Hexanone (Methyl Butyl Ketone)			ND	28	ND	28	ND	28												
2-Isopropyltoluene			ND	5.6	ND	5.6	ND	5.6												
4-Chlorotoluene			ND	5.6	ND	5.6	ND	5.6												
4-Methyl-2-Pentanone			ND	28	ND	28	ND	28												
Acetone	50	100,000	110	56	ND	56	ND	56	ND	56	ND	56	ND	56	ND	56	ND	56	65	56
Acrylonitrile			ND	5.6	ND	5.6	ND	5.6												
Benzene	60	4,800	ND	5.6	ND	5.6	ND	5.6												
Bromobenzene			ND	5.6	ND	5.6	ND	5.6												
Bromochloromethane			ND	5.6	ND	5.6	ND	5.6												
Bromodichloromethane			ND	5.6	ND	5.6	ND	5.6												
Bromoform			ND	5.6	ND	5.6	ND	5.6												
Bromomethane			ND	5.6	ND	5.6	ND	5.6												
Carbon Disulfide			ND	10	ND	10	ND	10												
Carbon tetrachloride	760	2,400	ND	5.6	ND	5.6	ND	5.6												
Chlorobenzene	1,100	100,000	ND	5.6	ND	5.6	ND	5.6												
Chloroethane			ND	5.6	ND	5.6	ND	5.6												
Chloroform	370	49,000	ND	5.6	ND	5.6	ND	5.6												
Chloromethane			ND	5.6	ND	5.6	ND	5.6												
cis-1,2-Dichloroethane	250	100,000	ND	5.6	ND	5.6	ND	5.6												
cis-1,3-Dichloropropane			ND	5.6	ND	5.6	ND	5.6												
Dibromochloromethane			ND	3.3	ND	3.3	ND	3.3												
Dibromomethane			ND	5.6	ND	5.6	ND	5.6												
Dichlorodifluoromethane			ND	5.6	ND	5.6	ND	5.6												
Ethylbenzene	1,000	41,000	ND	5.6	ND	5.6	ND	5.6												
Hexachlorobutadiene			ND	5.6	ND	5.6	ND	5.6												
Isopropylbenzene			ND	5.6	ND	5.6	ND	5.6												
m&p-Xylenes	260	100,000	ND	5.6	ND	5.6	ND	5.6												
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	33	ND	33	ND	33												
Methyl t-butyl ether (MTBE)	930	100,000	ND	11	ND	11	ND	11												
Methylene chloride	50	100,000	ND	5.6	ND	5.6	ND	5.6												
Naphthalene	12,000	100,000	ND	5.6	ND	5.6	ND	5.6												
n-Butylbenzene	12,000	100,000	ND	5.6	ND	5.6	ND	5.6												
n-Propylbenzene	3,900	100,000	ND	5.6	ND	5.6	ND	5.6												
o-Xylene	260	100,000	ND	5.6	ND	5.6	ND	5.6												
p-Isopropyltoluene			ND	5.6	ND	5.6	ND	5.6												
sec-Butylbenzene	11,000	100,000	ND	5.6	ND	5.6	ND	5.6												
Styrene			ND	5.6	ND	5.6	ND	5.6												
tert-Butylbenzene	5,900	100,000	ND	5.6	ND	5.6	ND	5.6												
Tetrachloroethane	1,300	19,000	ND	5.6	ND	5.6	ND	5.6												
Tetrahydrofuran (THF)			ND	11	ND	11	ND	11												
Toluene	700	100,000	ND	5.6	ND	5.6	ND	5.6												
Total Xylenes			ND	5.6	ND	5.6	ND	5.6												
trans-1,2-Dichloroethane	190	100,000	ND	5.6	ND	5.6	ND	5.6												
trans-1,3-Dichloropropane			ND	5.6	ND	5.6	ND	5.6												
trans-1,4-dichloro-2-butene			ND	11	ND	11	ND	11												
Trichloroethene	470	21,000	ND	5.6	ND	5.6	ND	5.6												
Trichlorofluoromethane			ND	5.6	ND	5.6	ND	5.6												
Trichlorotrifluoroethane			ND	5.6	ND	5.6	ND	5.6												
Vinyl Chloride	20	900	ND	5.6	ND	5.6	ND	5.6												
Total BTEX Concentration			0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0	0.0
Total VOCs Concentration			110.0		0.0		0.0		0.0		0.0		8.8		0.0		0.0		0.0	74.1

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

ND - Not-detected

RL - Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSO Guidance Value

TABLE 3
83-89 Skillman Street, Brooklyn, New York
Soil Analytical Results
Semi-Volatile Organic Compounds

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3				B4				Duplicate	
			(0-2)		(8-10)		(0-2)		(8-10)		(0-2)		(8-10)		(0-2)		(8-10)		µg/Kg	
			µg/Kg	RL	Result	RL	µg/Kg	RL	Result	RL	µg/Kg	RL	Result	RL	µg/Kg	RL	Result	RL	µg/Kg	RL
1,2,4,5-Tetrachlorobenzene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
1,2,4-Trichlorobenzene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
1,2-Dichlorobenzene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
1,2-Diphenylhydrazine			ND	390	ND	440	ND	360	ND	410	ND	350	ND	360	ND	370	ND	390	ND	390
1,3-Dichlorobenzene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
1,4-Dichlorobenzene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2,4,5-Trichlorophenol			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2,4,6-Trichlorophenol			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2,4-Dichlorophenol			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2,4-Dimethylphenol			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2,4-Dinitrophenol			ND	620	ND	700	ND	570	ND	660	ND	570	ND	570	ND	600	ND	620	ND	610
2,4-Dinitrotoluene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2,6-Dinitrotoluene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2-Chloronaphthalene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2-Chlorophenol			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2-Methylnaphthalene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	840	260	ND	270	ND	270
2-Methylphenol (o-cresol)	330	100,000	ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
2-Nitroaniline			ND	620	ND	700	ND	570	ND	660	ND	570	ND	570	ND	600	ND	620	ND	610
2-Nitrophenol			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
3&4-Methylphenol (m&p-cresol)			ND	390	ND	440	ND	360	ND	410	ND	350	ND	360	ND	370	ND	390	ND	390
3,3'-Dichlorobenzidine			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
3-Nitroaniline			ND	620	ND	700	ND	570	ND	660	ND	570	ND	570	ND	600	ND	620	ND	610
4,6-Dinitro-2-methylphenol			ND	1,100	ND	1,300	ND	1,000	ND	1,200	ND	1,000	ND	1,000	ND	1,100	ND	1,100	ND	1,100
4-Bromophenyl phenyl ether			ND	390	ND	440	ND	360	ND	410	ND	350	ND	360	ND	370	ND	390	ND	390
4-Chloro-3-methylphenol			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
4-Chloroaniline			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
4-Chlorophenyl phenyl ether			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
4-Nitroaniline			ND	620	ND	700	ND	570	ND	660	ND	570	ND	570	ND	600	ND	620	ND	610
4-Nitrophenol			ND	1,100	ND	1,300	ND	1,000	ND	1,200	ND	1,000	ND	1,000	ND	1,100	ND	1,100	ND	1,100
Acenaphthene	20,000	100,000	ND	270	ND	310	ND	250	ND	290	400	250	ND	250	1,400	260	ND	270	310	270
Acenaphthylene	100,000	100,000	ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	370	260	ND	270	ND	270
Acetophenone			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Aniline			ND	1,100	ND	1,300	ND	1,000	ND	1,200	ND	1,000	ND	1,000	ND	1,100	ND	1,100	ND	1,100
Anthracene	100,000	100,000	300	270	ND	310	ND	250	ND	290	1,400	250	880	250	4,200	260	ND	270	750	270
Benz(a)anthracene	1,000	1,000	970	270	410	310	ND	250	ND	290	3,300	250	2,600	250	9,100	260	550	270	1,700	270
Benzo(b)fluoranthene			ND	460	ND	530	ND	430	ND	500	ND	420	ND	430	ND	450	ND	460	ND	450
Benzo(a)pyrene	1,000	1,000	950	270	340	310	ND	250	ND	290	3,300	250	2,100	250	6,600	260	460	270	1,400	270
Benzo(b)fluoranthene	1,000	1,000	1,100	270	460	310	ND	250	ND	290	4,100	250	2,900	250	8,700	260	610	270	1,800	270
Benzo(g)h)perylene	100,000	100,000	580	270	310	310	ND	250	ND	290	2,200	250	1,400	250	3,900	260	ND	270	680	270
Benzo(k)fluoranthene	800	1,000	430	270	ND	310	ND	250	ND	290	1,300	250	1,100	250	3,400	260	ND	270	480	270
Benzoic acid			ND	1,100	ND	1,300	ND	1,000	ND	1,200	ND	1,000	ND	1,000	ND	1,100	ND	1,100	ND	1,100
Benzyl butyl phthalate			ND	270	ND	310	ND	250	ND	290	300	250	8,600	250	ND	260	3,000	270	2,100	270
Bis(2-chloroethoxy)methane			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Bis(2-chloroethyl)ether			ND	390	ND	440	ND	360	ND	410	ND	350	ND	360	ND	370	ND	390	ND	390
Bis(2-chloroisopropyl)ether			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Bis(2-ethylhexyl)phthalate			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Carbazole			ND	580	ND	660	ND	540	ND	620	910	530	1,300	540	4,500	560	ND	580	890	570
Chrysene	1,000	1,000	950	270	390	310	ND	250	ND	290	3,100	250	2,700	250	8,500	260	510	270	1,600	270
Dibenz(a,h)anthracene	330	330	ND	270	ND	310	ND	250	ND	290	520	250	320	250	1,300	260	ND	270	ND	270
Dibenzofuran	7,000	59,000	ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	1,200	260	ND	270	290	270
Diethyl phthalate			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Dimethylphthalate			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Di-n-butylphthalate			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Di-n-octylphthalate			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Fluoranthene	100,000	100,000	2,600	270	950	310	270	250	ND	290	7,500	250	5,800	250	18,000	260	1,200	270	4,600	270
Fluorene	30,000	100,000	ND	270	ND	310	ND	250	ND	290	320	250	ND	250	1,100	260	ND	270	ND	270
Hexachlorobenzene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Hexachlorobutadiene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Hexachlorocyclopentadiene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Hexachloroethane			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Indeno(1,2,3-cd)pyrene	500	500	500	270	ND	310	ND	250	ND	290	1,900	250	1,200	250	3,500	260	ND	270	590	270
Isophorone			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Naphthalene	12,000	100,000	ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	2,200	260	ND	270	360	270
Nitrobenzene			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
N-Nitrosodimethylamine			ND	390	ND	440	ND	360	ND	410	ND	350	ND	360	ND	370	ND	390	ND	390
N-Nitrosodi-n-propylamine			ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
N-Nitrosodiphenylamine			ND	390	ND	440	ND	360	ND	410	ND	350	ND	360	ND	370	ND	390	ND	390
Pentachloronitrobenzene			ND	390	ND	440	ND	360	ND	410	ND	350	ND	360	ND	370	ND	390	ND	390
Pentachlorophenol	800	2,400	ND	390	ND	440	ND	360	ND	410	ND	350	ND	360	ND	370	ND	390	ND	390
Phenanthrene	100,000	100,000	1,400	270	590	310	ND	250	ND	290	5,600	250	5,800	250	16,000	260	870	270	4,100	270
Phenol	330	100,000	ND	270	ND	310	ND	250	ND	290	ND	250	ND	250	ND	260	ND	270	ND	270
Pyrene	100,000	100,000	2,200	270	780	310	260	250	ND	290	6,400	250	5,000	250	16,000	260	1,200			

TABLE 4
221 Middleton Street, Brooklyn, New York
Soil Analytical Results
Pesticides PCBs

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3				B4				Duplicate	
			(0-2') µg/Kg		(8-10) µg/Kg		(0-2') µg/Kg		(8-10) µg/Kg		(0-2') µg/Kg		(8-10) µg/Kg		(0-2') µg/Kg		(8-10) µg/Kg		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	3.3	2,600	ND	2.3	ND	2.7	ND*	21	ND*	12	ND*	11	ND*	22	ND	2.2	ND	2.3	ND	2.3
4,4' -DDE	3.3	1,800	ND	2.3	ND	2.7	ND*	28	ND*	12	ND*	11	ND*	22	ND	2.2	ND	2.3	ND	2.3
4,4' -DDT	3.3	1,700	ND	2.3	ND	2.7	ND*	21	ND*	12	ND*	11	ND*	22	ND	2.2	ND	2.3	ND	2.3
a-BHC	20	97	ND	3.7	ND	4.3	ND*	34	ND*	20	ND	17	ND*	35	ND	3.6	ND	3.7	ND	3.7
Alachlor			ND	3.7	ND	4.3	ND*	34	ND*	20	ND*	17	ND*	35	ND	3.6	ND	3.7	ND	3.7
Aldrin	5	19	ND	1.2	ND	1.3	ND*	24	ND*	6.3	ND*	5.4	ND*	11	ND	1.1	ND	1.2	ND	1.1
b-BHC	36	72	ND	3.7	ND	4.3	ND*	34	ND*	20	ND	17	ND*	35	ND	3.6	ND	3.7	ND	3.7
Chlordane	9.4	4,200	22	12	18	13	10,000	530	530	63	980	54	5,200	550	ND	11	ND	12	ND	11
d-BHC	40	100,000	ND	3.7	ND	4.3	ND*	34	ND*	20	ND*	17	ND*	35	ND	3.6	ND	3.7	ND	3.7
Dieldrin	5	39	ND	1.2	ND	1.3	ND*	10	ND*	6.3	ND*	5.4	ND*	29	ND	1.1	ND	1.2	ND	1.1
Endosulfan I	2,400	4,800	ND	3.7	ND	4.3	ND*	34	ND*	20	ND*	17	ND*	35	ND	3.6	ND	3.7	ND	3.7
Endosulfan II	2,400	4,800	ND	7.4	ND	8.6	ND*	67	ND*	40	ND*	34	ND*	70	ND	7.1	ND	7.5	ND	7.3
Endosulfan sulfate	2,400	4,800	ND	7.4	ND	8.6	ND*	67	ND*	40	ND*	34	ND*	70	ND	7.1	ND	7.5	ND	7.3
Endrin	14	2,200	ND	7.4	ND	8.6	ND*	67	ND*	40	ND*	34	ND*	70	ND	7.1	ND	7.5	ND	7.3
Endrin aldehyde			ND	7.4	ND	8.6	ND*	67	ND*	40	ND*	34	ND*	70	ND	7.1	ND	7.5	ND	7.3
Endrin ketone			ND	7.4	ND	8.6	ND*	67	ND*	40	ND*	34	ND*	70	ND	7.1	ND	7.5	ND	7.3
g-BHC	100	280	ND	1.2	ND	1.3	ND*	10	ND*	6.3	ND	5.4	ND*	11	ND	1.1	ND	1.2	ND	7.6
Heptachlor	42	420	ND	2.3	ND	2.7	ND*	210	ND*	12	ND*	11	ND*	73	ND	2.2	ND	2.3	ND	2.3
Heptachlor epoxide			ND	3.7	ND	4.3	ND*	34	ND*	20	ND*	17	ND*	35	ND	3.6	ND	3.7	ND	3.7
Methoxychlor			ND	37	ND	43	ND*	340	ND*	200	ND*	170	ND*	350	ND	36	ND	37	ND	37
Toxaphene			ND	37	ND	43	ND*	340	ND*	200	ND*	170	ND*	350	ND	36	ND	37	ND	37
PCB-1016	100	1,000	ND	77	ND	90	ND	3600	ND	84	ND	360	ND	180	ND	74	ND	78	ND	76
PCB-1221	100	1,000	ND	77	ND	90	ND	3600	ND	84	ND	360	ND	180	ND	74	ND	78	ND	76
PCB-1232	100	1,000	ND	77	ND	90	ND	3600	ND	84	ND	360	ND	180	ND	74	ND	78	ND	76
PCB-1242	100	1,000	ND	77	ND	90	ND	3600	ND	84	ND	360	ND	180	ND	74	ND	78	ND	76
PCB-1248	100	1,000	ND	77	ND	90	ND	3600	ND	84	ND	360	ND	180	ND	74	ND	78	ND	76
PCB-1254	100	1,000	ND	77	ND	90	ND	3600	ND	84	ND	360	ND	180	ND	74	ND	78	ND	76
PCB-1260	100	1,000	ND	77	ND	90	ND	3600	ND	84	ND	360	ND	180	ND	74	ND	78	ND	76
PCB-1262	100	1,000	ND	77	ND	90	ND	3600	ND	84	ND	360	ND	180	ND	74	ND	78	ND	76
PCB-1268	100	1,000	ND	77	ND	90	ND	3600	ND	84	ND	360	ND	180	ND	74	ND	78	ND	76

Notes:

* Due to matrix interference from non target compounds in the sample an elevated RL was reported.

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

ND - Non-Detect

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 5
221 Middleton Street, Brooklyn, New York
Soil Analytical Results
Metals

COMPOUND	NYSDEC Part 375.6 Unrestricted Use Soil Cleanup Objectives	NYDEC Part 375.6 Restricted Residential Soil Cleanup Objectives*	B1				B2				B3				B4				Duplicate	
			(0-2') mg/Kg		(8-10) mg/Kg		(0-2') mg/Kg		(8-10) mg/Kg		(0-2') mg/Kg		(8-10) mg/Kg		(0-2') mg/Kg		(8-10) mg/Kg		mg/Kg	
			Result	RL	Result	RL														
Aluminum			6,060	60	12,500	63	4,550	53	8,340	63	6,280	57	7,600	56	6,560	52	7,140	57	6,540	57
Antimony			BRL	4	BRL	4.2	BRL	3.5	BRL	4.2	BRL	3.8	BRL	3.7	BRL	3.5	BRL	3.6	BRL	3.6
Arsenic	13	16	18.3	0.8	1	0.8	2.7	0.7	5.6	0.8	8.6	0.8	17	0.7	6.1	0.7	4.8	0.8	5.3	0.8
Barium	350	350	1,280	0.4	95.8	0.42	66.6	0.35	103	0.42	154	0.38	133	0.37	93.9	0.35	94.4	0.38	94.3	0.38
Beryllium	7.2	14	0.34	0.32	BRL	0.34	0.31	0.28	0.45	0.34	0.34	0.31	0.38	0.3	0.41	0.28	0.45	0.31	0.34	0.31
Cadmium	2.5	2.5	1.19	0.4	BRL	0.42	BRL	0.35	BRL	0.42	BRL	0.38	BRL	0.37	0.46	0.35	BRL	0.38	BRL	0.38
Calcium			62,000	60	2,640	63	18,300	53	7,040	63	33,200	57	25,100	56	7,280	52	8,630	57	7,440	57
Chromium			22.7	0.4	16.9	0.42	10.9	0.35	16.5	0.42	11.1	0.38	14	0.37	15.5	0.35	19.1	0.38	16.2	0.38
Cobalt			3.62	0.4	3.51	0.42	3.45	0.35	5.1	0.42	3.28	0.38	3.91	0.37	5.37	0.35	4.22	0.38	4.23	0.38
Copper	50	270	29.6	0.4	11.6	0.42	13.9	0.35	84	0.42	26.9	0.38	31.8	0.37	69.5	0.35	33	0.38	29.6	0.38
Iron			20,500	60	10,300	63	17,000	53	15,900	63	11,600	57	15,700	56	17,100	52	27,300	57	18,400	57
Lead	63	400	2,020	40	82.1	0.42	56	0.35	132	4.2	476	3.8	552	3.7	194	3.5	134	3.8	141	3.8
Magnesium			3,270	60	2,440	63	2,170	53	2,100	63	5,620	57	4,290	56	1,840	52	1,640	57	1,510	57
Manganese	1,600	2,000	318	4	101	0.42	364	3.5	336	4.2	204	3.8	232	3.7	382	3.5	366	3.8	314	3.8
Mercury	0.18	0.81	1.37	0.07	2.31	0.08	0.08	0.06	0.96	0.09	1.3	0.08	0.6	0.07	2.33	0.08	1.07	0.08	0.96	0.09
Nickel	30	140	13	0.4	13	0.42	7.26	0.35	11.3	0.42	8.22	0.38	9.83	0.37	12	0.35	12.3	0.38	10.6	0.38
Potassium			1,070	6	992	6.3	1,340	5.3	1,450	6.3	1,390	5.7	1,350	5.6	899	5.2	937	5.7	827	5.7
Selenium	3.9	36	BRL	1.6	BRL	1.7	BRL	1.4	BRL	1.7	BRL	1.5	BRL	1.5	BRL	1.4	BRL	1.5	BRL	1.5
Silver	2	36	BRL	0.4	BRL	0.42	BRL	0.35	BRL	0.42	BRL	0.38	BRL	0.37	BRL	0.35	BRL	0.38	BRL	0.38
Sodium			255	6	114	6.3	352	5.3	152	6.3	498	5.7	601	5.6	132	5.2	128	5.7	123	5.7
Thallium			BRL	0.6	BRL	0.7	BRL	0.6	BRL	0.7	BRL	0.6	BRL	0.6	BRL	0.6	BRL	0.6	BRL	0.6
Vanadium			22.6	0.4	16.5	0.42	20.5	0.35	25.6	0.42	17.6	0.38	18.5	0.37	21.9	0.35	25.4	0.38	21.3	0.38
Zinc	109	2,200	469	4	59.6	0.42	47	0.35	152	4.2	113	3.8	121	3.7	213	3.5	85.9	3.8	84.1	3.8

Notes:

** - 6 NYCRR Part 375-6 Remedial Program Soil Cleanup Objectives

BRL - Below Reporting Limit

Bold/highlighted- Indicated exceedance of the NYSDEC UUSCO Guidance Value

Bold/highlighted- Indicated exceedance of the NYSDEC RRSCO Guidance Value

TABLE 6
221 Middleton Street, Brooklyn, New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1		MW2		MW3		Trip Blank	
		µg/L		µg/L		µg/L		µg/L	
1,1,1,2-Tetrachloroethane	5	ND	1	ND	1	ND	1	ND	1
1,1,1-Trichloroethane	5	ND	1	ND	1	ND	1	ND	1
1,1,2,2-Tetrachloroethane	5	ND	0.5	ND	0.5	ND	0.5	ND	0.5
1,1,2-Trichloroethane	1	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethane	5	ND	1	ND	1	ND	1	ND	1
1,1-Dichloroethene	5	ND	1	ND	1	ND	1	ND	1
1,1-Dichloropropene		ND	1	ND	1	ND	1	ND	1
1,2,3-Trichlorobenzene		ND	1	ND	1	ND	1	ND	1
1,2,3-Trichloropropane	0.04	ND	1	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene		ND	1	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene	5	ND	1	ND	1	ND	1	ND	1
1,2-Dibromo-3-chloropropane	0.04	ND	1	ND	1	ND	1	ND	1
1,2-Dichlorobenzene	5	ND	1	ND	1	ND	1	ND	1
1,2-Dichloroethane	0.6	ND	1	ND	1	ND	1	ND	1
1,2-Dichloropropane	0.94	ND	0.6	ND	0.6	ND	0.6	ND	0.6
1,2-Dibromoethane		ND	1	ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene	5	ND	1	ND	1	ND	1	ND	1
1,3-Dichlorobenzene	5	ND	1	ND	1	ND	1	ND	1
1,3-Dichloropropane	5	ND	1	ND	1	ND	1	ND	1
1,4-Dichlorobenzene	5	ND	1	ND	1	ND	1	ND	1
2,2-Dichloropropane	5	ND	1	ND	1	ND	1	ND	1
2-Chlorotoluene	5	ND	1	ND	1	ND	1	ND	1
2-Hexanone (Methyl Butyl Ketone)		ND	5	ND	5	ND	5	ND	5
2-Isopropyltoluene	5	ND	1	ND	1	ND	1	ND	1
4-Chlorotoluene	5	ND	1	ND	1	ND	1	ND	1
4-Methyl-2-Pentanone		ND	5	ND	5	ND	5	ND	5
Acetone		ND	25	ND	25	ND	25	ND	25
Acrylonitrile	5	ND	5	ND	5	ND	5	ND	5
Benzene	1	ND	0.7	ND	0.7	ND	0.7	ND	0.7
Bromobenzene	5	ND	1	ND	1	ND	1	ND	1
Bromochloromethane	5	ND	1	ND	1	ND	1	ND	1
Bromodichloromethane		ND	0.5	ND	0.5	ND	0.5	ND	0.5
Bromoform		ND	1	ND	1	ND	1	ND	1
Bromomethane	5	ND	1	ND	1	ND	1	ND	1
Carbon Disulfide	60	ND	5	ND	5	ND	5	ND	5
Carbon tetrachloride	5	ND	1	ND	1	ND	1	ND	1
Chlorobenzene	5	ND	1	ND	1	ND	1	ND	1
Chloroethane	5	ND	1	ND	1	ND	1	ND	1
Chloroform	7	ND	1	ND	1	ND	1	ND	1
Chloromethane	60	ND	1	ND	1	ND	1	ND	1
cis-1,2-Dichloroethene	5	ND	1	ND	1	ND	1	ND	1
cis-1,3-Dichloropropene		ND	0.5	ND	0.5	ND	0.5	ND	0.5
Dibromochloromethane		ND	0.5	ND	0.5	ND	0.5	ND	0.5
Dibromomethane	5	ND	1	ND	1	ND	1	ND	1
Dichlorodifluoromethane	5	ND	1	ND	1	ND	1	ND	1
Ethylbenzene	5	ND	1	ND	1	ND	1	ND	1
Hexachlorobutadiene	0.5	ND	0.4	ND	0.4	ND	0.4	ND	0.4
Isopropylbenzene	5	ND	1	ND	1	ND	1	ND	1
m&p-Xylenes	5	ND	1	ND	1	ND	1	ND	1
Methyl Ethyl Ketone (2-Butanone)		ND	5	ND	5	ND	5	ND	5
Methyl t-butyl ether (MTBE)	10	ND	1	ND	1	1	1	ND	1
Methylene chloride	5	ND	1	ND	1	ND	1	ND	1
Naphthalene	10	ND	1	ND	1	ND	1	ND	1
n-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
n-Propylbenzene	5	ND	1	ND	1	ND	1	ND	1
o-Xylene	5	ND	1	ND	1	ND	1	ND	1
p-Isopropyltoluene		ND	1	ND	1	ND	1	ND	1
sec-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
Styrene	5	ND	1	ND	1	ND	1	ND	1
tert-Butylbenzene	5	ND	1	ND	1	ND	1	ND	1
Tetrachloroethene	5	ND	1	ND	1	ND	1	ND	1
Tetrahydrofuran (THF)		ND	2.5	ND	2.5	ND	2.5	ND	2.5
Toluene	5	ND	1	ND	1	ND	1	ND	1
Total Xylenes	5	ND	1	ND	1	ND	1	ND	1
trans-1,2-Dichloroethene	5	ND	1	ND	1	ND	1	ND	1
trans-1,3-Dichloropropene	0.4	ND	0.5	ND	0.5	ND	0.5	ND	0.5
trans-1,4-dichloro-2-butene	5	ND	5	ND	5	ND	5	ND	5
Trichloroethene	5	ND	1	ND	1	ND	1	ND	1
Trichlorofluoromethane	5	ND	1	ND	1	ND	1	ND	1
Trichlorotrifluoroethane		ND	1	ND	1	ND	1	ND	1
Vinyl Chloride	2	ND	1	ND	1	ND	1	ND	1

Notes:

ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 7
221 Middleton Street, Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1		MW2		MW3	
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
1,2,4,5-Tetrachlorobenzene		ND	1.9	ND	2	ND	1.6
1,2,4-Trichlorobenzene		ND	5.9	ND	6.3	ND	5
1,2-Dichlorobenzene		ND	5.9	ND	6.3	ND	5
1,2-Diphenylhydrazine		ND	5.9	ND	6.3	ND	5
1,3-Dichlorobenzene		ND	5.9	ND	6.3	ND	5
1,4-Dichlorobenzene		ND	5.9	ND	6.3	ND	5
2,4,5-Trichlorophenol	3	ND	12	ND	13	ND	10
2,4,6-Trichlorophenol	3	ND	12	ND	13	ND	10
2,4-Dichlorophenol		ND	12	ND	13	ND	10
2,4-Dimethylphenol		ND	12	ND	13	ND	10
2,4-Dinitrophenol		ND	59	ND	63	ND	50
2,4-Dinitrotoluene	5	ND	5.9	ND	6.3	ND	5
2,6-Dinitrotoluene	5	ND	5.9	ND	6.3	ND	5
2-Chloronaphthalene	10	ND	5.9	ND	6.3	ND	5
2-Chlorophenol		ND	12	ND	13	ND	10
2-Methylnaphthalene		ND	5.9	ND	6.3	ND	5
2-Methylphenol (o-cresol)		ND	12	ND	13	ND	10
2-Nitroaniline	5	ND	59	ND	63	ND	50
2-Nitrophenol		ND	12	ND	13	ND	10
3&4-Methylphenol (m&p-cresol)		ND	12	ND	13	ND	10
3,3'-Dichlorobenzidine	5	ND	59	ND	63	ND	50
3-Nitroaniline	5	ND	59	ND	63	ND	50
4,6-Dinitro-2-methylphenol		ND	59	ND	63	ND	50
4-Bromophenyl phenyl ether		ND	5.9	ND	6.3	ND	5
4-Chloro-3-methylphenol		ND	24	ND	25	ND	20
4-Chloroaniline	5	ND	24	ND	25	ND	20
4-Chlorophenyl phenyl ether		ND	5.9	ND	6.3	ND	5
4-Nitroaniline	5	ND	24	ND	25	ND	20
4-Nitrophenol		ND	59	ND	63	ND	50
Acenaphthene	20	0.44	0.059	0.1	0.063	0.25	0.05
Acenaphthylene		0.32	0.059	0.16	0.063	0.06	0.05
Acetophenone		ND	5.9	ND	6.3	ND	5
Aniline		ND	12	ND	13	ND	10
Anthracene	50	ND	5.9	ND	6.3	ND	5
Benzo(a)anthracene	0.002	4.6	0.047	0.45	0.05	0.27	0.04
Benzo(b)fluoranthene	0.002	5.9	0.059	2.4	0.063	0.3	0.05
Benzo(g,h,i)perylene		ND	3.5	ND	3.8	ND	3
Benzo(k)fluoranthene	0.002	1.8	0.059	0.68	0.063	0.11	0.05
Benzoic Acid		ND	59	ND	63	ND	50
Benzyl Butyl phthalate		ND	5.9	ND	6.3	ND	5
Bis(2-chloroethoxy)methane	5	ND	5.9	ND	6.3	ND	5
Bis(2-chloroethyl)ether	1	ND	5.9	ND	6.3	ND	5
Bis(2-chloroisopropyl)ether		ND	5.9	ND	6.3	ND	5
Bis(2-ethylhexyl)phthalate	5	ND	1.9	ND	2	ND	1.6
Carbazole		ND	5.9	ND	6.3	ND	5
Chrysene	0.002	4.6	0.059	1.2	0.063	0.42	0.05
Dibenzo(a,h)anthracene		0.75	0.012	0.28	0.013	0.04	0.01
Dibenzofuran		ND	5.9	ND	6.3	ND	5
Diethylphthalate	50	ND	5.9	ND	6.3	ND	5
Dimethylphthalate	50	ND	5.9	ND	6.3	ND	5
Di-n-butylphthalate	50	ND	5.9	ND	6.3	ND	5
Di-n-octylphthalate	50	ND	5.9	ND	6.3	ND	5
Fluoranthene	50	8.9	5.9	ND	6.3	ND	5
Hexachlorobenzene	0.04	ND	0.071	ND	0.075	ND	0.06
Fluorene	50	ND	5.9	ND	6.3	ND	5
Hexachlorobutadiene	0.5	ND	5.9	ND	6.3	ND	5
Hexachlorocyclopentadiene	5	ND	5.9	ND	6.3	ND	5
Hexachloroethane	5	ND	2.8	ND	3	ND	2.4
Indeno(1,2,3-cd)pyrene	0.002	2.5	0.059	0.86	0.063	0.13	0.05
Isophorone	50	ND	5.9	ND	6.3	ND	5
Naphthalene	10	ND	5.9	ND	6.3	ND	5
Nitrobenzene	0.4	ND	5.9	ND	6.3	ND	5
N-Nitrosodimethylamine		ND	5.9	ND	6.3	ND	5
N-Nitrosodi-n-propylamine		ND	5.9	ND	6.3	ND	5
N-Nitrosodiphenylamine	50	ND	5.9	ND	6.3	ND	5
Pentachloronitrobenzene		ND	0.12	ND	0.13	ND	0.1
Pentachlorophenol		ND	0.94	ND	1	ND	0.8
Phenanthrene	50	5	0.059	0.35	0.063	0.38	0.05
Phenol		ND	12	ND	13	ND	10
Pyrene	50	7.3	5.9	ND	6.3	ND	5
Pyridine		ND	0.59	ND	0.63	ND	0.5

Notes:

ND - Not detected

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
221 Middleton Street, Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1		MW3	
		µg/L		µg/L	
PCB-1016	0.09	ND	0.26	ND	0.15
PCB-1221	0.09	ND	0.26	ND	0.15
PCB-1232	0.09	ND	0.26	ND	0.15
PCB-1242	0.09	ND	0.26	ND	0.15
PCB-1248	0.09	ND	0.26	ND	0.15
PCB-1254	0.09	ND	0.26	ND	0.15
PCB-1260	0.09	ND	0.26	ND	0.15
PCB-1262	0.09	ND	0.26	ND	0.15
PCB-1268	0.09	ND	0.26	ND	0.15
4,4-DDD	0.3	ND	0.13	ND*	0.76
4,4-DDE	0.2	ND	0.13	ND*	0.76
4,4-DDT	0.11	ND	0.13	ND*	0.76
a-BHC	0.94	ND	0.066	ND*	0.38
Alachlor		ND	0.2	ND*	1.1
Aldrin		ND	0.005	ND*	0.023
b-BHC	0.04	ND	0.066	ND*	0.38
Chlordane	0.05	ND	0.79	ND*	4.5
d-BHC	0.04	ND	0.066	ND*	0.38
Dieldrin	0.004	ND	0.026	ND*	0.15
Endosulfan I		ND	0.13	ND*	0.76
Endosulfan II		ND	0.13	ND*	0.76
Endosulfan Sulfate		ND	0.13	ND*	0.76
Endrin		ND	0.13	ND*	0.76
Endrin aldehyde	5	ND	0.13	ND*	0.76
Endrin ketone		ND	0.13	ND*	0.76
gamma-BHC	0.05	ND	0.066	ND*	0.38
Heptachlor	0.04	ND	0.066	ND*	0.38
Heptachlor epoxide	0.03	ND	0.066	ND*	0.38
Methoxychlor	35	ND	0.26	ND*	1.5
Toxaphene		ND	2.6	ND*	15

Notes:

ND - Non-detect

ND* - Due to matrix interference from non target compounds in the sample an elevated RL was reported.

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 9
221 Middleton Street, Brooklyn, New York
Groundwater Analytical Results
TAL Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW1		MW3	
		mg/L		mg/L	
		Result	RL	Result	RL
Aluminum	NS	18	0.01	0.983	0.01
Antimony	0.003	BRL	0.015	BRL	0.015
Arsenic	0.025	0.029	0.004	0.01	0.004
Barium	1	6.07	0.002	0.05	0.002
Beryllium	0.003	BRL	0.001	BRL	0.001
Cadmium	0.005	0.003	0.001	BRL	0.001
Calcium	NS	124	0.01	107	0.01
Chromium	0.05	0.05	0.001	0.002	0.001
Cobalt	NS	0.011	0.002	0.003	0.002
Copper	0.2	0.119	0.005	BRL	0.005
Iron	0.5	26	0.01	1.17	0.01
Lead	0.025	10.7	0.02	0.009	0.002
Magnesium	35	7.98	0.01	64.9	0.01
Manganese	0.3	0.659	0.001	3.18	0.01
Mercury	0.0007	0.0047	0.0002	BRL	0.0002
Nickel	0.1	0.029	0.001	0.006	0.001
Potassium	NS	9.9	0.1	4.3	0.1
Selenium	0.01	BRL	0.01	BRL	0.01
Silver	0.05	BRL	0.002	BRL	0.002
Sodium	2	11.3	0.1	43.6	0.1
Thallium	0.0005	BRL	0.002	BRL	0.002
Vanadium	NS	0.049	0.002	BRL	0.002
Zinc	2	1.12	0.002	0.019	0.002

Notes:

BRL - Below Reporting Limit

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 10
221 Middleton Street, Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW1		MW3	
		mg/L		mg/L	
		Result	RL	Result	RL
Aluminum	NS	0.49	0.01	0.56	0.01
Antimony	0.003	BRL	0.005	BRL	0.005
Arsenic	0.025	0.006	0.004	0.013	0.004
Barium	1	0.105	0.002	0.05	0.002
Beryllium	0.003	BRL	0.001	BRL	0.001
Cadmium	0.005	BRL	0.001	BRL	0.001
Calcium	NS	70	0.01	111	0.01
Chromium	0.05	0.018	0.001	BRL	0.001
Cobalt	NS	BRL	0.001	0.003	0.001
Copper	0.2	0.005	0.005	BRL	0.005
Iron	0.5	0.247	0.011	0.42	0.011
Lead	0.025	0.142	0.002	0.005	0.002
Magnesium	35	4	0.01	67	0.01
Manganese	0.3	0.147	0.001	3.12	0.011
Mercury	0.0007	BRL	0.0002	BRL	0.0002
Nickel	0.1	BRL	0.001	0.005	0.001
Potassium	NS	10	0.1	5	0.1
Selenium	0.01	BRL	0.011	BRL	0.011
Silver	0.05	BRL	0.001	BRL	0.001
Sodium	2	12.5	0.11	44.6	0.11
Thallium	0.0005	BRL	0.002	BRL	0.002
Vanadium	NS	BRL	0.002	BRL	0.002
Zinc	2	0.012	0.002	0.013	0.002

Notes:

BRL - Below Reporting Limit

NS - No Standard

Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 11
221 Middleton Street, Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub Slab Value (µg/m ³) ^(a)	NYSDOH Soil Outdoor Background Levels (µg/m ³) ^(a)	SG-1 (µg/m ³)		SG-2 (µg/m ³)		SG-3 (µg/m ³)	
			Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachloroethane			ND	1	ND	1	ND	1
1,1,1-Trichloroethane	100	<2.0 - 2.8	ND	1	ND	1	ND	1
1,1,2,2-Tetrachloroethane		<1.5	ND	1	ND	1	ND	1
1,1,2-Trichloroethane		<1.0	ND	1	ND	1	ND	1
1,1-Dichloroethane		<1.0	ND	1	ND	1	ND	1
1,1-Dichloroethene		<1.0	ND	1	ND	1	ND	1
1,2,4-Trichlorobenzene		NA	ND	1	ND	1	ND	1
1,2,4-Trimethylbenzene		<1.0	2.06	1	1.03	1	1.28	1
1,2-Dibromoethane		<1.5	ND	1	ND	1	ND	1
1,2-Dichlorobenzene		<2.0	ND	1	ND	1	ND	1
1,2-Dichloroethane		<1.0	ND	1	ND	1	ND	1
1,2-Dichloropropane			ND	1	ND	1	ND	1
1,2-Dichlorotetrafluoroethane			ND	1	ND	1	ND	1
1,3,5-Trimethylbenzene		<1.0	ND	1	ND	1	ND	1
1,3-Butadiene		NA	ND	1	ND	1	ND	1
1,3-Dichlorobenzene		<2.0	ND	1	3.84	1	ND	1
1,4-Dichlorobenzene		NA	ND	1	ND	1	ND	1
1,4-Dioxane			ND	1	ND	1	ND	1
2-Hexanone			ND	1	ND	1	ND	1
4-Ethyltoluene		NA	ND	1	ND	1	ND	1
4-Isopropyltoluene			ND	1	ND	1	ND	1
4-Methyl-2-pentanone			ND	1	7.29	1	ND	1
Acetone		NA	6.17	1	78.8	1	27.1	1
Acrylonitrile			ND	1	ND	1	ND	1
Benzene		<1.6 - 4.7	1.98	1	ND	1	2.2	1
Benzyl Chloride		NA	ND	1	ND	1	ND	1
Bromodichloromethane		<5.0	ND	1	ND	1	ND	1
Bromoform		<1.0	ND	1	ND	1	ND	1
Bromomethane		<1.0	ND	1	ND	1	ND	1
Carbon Disulfide		NA	ND	1	ND	1	ND	1
Carbon Tetrachloride	5	<3.1	0.566	0.25	0.503	0.25	0.566	0.25
Chlorobenzene		<2.0	ND	1	ND	1	ND	1
Chloroethane		NA	ND	1	ND	1	ND	1
Chloroform		<2.4	ND	1	ND	1	ND	1
Chloromethane		<1.0 - 1.4	1.38	1	ND	1	ND	1
cis-1,2-Dichloroethene		<1.0	ND	1	ND	1	ND	1
cis-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1
Cyclohexane		NA	ND	1	ND	1	ND	1
Dibromochloromethane		<5.0	ND	1	ND	1	ND	1
Dichlorodifluoromethane		NA	2.47	1	2.67	1	2.82	1
Ethanol			22.4	1	25.8	1	26.2	1
Ethyl Acetate		NA	ND	1	ND	1	ND	1
Ethylbenzene		<4.3	1.78	1	ND	1	ND	1
Heptane		NA	1.02	1	ND	1	1.23	1
Hexachlorobutadiene		NA	ND	1	ND	1	ND	1
Hexane		<1.5	3.1	1	ND	1	2.18	1
Isopropylalcohol		NA	ND	1	4.45	1	3.02	1
Isopropylbenzene			ND	1	ND	1	ND	1
Xylene (m&p)		<4.3	5.55	1	2.3	1	2.78	1
Methyl Ethyl Ketone			1.56	1	20.2	1	5.07	1
MTBE		NA	ND	1	ND	1	ND	1
Methylene Chloride		<3.4	3.58	1	5.83	1	31.7	1
n-Butylbenzene			ND	1	ND	1	ND	1
Xylene (o)		<4.3	2	1	ND	1	ND	1
Propylene		NA	ND	1	ND	1	ND	1
sec-Butylbenzene			ND	1	ND	1	ND	1
Styrene		<1.0	ND	1	ND	1	ND	1
Tetrachloroethane	100		0.813	0.25	0.61	0.25	17.2	0.25
Tetrahydrofuran		NA	ND	1	1.71	1	21.6	1
Toluene		1.0 - 6.1	4.48	1	2.52	1	9.9	1
trans-1,2-Dichloroethene		NA	ND	1	ND	1	ND	1
trans-1,3-Dichloropropene		NA	ND	1	ND	1	ND	1
Trichloroethene	5	<1.7	ND	0.25	ND	0.25	ND	0.25
Trichlorofluoromethane		NA	1.24	1	2.19	1	2.81	1
Trichlorotrifluoroethane			ND	1	ND	1	ND	1
Vinyl Chloride		<1.0	ND	0.25	ND	0.25	ND	0.25
BTEX Concentration			15.79		4.82		14.88	
Total VOCs			56.6		159.7		157.7	

Notes:

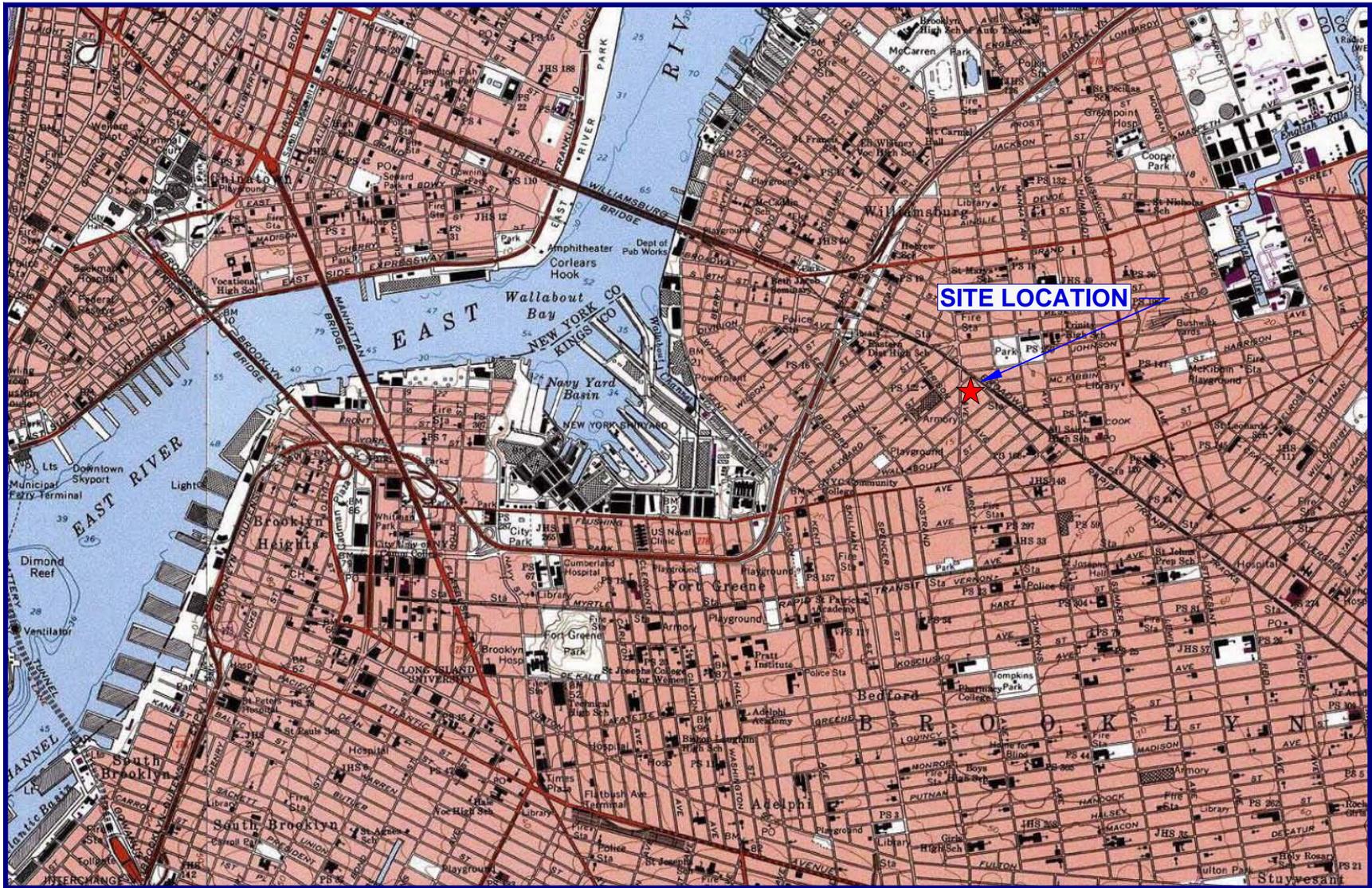
NA No guidance value or standard available

(a) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, New York State Department of Health.

(b) NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, February 2005, Summary of Background Levels for Selected Compounds (NYSDOH Database, Outdoor values)

Value detected above NYSDOH Air Guidance Value of 5 µg/m³, which according to Soil Vapor/Indoor Air Matrix 1 would require at a minimum, monitoring.

FIGURES



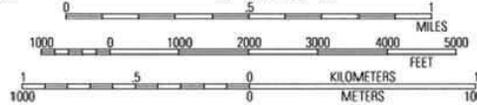
74°00.000' W

73°59.000' W

73°58.000' W

73°57.000' W

WGS84 73°56.000' W



MIN ↑ TN
13°
10/30/11

USGS Brooklyn Quadrangle 1995, Contour Interval = 10 feet

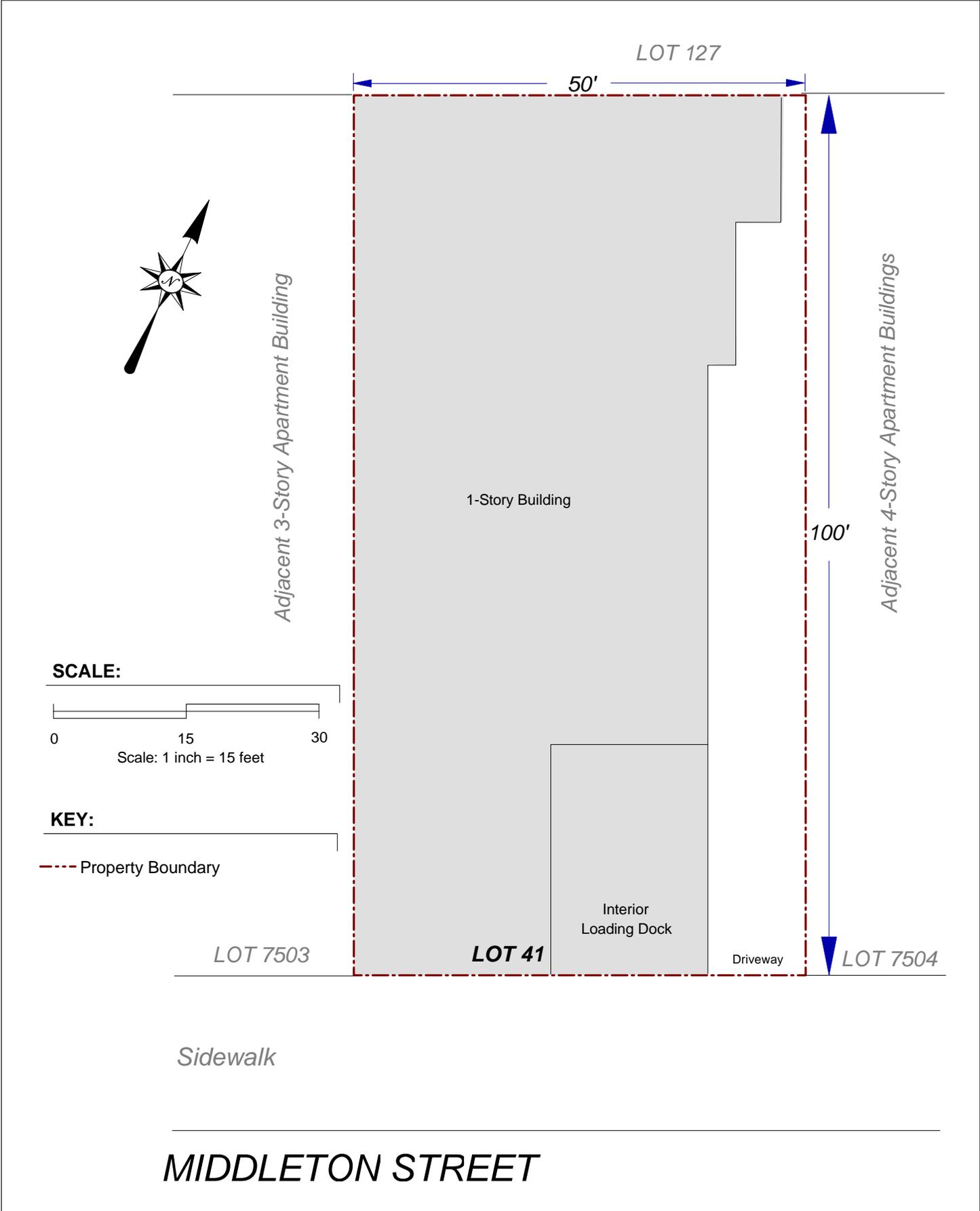


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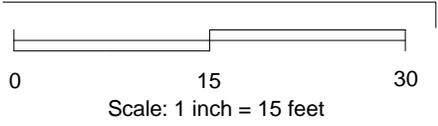
Phone 631.504.6000
Fax 631.924.2780

**221 MIDDLETON STREET
BROOKLYN, NY**

FIGURE 1 SITE LOCATION MAP



SCALE:



KEY:

--- Property Boundary

LOT 7503

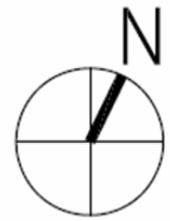
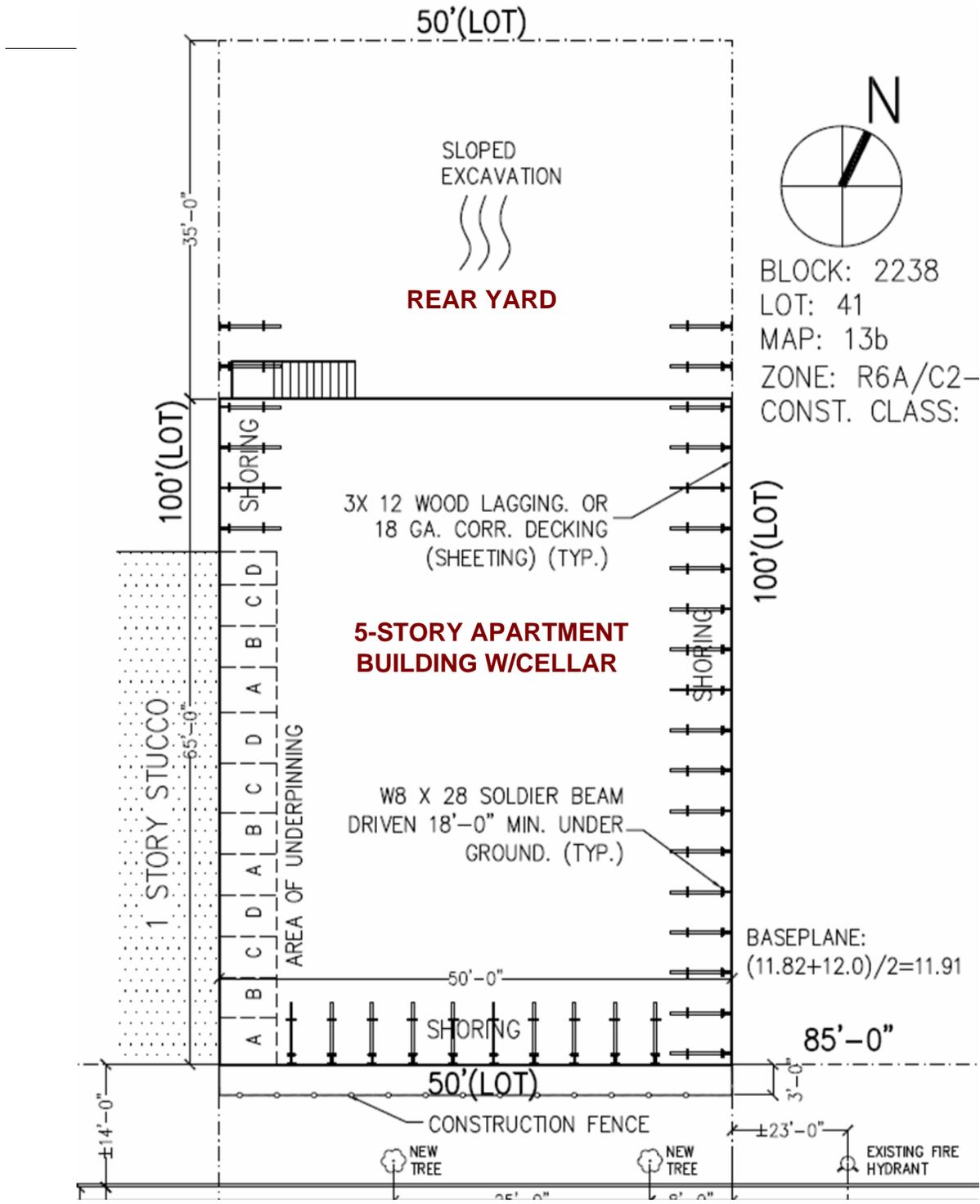
LOT 41

LOT 7504

Sidewalk

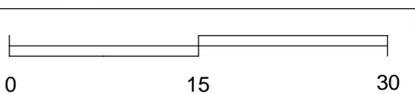
MIDDLETON STREET

	Phone 631.504.6000 Fax 631.924.2870	<i>Figure No.</i> 2	Site Name: RESIDENTIAL BUILDING PROJECT
			Site Address: 221 MIDDLETON STREET, BROOKLYN, NY
			Drawing Title: SITE BOUNDARY MAP



BLOCK: 2238
 LOT: 41
 MAP: 13b
 ZONE: R6A/C2-
 CONST. CLASS:

SCALE: Scale: 1 inch = 15 feet



KEY:

--- Property Boundary

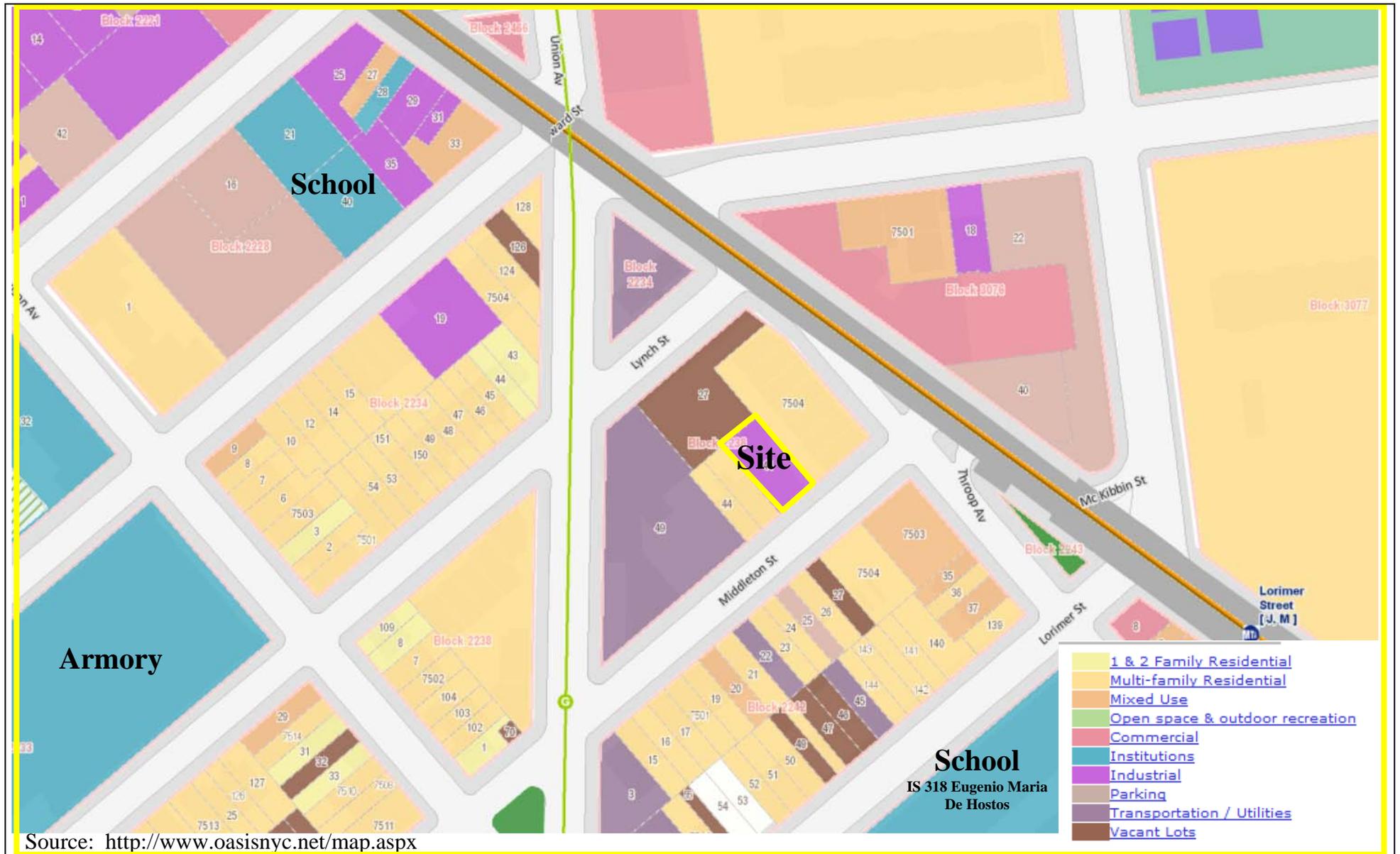


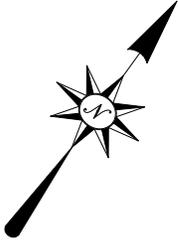
FIGURE 4
SURROUNDING LAND USE MAP

221 MIDDLETON STREET, BROOKLYN NY
 HAZARDOUS MATERIALS REMEDIAL INVESTIGATION REPORT

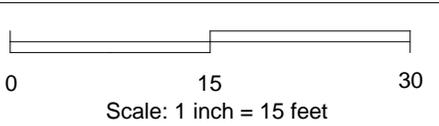


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LOT 127

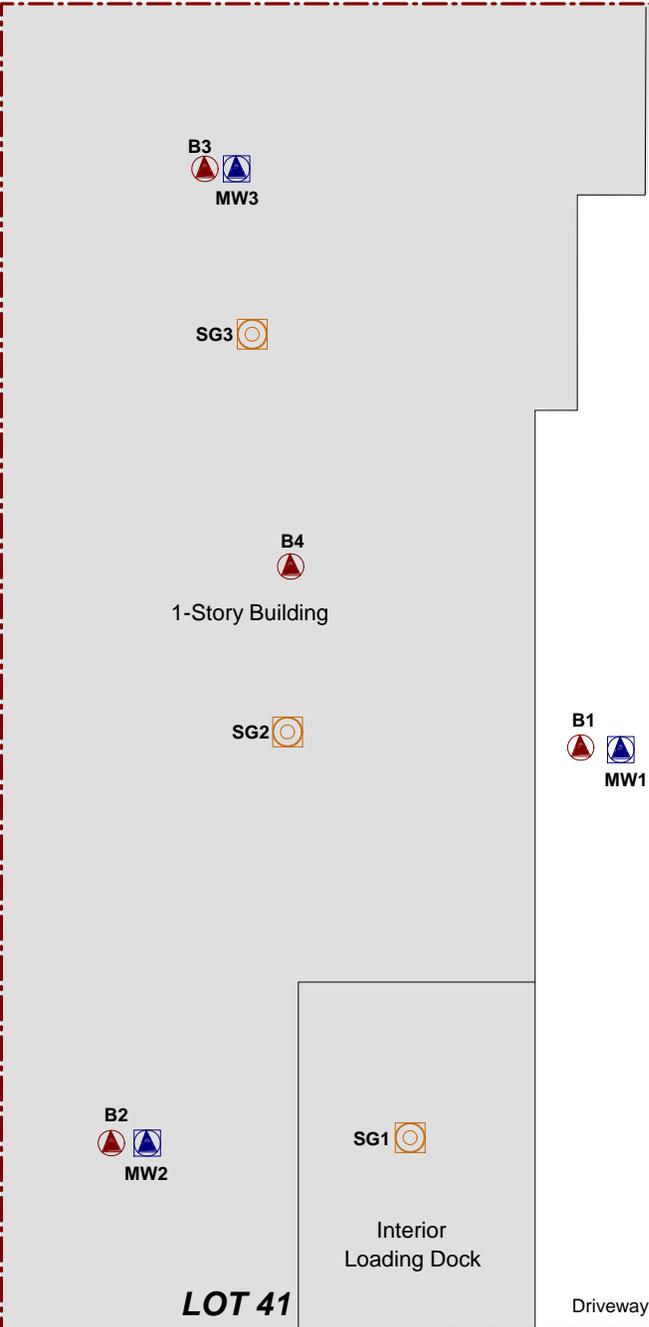


SCALE:



KEY:

-  Property Boundary
-  Groundwater Sampling Location
-  Soil Boring Location
-  Soil Gas Sampling Location



LOT 7503

LOT 41

Driveway

LOT 7504

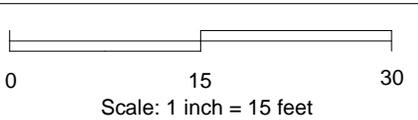
Sidewalk

MIDDLETON STREET

LOT 127

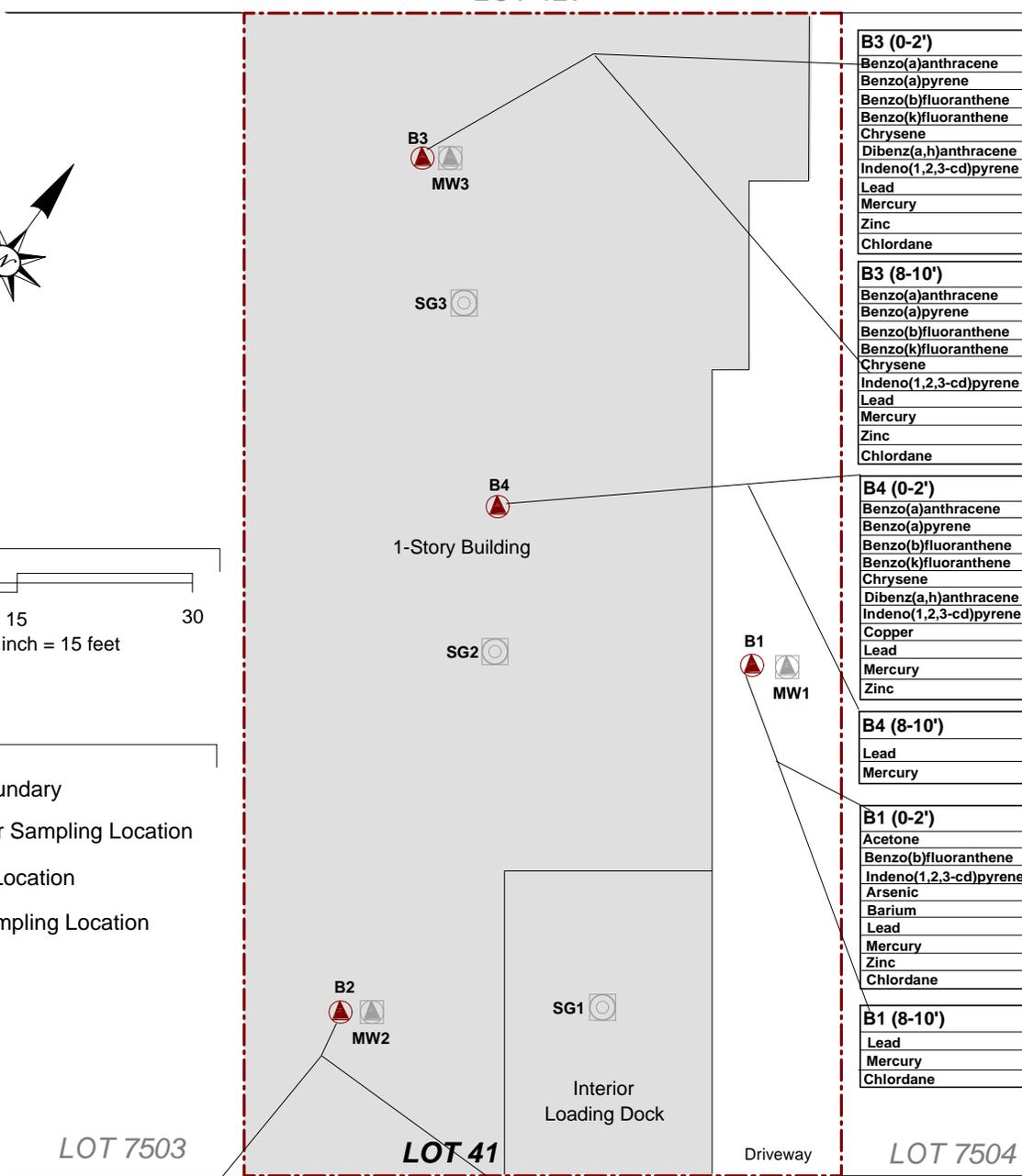


SCALE:



KEY:

- Property Boundary
- Groundwater Sampling Location
- Soil Boring Location
- Soil Gas Sampling Location



B3 (0-2')	
Benzo(a)anthracene	3,300
Benzo(a)pyrene	3,300
Benzo(b)fluoranthene	4,100
Benzo(k)fluoranthene	1,300
Chrysene	3,100
Dibenz(a,h)anthracene	520
Indeno(1,2,3-cd)pyrene	1,900
Lead	476
Mercury	1.3
Zinc	113
Chlordane	980

B3 (8-10')	
Benzo(a)anthracene	2,600
Benzo(a)pyrene	2,100
Benzo(b)fluoranthene	2,900
Benzo(k)fluoranthene	1,100
Chrysene	2,700
Indeno(1,2,3-cd)pyrene	1,200
Lead	552
Mercury	0.6
Zinc	121
Chlordane	5,200

B4 (0-2')	
Benzo(a)anthracene	9,100
Benzo(a)pyrene	6,600
Benzo(b)fluoranthene	8,700
Benzo(k)fluoranthene	3,400
Chrysene	8,500
Dibenz(a,h)anthracene	1,300
Indeno(1,2,3-cd)pyrene	3,500
Copper	69.5
Lead	194
Mercury	2.33
Zinc	213

B4 (8-10')	
Lead	134
Mercury	1.07

B1 (0-2')	
Acetone	110
Benzo(b)fluoranthene	1,100
Indeno(1,2,3-cd)pyrene	500
Arsenic	18.3
Barium	1,280
Lead	2,020
Mercury	1.37
Zinc	469
Chlordane	22

B1 (8-10')	
Lead	82.1
Mercury	2.31
Chlordane	18

B2 (0-2')	
Chlordane	10,000

B2 (8-10')	
Copper	84
Lead	132
Mercury	0.96
Zinc	152
Chlordane	530

MIDDLETON STREET



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Figure No.

6

Site Name: RESIDENTIAL BUILDING PROJECT

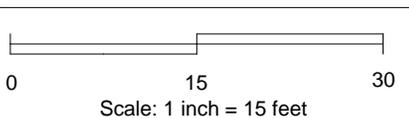
Site Address: 221 MIDDLETON STREET, BROOKLYN, NY

Drawing Title: SOIL EXCEEDENCES MAP

LOT 127



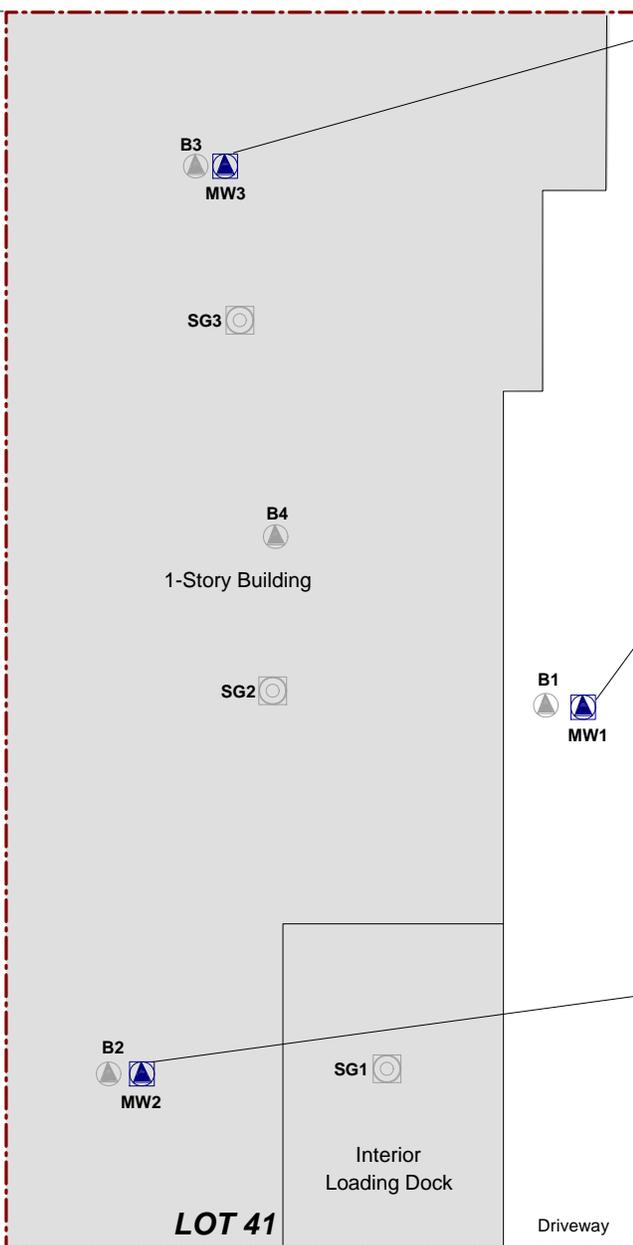
SCALE:



KEY:

- - - Property Boundary
- Groundwater Sampling Location
- Soil Boring Location
- Soil Gas Sampling Location

Dissolved Metals	mg/L
SVOCs	ug/L



SVOCs	
Benzo(a)anthracene	0.27
Benzo(b)fluoranthene	0.3
Benzo(k)fluoranthene	0.11
Chrysene	0.42
Indeno(1,2,3-cd)pyrene	0.13
Dissolved Metals	
Magnesium	67
Manganese	3.12
Sodium	44.6

SVOCs	
Benzo(a)anthracene	4.6
Benzo(b)fluoranthene	5.9
Benzo(k)fluoranthene	1.8
Chrysene	4.6
Indeno(1,2,3-cd)pyrene	2.5
Dissolved Metals	
Iron	0.247
Lead	0.142
Manganese	0.147
Sodium	12.5

SVOCs	
Benzo(a)anthracene	0.45
Benzo(b)fluoranthene	2.4
Benzo(k)fluoranthene	0.68
Chrysene	1.2
Indeno(1,2,3-cd)pyrene	0.86

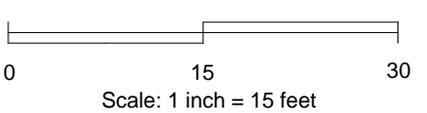
Sidewalk

MIDDLETON STREET

LOT 127



SCALE:



KEY:

- Property Boundary
 - Groundwater Sampling Location
 - Soil Boring Location
 - Soil Gas Sampling Location
- | Compound | µg/m ³ |
|--------------------------------------|-------------------|
| Value Detected Above NYSDOH Air | |
| Guidance Value, requires monitoring. | |

SG-3

Compound	Conc (ug/m3)
1,2,4-Trimethylbenzene	1.28
Acetone	27.1
Benzene	2.2
Carbon Tetrachloride	0.566
Dichlorodifluoromethane	2.82
Ethanol	26.2
Heptane	1.23
Hexane	2.18
Isopropylalcohol	3.02
Xylene (m&p)	2.78
Methyl Ethyl Ketone	5.07
Methylene Chloride	31.7
Tetrachloroethylene	17.2
Tetrahydrofuran	21.6
Toluene	9.9
Trichlorofluoromethane	2.81

SG-2

Compound	Conc (ug/m3)
1,2,4-Trimethylbenzene	1.03
1,3-Dichlorobenzene	3.84
4-Methyl-2-Pentanone	7.29
Acetone	78.8
Carbon Tetrachloride	0.503
Dichlorodifluoromethane	2.67
Ethanol	25.8
Isopropylalcohol	4.45
Xylene (m&p)	2.3
Methyl Ethyl Ketone	20.2
Methylene Chloride	5.83
Tetrachloroethylene	0.61
Tetrahydrofuran	1.71
Toluene	2.52
Trichlorofluoromethane	2.19

SG-1

Compound	Conc (ug/m3)
1,2,4-Trimethylbenzene	2.06
Acetone	6.17
Benzene	1.98
Carbon Tetrachloride	0.566
Chloromethane	1.38
Dichlorodifluoromethane	2.47
Ethanol	22.4
Ethylbenzene	1.78
Heptane	1.02
Hexane	3.1
Xylene (m&p)	5.55
Methyl Ethyl Ketone	1.56
Methylene Chloride	3.58
Xylene (o)	2
Tetrachloroethylene	0.813
Toluene	4.48
Trichlorofluoromethane	1.24

B3
MW3

SG3

B4
1-Story Building

SG2

B1
MW1

B2
MW2

SG1

Interior Loading Dock

LOT 7503

LOT 41

Driveway

LOT 7504

Sidewalk

MIDDLETON STREET

APPENDIX A
PHASE I REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

October 19, 2012

EBC Project No: TAG 1208

**221-223 MIDDLETON STREET
BROOKLYN, NY 11206
BLOCK 2238, LOT No. 41**



PREPARED FOR:

**AAA GROUP
100 A BROADWAY
BROOKLYN, NY 11205**



ENVIRONMENTAL BUSINESS CONSULTANTS

1808 MIDDLE COUNTRY ROAD, RIDGE, NEW YORK 11961 PHONE: 631.504.6000 FAX: 631.924.2870

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
1.0 INTRODUCTION	1
1.1 Purpose	1
1.2 Scope of Services	1
1.3 Significant Assumptions	2
1.4 Limitations and Exceptions	2
1.5 Special Terms and Conditions	3
1.6 User Reliance	3
2.0 PROPERTY DESCRIPTION AND PHYSICAL SETTING	4
2.1 Location and Legal Description	4
2.2 Site Characteristics	4
2.2.1 Utilities	5
2.3 Physical Setting	5
2.3.1 Surface Water	5
2.3.2 Soils	5
2.3.3 Groundwater	6
2.3.4 Radon Risk	6
3.0 PROPERTY USAGE	7
3.1 Current Property Usage	7
3.2 Current Usage of Adjoining/Surrounding Properties	7
3.3 Historical Usage of Site and Surrounding Properties	7
3.3.1 Sanborn Fire Insurance Maps - Site and Adjacent Properties	8
3.3.2 City Directory Listings	12
3.3 Site History Summary	13
4.0 USER PROVIDED INFORMATION	15
4.1 Title Records	15
4.2 Environmental Liens	15
4.3 Specialized Knowledge	15
4.4 Commonly Known or Reasonably Ascertainable Information	15
4.5 Valuation Reduction for Environmental Issues	15
4.6 Owner, Property Manager and Occupant Information	15
4.7 Reason for Performing Phase I ESA	15
5.0 RECORDS REVIEW	16
5.1 Standard Environmental Record Sources	16
5.1.1 Federal Databases	16
5.1.2 New York State Databases	21
5.2 Additional Environmental Record Sources	28
5.2.1 Local Agency Review	28
5.2.2 New York City Department of Finance	29
5.2.3 New York City Department of Buildings	29
5.2.4 Previous Environmental Reports	30
5.2.5 Historic Zoning Map	30

5.2.6 Activity and Use Limitations.....	31
6.0 SITE RECONNAISSANCE.....	32
6.1 Methodology and Limiting Conditions	32
6.2 Observations	32
6.3 Aboveground and Underground Storage Tanks (ASTs/USTs)	32
6.4 Hazardous and Non-Hazardous Chemical Storage and Disposal.....	33
6.6 Polychlorinated Biphenyls (PCBs).....	34
6.7 Asbestos.....	35
6.8 Lead-Based Paint (LBP).....	35
6.9 Mold.....	36
6.10 Wetlands	36
7.0 INTERVIEWS.....	38
7.1 Owner	38
7.2 Occupants	38
7.3 Local Government Officials	38
8.0 FINDINGS AND OPINIONS	39
8.1 Additional Environmental Issues.....	39
9.0 CONCLUSIONS AND RECOMMENDATIONS.....	40
10.0 DEVIATIONS.....	42
11.0 ADDITIONAL SERVICES.....	43
12.0 REFERENCES	44
13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL.....	45

TABLES

Surrounding Property Usage
Surrounding Area Historical Usage
Site Historical Usage
Federal Databases Searched
New York State Databases Searched

FIGURES

FIGURE 1 Site Location Map
FIGURE 2 Lot Diagram
FIGURE 3 Tax Map
FIGURE 4 Site Aerial
FIGURE 5A Zoning Map
FIGURE 5B Historic Zoning Map
FIGURE 6 Water Table Map

APPENDICES

APPENDIX A Site Photographs
APPENDIX B Local Agency Information
APPENDIX C Sanborn Maps
APPENDIX D Historic City Directory Search
APPENDIX E EDR Radius Map Report



EXECUTIVE SUMMARY

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following property on behalf of AAA Group: 221 Middleton Street, Brooklyn, New York, 11206. The purpose of the Phase I ESA was to identify and evaluate the presence of recognized environmental conditions at the Site. Recognized environmental conditions are the presence or likely presence of any hazardous substance or petroleum product under conditions that indicate an existing release, a past release or material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, groundwater or surface water of the property.

The work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-05 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process), 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule), and EBC's proposal for services.

The Site consists of one tax parcel located on the north side of Middleton Street between Throop Avenue and Union Avenue, in the East Williamsburg section of the Borough of Brooklyn, City of New York, Kings County, New York. The Site is identified by the street address 221 Middleton Street, and as Borough 3 – Block 2238 – Lot No. 41 on the New York City (NYC) tax maps. The lot is a rectangular-shaped 5,000 square foot (s.f.) parcel with 50 feet of frontage along Middleton Street.

EBC was able to establish a history for the property dating back to 1887. According to a review of NYC records, City Directory Listings and historic Sanborn maps, as well as personal interviews, the Site was developed with residential home and a drum manufacturer by at least 1887. A second residence was added by 1904 which was also utilized as a retail store as identified on the 1935 Sanborn map. By 1947, the Site was redeveloped with the existing structure, which was utilized as a clothing factory. From at least 1977 through 2007, the Site building utilized as a warehouse.

RECOGNIZED ENVIRONMENTAL CONDITIONS

Based upon reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, *this assessment has revealed no recognized environmental conditions in connection with the Site; however, EBC identified several environmental concerns.* The environmental concerns and EBC's recommendations are summarized as follows:



- The Site is identified as having a Hazmat “E” restriction. The Site has been assigned an E-designation (E-238) as part of the Broadway Triangle Re-zoning Area. A review of the Final Environmental Impact Statement (FEIS) (No. 09HPD019K) prepared as part of the Broadway Triangle Re-zoning project, indicates that the Site has been designated as “E” Hazardous Materials/Air/Noise. The Hazardous Materials designation indicates that there is a potential for soil and groundwater beneath the Site to be impacted related to historic industrial use of the property.

As such, EBC recommends performing a Phase II Subsurface Investigation at the Site to evaluate potential impacts from the UST and to satisfy New York City Office of Environmental Remediation (NYCOER) requirements related to the E-Hazmat designation. The investigation should include the collection and laboratory analysis of subsurface soil, groundwater, and sub-slab soil gas samples.

It should be noted that nearly any development scenario for the site is subject to the E-designation Environmental Review Program administered by the NYCOER due to the hazardous materials “E” designation assigned to the site. Typical NYCOER Phase II investigation/sampling requirements for hazmat “E” sites are as follows:

- Collection and laboratory analysis of for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, PCBs and pesticides.
 - Collection and laboratory analysis of groundwater samples for VOCs, SVOCs, TAL metals (filtered and unfiltered), PCBs and pesticides.
 - Collection and laboratory analysis of soil gas samples for laboratory analysis of VOCs via EPA Method TO-15.
- Fluorescent light ballasts were observed throughout the building spaces, which based on the age of the building, may contain polychlorinated biphenyls (PCBs). EBC recommends that PCB surveys be performed prior to demolition and/or renovation activities. Any PCB-containing equipment affected by the development of the site must be properly managed during demolition and/or renovation activities. In addition, while the disposal of non-leaking PCB ballasts is not currently regulated by the United States Environmental Protection Agency

(USEPA), EBC recommends that the PCB ballasts be packaged in a lined, steel drum containing an absorbent material and disposed of as PCB-waste to reduce the potential for environmental contamination and potential liability for cleanup of any environmental release of PCBs from the ballasts.

- Interior paint within the building was in good to fair condition with no evidence of chipping and/or peeling, except for several small water damaged areas in the basement. The building exterior was finished with unpainted brick or steel panels. The lead contents of the paints are unknown; however, based upon the age of the building, the presence of lead-based paints (LBP) is possible. Therefore, EBC recommends that a lead paint survey be conducted prior to any renovation/demolition activities. The disposal of lead paint waste resulting from renovation or demolition activities may be subject to federal and New York State (NYS) regulations.
- Suspect asbestos-containing floor tiles were observed throughout the first and mezzanine office areas of the building. The suspect asbestos-containing material (ACM) was in good to fair condition at the time of the Site inspection. In addition, due to the age of the Site's building, it is possible that roofing, roof flashing and other (inaccessible) building materials may contain asbestos.

If activities in the building (i.e., renovation or demolition) will disturb any suspect asbestos material, then EBC recommends that an asbestos survey be performed to determine if ACM are present prior to the proposed work. If ACM are present, then a New York City-licensed contractor must be retained to remove the asbestos in accordance with federal, New York State (NYS) and New York City (NYC) regulations.

1.0 INTRODUCTION

1.1 Purpose

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following property on behalf of the AAA Group: 221 Middleton Street, Brooklyn, NY, 11206 (**Figure 1**). The purpose of the Phase I ESA was to identify and evaluate the presence of recognized environmental conditions at the Site. Recognized environmental conditions are the presence or likely presence of any hazardous substance or petroleum product under conditions that indicate an existing release, a past release or material threat of a release of any hazardous substance or petroleum product into structures on the property or into the ground, groundwater or surface water of the property.

1.2 Scope of Services

The assessment consisted of a visual inspection of the site and surrounding areas, interviews, a review of historical information and maps, and a review of pertinent local, state, federal and facility records. Environmental Data Resources (EDR) of Southport, Connecticut, provided the following information: a computerized database search of environmental compliance records of sites within an ASTM standard radius of the property, a Sanborn fire insurance map search, and a historical telephone directory search.

EBC reviewed the environmental database report compiled by EDR as a part of the assessment. The purpose of the review was to identify reported listings for the Site or other properties in the site vicinity. Databases reviewed included federal and state lists of known or suspected contaminated sites, lists of known handlers or generators of hazardous waste, lists of known waste disposal facilities, and lists of aboveground and underground storage tanks (ASTs and USTs). EBC's review of the database has been incorporated into this report along with a copy of the EDR report.

The work was conducted in accordance with the American Society for Testing and Materials (ASTM) Standard E 1527-05 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process), 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule), and EBC's proposal for services.

1.3 Significant Assumptions

EBC has made the following assumptions in the preparation of this report:

1. Groundwater – The depth to groundwater at the Site is approximately 8 feet below grade. Based on regional groundwater contour maps, groundwater flow is expected to be west towards the East River.
2. Regulatory Records Information – EBC assumes that all information provided by EDR regarding the regulatory status of facilities within the ASTM Standard approximate minimum search distance is complete, accurate and current.
3. Other - EBC assumes that all information provided through interviews is complete and unbiased.

1.4 Limitations and Exceptions

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

1. The data presented in this report are from visual inspections, examination of records in the public domain, and interviews with individuals having information about the site. The passage of time, manifestation of latent conditions, or occurrence of future events may require further exploration of the site, analysis of data, and re-evaluation of the findings, observations, and conclusions presented in this report.
2. The data reported and the findings, observations, and conclusions expressed are limited by the scope of work. The scope of work was defined by the request of the client.
3. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported, findings, observations, or conclusions. These are based solely upon site conditions in existence at the time of the investigation, and other information obtained and reviewed by EBC.
4. EBC's Phase I ESA report presents professional opinions and findings of a scientific and technical nature. While attempts were made to relate the data and findings to applicable environmental laws and regulations, the report shall not be construed to offer legal opinion or representations as to the requirements of, nor compliance with, environmental laws, rules, or regulations, or policies of federal, state, or local government agencies. EBC does not assume

liability for financial or other losses or subsequent damage caused by or related to any use of this document.

5. The conclusions presented in this report are professional opinions based on data described in this report. They are intended only for the purpose, site location, and project indicated. This report is not a definitive study of contamination at the site and should not be interpreted as such.
6. This report is based, in part, on information supplied to EBC by third-party sources. While efforts have been made to substantiate this third-party information, EBC cannot attest to the completeness or accuracy of information provided by others.

1.5 Special Terms and Conditions

Authorization to perform this assessment was given by a proposal for services between the AAA Group and EBC.

1.6 User Reliance

This report was prepared for the exclusive use of the AAA Group; no other party may use the report without the written authority of EBC.

2.0 PROPERTY DESCRIPTION AND PHYSICAL SETTING

2.1 Location and Legal Description

The Site is located on the north side of Middleton Street between Throop Avenue and Union Avenue, in the East Williamsburg section of the Borough of Brooklyn, City of New York, Kings County, New York (**Figures 1, 2 and 3**). The Site is identified by the street address 221 Middleton Street, and as Borough 3 – Block 2238 – Lot No. 41 on the New York City (NYC) tax maps (**Figure 4**). The lot is a rectangular-shaped 5,000 square foot (s.f.) parcel with 50 feet of frontage along Middleton Street.

According to the most recent deed obtained from the New York City Registrar and dated in June 2005, the current owner of the Site is M-DL Realty, Inc. A copy of the deed is attached in **Appendix B**.

2.2 Site Characteristics

The Site is improved with a single one-story industrial building with a partial basement area. The building has a footprint of approximately 4,000 s.f., and occupies the entire parcel, except for a 10-foot wide driveway area along the eastern side of the building. The driveway is concrete-paved and bordered to the north by a two-foot tall retaining wall topped with a four-foot high chain-link fence. Access to the driveway is via a chain-link gate, located along the sidewalk, north of the building.

The building interior is divided into eastern and western halves. The western half of the building consists of several offices and an elevated mezzanine area, with underlying storage areas. The eastern half of the building consists of factory space, storage areas and a small loading dock area, with a roll-up entrance door along Middleton Street. A small basement area, consisting of a boiler room, restroom/shower area and several storage rooms is located at the northern portion of the building and accessible via a stairway at the rear of the factory area. The basement area appears in active with evidence of trash/debris and water damage. A small addition is present at the rear of the building, which is utilized for printing paper storage. The western portion of the building (office and mezzanine areas) are occupied by a computer sales/service company and the eastern half is occupied by a printing shop, which produces take-out food menus. The printing shop also utilizes the space below the mezzanine area, which is approximately four-feet tall, for paper storage.

Photographs taken during of the Site during the site inspection are attached in **Appendix A**.

2.2.1 Utilities

Electric service for the building is provided by Con-Edison, potable water is supplied by the New York City Department of Environmental Protection (NYCDEP). Sanitary wastes for the building are discharged to the New York City municipal sewer system. The building is heated and supplied hot water by natural gas-fired equipment.

2.3 Physical Setting

The topography of the Site and surrounding area was reviewed from the United States Geological Survey (USGS) 7.5-minute series topographic map for the Brooklyn, New York (NY) Quadrangle (Figure 3), which indicates that the Site has a topographic elevation of approximately 16 feet above mean sea level (amsl). The Site is relatively flat with the general topographic gradient sloping downward to the east-southeast.

2.3.1 Surface Water

There are no surface water bodies on or adjacent to the Site. The nearest natural surface water body is Wallabout Channel located approximately one mile west of the Site. English Kills is also located approximately one mile east-northeast of the Site.

2.3.2 Soils

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

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

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

2.3.3 Groundwater

Estimated groundwater levels and flow directions may vary due to seasonal fluctuations in precipitation, local usage demands, geology, underground structures, or de-watering operations. Generally, groundwater flow typically mimics surface topography and will also tend to flow towards nearby bodies of water. Information contained in the EDR database report, the USGS Water-Table and Potentiometric-Surface Altitudes in the Upper Glacial, Magothy and Lloyd Aquifers Beneath Long Island, March-April 2006 (**Figure 5**), the USGS web site and topographic map were used to estimate groundwater depth and flow direction.

Based upon a surface elevation of 16 feet amsl, the depth to groundwater in the vicinity of the Site is approximately 10 feet below grade surface (bgs), and is expected to flow to the northwest, consistent with the regional trend.

2.3.4 Radon Risk

Radon is a colorless, radioactive, inert gas formed by the decay of radium and may be present in soils and rocks containing granite, shale, phosphate and pitchblende. The USEPA's Map of Radon Zones for New York State, September 1993, indicates that the Brooklyn area is not a radon risk area. The EDR report provides information from the New York State Department of Health (NYSDOH) radon survey which indicates that 51 radon tests have been conducted in Kings County. Test results indicate average radon concentrations of 0.75 pCi/L (first floor level) and 1.37 pCi/L (basements). Data indicate that approximately two percent of basements tested showed results in excess of the 4.0 pCi/L USEPA action level.

Additional data (October 2011) obtained from the NYSDOH indicates that 416 basement radon tests have been conducted in Kings County, with an average radon basement concentration of 1.93 pCi/L. Based on these data, radon does not likely represent an environmental concern.

3.0 PROPERTY USAGE

3.1 Current Property Usage

The property is currently developed with a one-story commercial building occupied by both a printing operation that produces various take-out food menus, and a computer sales/service company.

A review of New York City Department of Buildings (NYCDOB) records and the NYC Department of City Planning Zoning map indicates that the Site is zoned R-6A residential with a C2-4 commercial overlay (**Figure 5A**). Historic zoning maps indicate that the Site was zoned for commercial use (C8-2) from December 1961 through December 2009. A copy of the December 1961 zoning map is included as **Figure 5B**.

3.2 Current Usage of Adjoining/Surrounding Properties

A summary of the uses of the surrounding/adjacent properties is described below. Photos of the exterior of adjacent properties are attached in **Appendix A**.

Surrounding Property Usage

Direction	Property Description
North	A residential apartment under construction, followed by Lynch Street, with a service station beyond.
South	Middleton Street, followed by residential homes/apartment buildings, with Lorimer Street and a school beyond.
East	A residential apartment building, followed by Throop Avenue, Broadway and elevated NYC Transit Authority (NYCTA) subway tracks, with commercial/retail uses beyond.
West	Two residential apartments, followed by an auto collision/towing company, with Union Avenue and apartments beyond.

3.3 Historical Usage of Site and Surrounding Properties

Historical sources researched to determine past usage of the Site and surrounding properties are as follows:

Sanborn Fire Insurance Maps - Sanborn fire insurance maps for the Site and surrounding area were reviewed for the years 1887, 1904, 1918, 1935, 1947, 1950, 1965, 1977, 1980, 1981, 1982, 1987, 1987, 1989, 1991, 1992, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006 and 2007. The review is summarized in Section 3.3.1. Copies of Sanborn maps are included as **Appendix C**.

City Directory Abstract - A directory of historical telephone listings at the Site and surrounding properties were reviewed from approximately five year intervals for the years 1928 through 2012. The

review is summarized in Sections 3.3.2 below. A copy of the City Directory is included in **Appendix D**.

3.3.1 Sanborn Fire Insurance Maps - Site and Adjacent Properties

The historical usage of the Site and adjacent properties, identified through Sanborn map review, is summarized below:

1887

Subject Site:

The Site is shown as developed with a three-story residential home, which occupies the southwester portion of the parcel, fronting along Middleton Street and a small two-story structure, identified as a drum manufacturer, at the northeastern corner of the property.

Adjacent properties:

Residential homes and a bakery are located to the north, followed by Lynch Street, with retail stores, a carpenter and a school beyond. Several residential homes are located to the west, followed by an iron works and a cabinet maker with several undeveloped lots and residential homes beyond. Middleton Street is located to the south, followed by a residential homes and retail stores, with a hall and a sign painter beyond. Retail stores and residential homes are located to the east, followed by Throop Avenue and Broadway, with retail store beyond.

1904

Subject Site:

Southeastern portions of the property have been developed with a three-story residence. The previously existing residence and drum factory remain present.

Adjacent properties:

Surrounding properties are shown generally consistent with their 1887 map depictions, except that the bakery to the north is now identified as a retail store and properties across Middleton Street to the south and southeast have been redeveloped with the Gaiety Theater. In addition, a lumber yard is located further to the west, beyond the iron works and elevated subway tracks are noted along Broadway.

1918

Subject Site:

The Site is developed consistent with its 1908 map depictions.

Adjacent properties:

Residential homes and a retail stores are located to the north, followed by Lynch Street, with a sheet metal work, a lumber company and a school beyond. A church and braid factory are also visible to the northwest. Several residential homes are located to the west, followed by an iron works and an ice company with additional residential homes beyond. Middleton St is located to the south, followed by a retail stores and the Gaiety Theater, with retail and residential uses beyond. Retail stores and a garage are located to the east, followed by Throop Avenue and Broadway, with retail stores beyond.

1935

Subject Site:

The Site is developed consistent with its 1918 map depictions, except that the eastern residence is now identified as a retail store.

Adjacent properties:

Residential homes and a retail stores are located to the north, followed by Lynch Street, with an auto sales lot beyond. Union Avenue has been constructed further to the north, running southwest from Broadway, bisecting blocks to the north and west of the Site. Residential homes are located to the west and northwest, followed by several undeveloped lots, with Union Avenue beyond. Properties across Middleton Street to the south, consist of retail stores and the Gaiety Theater, with a garage and Lorimer Street beyond. A service station, with four gasoline underground storage tanks (USTs), a retail store and sign painter are located to the east, followed by Throop Avenue and Broadway, with retail stores and a bank beyond.

1947-1950

Subject Site:

The Site has been redeveloped with a single industrial building, consistent the currently existing structure. The building is identified as being occupied by a clothing factory. The Site

building is also identified as clothing factory and paper storage on the 1950 map.

Adjacent properties:

Surrounding properties to the north, east and west are shown generally consistent with their 1935 map depictions, except that braid factory to the northwest, is now identified as a non-specific industrial use. In addition, a “rug chemist” the used auto sales lot located north of Lynch Street is shown as undeveloped. Properties across Middleton Street to the south, consist of a chemical warehouse and an undeveloped lot (former theater), followed by a garage and retail stores, with Lorimer Street beyond. The former theater property to the south is identified as a parking lot and the service station to the east is identified as a rag and paper storage facility on the 1950 map.

1965

Subject Site:

The Site is developed consistent with its 1951 map depiction and identified as a clothing factory.

Adjacent properties:

Residential homes are located to the north, followed by Lynch Street, with a service station and Union Avenue beyond. Two residential homes are located to the west, followed by a parking lot and auto repair shop, with Union Avenue beyond. Properties across Middleton Street to the south, consist of retail and residential uses and a parking lot, with a garage and Lorimer Street beyond. A service station and factory are located to the east, followed by Throop Avenue and Broadway, with banks and office buildings beyond.

1977-1991

Subject Site:

The Site is developed consistent with its 1965 map depictions, except that the building is now identified as warehouse.

Adjacent properties:

Surrounding properties are also shown generally consistent with their 1965 map depictions,

except that the adjacent properties to the east are now shown as a parking lot. In addition, one of the former residential lot to the north is shown as undeveloped. The remaining three residential properties to the north are also shown as undeveloped by 1981.

1992-1996

Subject Site:

The Site is shown consistent with its 1991 map.

Adjacent properties:

Surrounding properties are shown generally consistent with their 1991 map depictions, except that eastern adjacent parking lot property is now identified as a used auto sales lot. In addition, the garage located further to the south along Lorimer Street is now identified as a non-specific commercial and manufacturing use.

2001-2003

Subject Site:

The Site is shown consistent with its 1996 map depictions.

Adjacent properties:

Surrounding properties are also shown generally consistent with their 1996 map depictions, except the former parking lot across Middleton Street to the south and east, is now identified as a building materials storage yard.

2004-2007

Subject Site:

The Site is shown consistent with its 2003 map depictions.

Adjacent properties:

Surrounding properties are also shown generally consistent with their 2003 map depictions, except that eastern adjacent properties have been redeveloped with the existing residential apartment buildings. In addition, the building materials storage yard across Middleton Street to the south and east, has been redeveloped with the existing apartment building.

The Sanborn maps did not identify the presence on any gasoline or other storage tanks on the subject property and there is no evidence of historical usage depicted in the available map which would indicate a potential environmental risk to the property.

The Sanborn maps from 1947 and 1965 identify the presence of a service station on the eastern adjacent property, with at least four gasoline USTs visible on the 1947 map. This property has been redeveloped several times since 1965, including the construction of the existing apartment buildings in 2004. As such, it is likely that any prior USTs and/or contamination would have been addressed during redevelopment activities. In addition, this property was not identified on any tank or spill databases, indicative of a petroleum release. As such, this site is unlikely to represent a significant environmental risk to the Site.

3.3.2 City Directory Listings

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

Historical City Directory Listings are summarized in the table provided below.

Date	Property Information
1928	Subject Property: S. Wells & Sons Drum Manufacturer and the name of an individual indicative of residential occupancy. Adjacent Properties: Press (532 Broadway) and the names of individuals indicative of residential occupancy.
1934	Subject Property: S. Wells & Sons Drum Manufacturer and the name of an individual indicative of residential occupancy. Adjacent Properties: The names of individuals indicative of residential occupancy.
1940	Subject Property: "Address not Listed in Research Source" Adjacent Properties: Williamsburg Tinsmith Supply Co. (530 Broadway)
1945	Subject Property: "Address not Listed in Research Source" Adjacent Properties: Athena Products Co. (532 Broadway)
1949	Subject Property: "Address not Listed in Research Source" Adjacent Properties: Lincoln Bar & Grill (530 Broadway)
1960	Subject Property: Kenmore Coat Company (223) Adjacent Properties: Lincoln Bar & Grill (530 Broadway), Garmark Body & Fender Works (196), Amco Brass and Steel Supply (202), Royal Neon Signs (206) and the names of individuals indicative of residential occupancy.

1965	Subject Property: "Address not Listed in Research Source" Adjacent Properties: Lincoln Bar & Grill (530 Broadway)
1970	Subject Property: "Address not Listed in Research Source" Adjacent Properties: "Address not Listed in Research Source"
1973	Subject Property: "Address not Listed in Research Source" Adjacent Properties: Five Star Service Center and Restaurant, Inc. (530 Broadway) and the names of individuals indicative of residential occupancy.
1976	Subject Property: BFW Industries, Inc. (221) Adjacent Properties: Joe Auto Collision (196), Austin Custom Interiors (206), and the names of individuals indicative of residential occupancy.
1980	Subject Property: "Address not Listed in Research Source" Adjacent Properties: The names of individuals indicative of residential occupancy.
1985	Subject Property: BFW Industries, Inc. (221) Adjacent Properties: Michael Stuart Co., (206), and the names of individuals indicative of residential occupancy.
1992	Subject Property: Eastern Noodle Co., Inc. (221) Adjacent Properties: The names of individuals indicative of residential occupancy.
1997	Subject Property: "Address not Listed in Research Source" Adjacent Properties: Espinal Auto Repair (196), Shmiras Shabes Publishing (206) and the names of individuals indicative of residential occupancy.
2000	Subject Property: BFW Industries, Inc. (221) Adjacent Properties: Espinal Auto Repair (196), Apartments (198 and 204) and the names of individuals indicative of residential occupancy.
2005	Subject Property: "Address not Listed in Research Source" Adjacent Properties: Family Store (192) and the names of individuals indicative of residential occupancy.
2007	Subject Property: "Address not Listed in Research Source" Adjacent Properties: Rush Home Repairs, Inc. and Box Ltd. (532 Broadway)
2012	Subject Property: "Address not Listed in Research Source" Adjacent Properties: Skillman Tower, LLC (80) and the names of individuals indicative of residential occupancy.

Note: Address numbers in () are located on Middleton Street, unless noted otherwise.

Information regarding additional surrounding properties identified on the City Directory search is included with the search in **Appendix D**. The city directory search did not identify any historic uses for the Site which would be indicative of a potential environmental impact to the Site.

3.3 Site History Summary

EBC was able to establish a history for the property dating back to 1887. According to a review of NYC records, City Directory Listings and historic Sanborn maps, as well as personal interviews, the Site was developed with residential home and a drum manufacturer by at least 1887. A second residence was added by 1904 which was also utilized as a retail store as identified on the 1935 Sanborn

map. By 1947, the Site was redeveloped with the existing structure, which was utilized as a clothing factory. From at least 1977 through 2007, the Site building utilized as a warehouse.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

As of the date of this report the user has not requested that EBC perform a title search.

4.2 Environmental Liens

An environmental lien is a charge, security or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup or other remediation of hazardous substances or petroleum products upon a property, including, but not limited to, liens imposed pursuant to CERCLA 42 USC § 9607 (1) & 9607(r) and similar state and local laws.

The user has not made EBC aware of any environmental liens against the Site and has not requested that EBC perform an environmental lien search for the Site.

4.3 Specialized Knowledge

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

4.4 Commonly Known or Reasonably Ascertainable Information

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

4.5 Valuation Reduction for Environmental Issues

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

4.6 Owner, Property Manager and Occupant Information

According to New York City Department of Finance records, the current owner of the Site is M-DL Realty, Inc.

4.7 Reason for Performing Phase I ESA

The Phase I ESA was performed to identify recognized environmental conditions at the Site as part of the due diligence to support the acquisition of the property by the AAA Group.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

Environmental Data Resources (EDR) of Southport, Connecticut was retained to provide a computerized database search of the project area within an ASTM-standard radius of the Site. A list of the databases searched and the search radius is shown on the summary table below. EBC reviewed the database output to determine if the property appears on any of the regulatory agency lists. Detailed information concerning each database list is provided in the EDR report (**Appendix E**). A summary of standard environmental record sources researched is as follows:

5.1.1 Federal Databases

The table below summarizes the Federal databases that were searched.

Federal Databases Searched

Agency	Listing Name or Database Searched	Abbreviation	Search Distance
USEPA	National Priority List	NPL	1.0 mile
USEPA	National Priority List Deletions	Delisted NPL	1.0 mile
USEPA	Comprehensive Environmental Response Compensation and Liability Act Registry	CERCLIS	0.5 mile
USEPA	CERCLIS No Further Remedial Action Planned	CERCLIS-NFRAP	0.5 mile
USEPA	Resource Conservation and Recovery Act Corrective Action Activity	CORRACTS	1.0 mile
USEPA	Resource Conservation and Recovery Act Treatment/Storage/Disposal Facilities	RCRA TSD	0.5 mile
USEPA	Resource Conservation and Recovery Act Small/Large Quantity Hazardous Waste Generators	RCRA SQG/LQG	Site and Adjoining
USEPA	Federal Institutional/Engineering Control registries	US INST/ENG Controls	Site
USEPA	Emergency Response Notification System	ERNS	Site
USEPA	Superfund (CERCLA) Consent Decrees	CONSENT	1.0 mile
USEPA	Records of Decision	ROD	1.0 mile
USEPA	Mines Master Index	MINES	0.25 mile

Federal NPL List - The National Priority List (NPL) is the United States Environmental Protection Agency (USEPA) database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the federal Superfund Program.

Findings: The Site is not listed as an NPL facility. No NPL sites were identified within a 1-mile radius of the Site.

Federal Delisted NPL List – NPL Delisted Sites are former NPL sites that have been remediated and removed from the USEPA’s priority list. Sites are deleted where the USEPA has determined that no further response is appropriate.

Findings: The Site is not identified as a Delisted NPL facility. There were no Delisted NPL sites identified within a one-mile radius of the Site.

Federal CERCLIS List - The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is a compilation of sites that the USEPA has investigated or is currently investigating for a release or threatened release of hazardous substances.

Findings: The Site is not listed as a CERCLIS facility. There are no CERCLIS sites identified within a ½ mile radius of the Site.

Federal CERCLIS-NFRAP List – No Further Remedial Action Planned (NFRAP) sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of USEPA’s knowledge, assessment at a site has been completed and that USEPA has determined no further steps will be taken to list this site on the National Priorities List (NPL).

Findings: The Site is not listed as a CERCLIS-NFRAP facility. Two CERCLIS-NFRAP sites were identified within a one mile radius of the Site. These listings are summarized as follows:

Slattery Stove Site, 171-187 Wallabout Street, is located approximately 1,560 ft southwest and hydraulically crossgradient of the Site. The USEPA completed removal action at this site in November 1991 and the site was subsequently archived. The Slattery facility is also listed on the RCRA-NonGen PRP, FINDS and NYMANIFEST databases.

Borden Chemical Adhesives, 56 Nostrand Avenue, is located approximately 2,240 south-southwest and hydraulically crossgradient of the Site. The USEPA completed a Preliminary

Assessment and inspection of this facility in October 1980 and the site was subsequently archived. The Borden site is also listed on the RCRA and FINDS databases.

Based on the information in the database report, the distance and hydraulically crossgradient locations of these facilities, it is unlikely that the two listed CERCLIS-NFRAP sites present a significant environmental concern to the Site.

Federal RCRA CORRACTS List - The RCRA Corrective Actions (CORRACTS) database is the USEPA's list of hazardous waste treatment, storage or disposal facilities subject to corrective action under RCRA.

Findings: The Site is not listed as a RCRA CORRACTS facility. Two RCRA CORRACTS sites were identified within a one mile radius of the Site. These listings are summarized as follows:

Pfizer, Inc., 11 Barlett Street, is located approximately 1,380-feet south-southeast and hydraulically crossgradient of the Site. The database indicates that a RCRA Facility Assessment for this facility was completed in September 1992 and the property was assigned a medium corrective action priority. Fourteen RCRA violations are listed for this facility. The Pfizer, Inc. facility is also listed on the FINDS, RCRA-LQG, RAATS and two State MANIFEST databases.

Tectronics Ecological Corp., 8 Walworth Street, is located approximately 2,160-feet southwest hydraulically crossgradient of the Site. The database indicates that a RCRA Facility Assessment for this facility was completed in November 1985 and the facility was assigned a medium corrective action priority. Fourteen RCRA violations are listed for this facility. The Tectronics Ecological Corp. facility is also listed on the FINDS, RCRA-Non and two State MANIFEST databases.

Based on their distance and/or hydraulically crossgradient locations, these facilities are unlikely to present significant environmental concern to the Site. Therefore, they are not considered RECs.

Federal RCRA Treatment, Storage and Disposal Facilities - The USEPA Resource Conservation and Recovery Act (RCRA) program identifies reporting facilities that treat, store or dispose of hazardous waste.

Findings: The Site is not listed as a RCRA TSDF and no TSDFs were identified within a ½ mile radius of the Site.

Federal RCRA Generators - The RCRA Generators database is a compilation of reporting facilities that generate hazardous waste. A LQG is a site which generates more than 1,000 kilograms (kg) of hazardous waste during any one calendar month and can store waste on-site for up to 90 days. A SQG is a site which generates more than 100 and less than 1,000 kg of hazardous waste during any one calendar month and accumulates less than 6,000 kg of hazardous waste at any time; or a site which generates less than 100 kg of hazardous waste during any one calendar month and accumulates less than 1,000 kg of hazardous waste at any time. A CESQG is a site which generates less than 100 kg of hazardous waste or less than one kg of acutely hazardous waste during any one calendar month. A NonGen site is a former registered/regulated generator which does not presently generate hazardous waste.

Findings: The Site is not listed as a RCRA-SQG, RCRA-CESQG, RCRA-LQG or RCRA-NonGen facility. Three RCRA-LQG facilities, four RCRA-SQG facilities, four RCRA-CESQG facilities and 22 RCRA-NonGen facilities were identified within a 1/4 mile radius of the Site.

The EDR report indicates that there are no reported RCRA violations associated with 32 of the 33 (three LQGs, three SQGs, four CESQGs and 22 NonGens) listed RCRA sites, and there is no reported evidence in the database search that suggests that these sites are a significant environmental concern to the Site. One of the listed RCRA facilities is located adjacent to the Site, and is summarized below:

- NYC Transit Authority (ID No. NY0000902171), 22 Throop Avenue, located adjacent to the southeast, across Middleton Street and hydraulically crossgradient of the subject properties. No violations were listed for this site in the EDR report. The site formerly

operated as a RCRA-SQG between October 1994 and March 1996 and a RCRA-LQG between March 1996 and July 1999. Six manifest records were included in the database report, which indicate that the site disposed of lead wastes.

A review of the one site (NYS Armory, 355 Marcy Avenue), with listed violations indicates that corrective action was taken by the responsible parties and the site is listed as “in compliance”. No open RCRA violations exist for this site and there is no reported evidence in the database search that suggests that this site is a significant environmental concern to the subject property.

Federal Institutional/Engineering Controls – Federal Institutional/Engineering Controls databases list sites with institutional/engineering controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. 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.

Findings: No Federal Institutional/Engineering Controls were listed for the Site and no sites were identified within a ½ mile radius of the Site.

Federal Emergency Response Notification System - The Emergency Response Notification System (ERNS) is national database used collect information on reported releases of oil or hazardous substances.

Findings: The Site and adjacent properties were not identified in the ERNS databases.

Federal Superfund Consent Decrees - The Superfund Consent Decrees (CONSENT) list identifies major legal settlements that establish responsibility and standards for cleanup at NPL sites.

Findings: Neither the Site nor any property within one mile of the Site is identified in the CONSENT databases.

Federal Records of Decision - Record of Decision (ROD) documents mandate a permanent remedy at an NPL site containing technical and health information to aid in the cleanup.

Findings: Neither the Site nor any property within one mile of the Site is identified a ROD site.

Federal Master Mines Index - The Master Mines Index (MINES) file contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Findings: Neither the Site nor any property within ¼ mile of the Site is listed in the MINES database.

5.1.2 New York State Databases

The table below summarizes the State databases that were searched.

New York State Databases Searched

Agency	Listing Name or Database Searched	Abbreviation	Search Distance
NYSDEC	Inactive Hazardous Waste Disposal Sites in New York State	SHWS	1.0 mile
NYSDEC	Solid Waste Facility Register	SWF	0.5 mile
NYSDEC	Registered Recycling Facilities	SWRCY	0.5 mile
NYSDEC	Registered Waste Tire Storage Facilities	SWTIRE	0.5 mile
NYSDEC	Leaking Underground Storage Tank Sites	LTANKS	0.5 mile
NYSDEC	Petroleum Bulk Storage (PBS)	UST/AST	Site and Adjoining
NYSDEC	Chemical Bulk Storage (CBS)	CBS AST/UST	Site and Adjoining
NYSDEC	Institutional/Engineering Control registries	INST/ENG Controls	Site
NYSDEC	Voluntary Cleanup Agreements	VCP	0.5 mile
NYSDEC	Brownfield sites	Brownfields	0.5 mile
NYSDEC	Major Oil Storage Facilities	MOSF	0.5 mile
NYSDEC	New York State Spills	NYSPILLS	0.125 mile
NYSDEC	Dry Cleaner Site	Drycleaners	0.25 mile

NYS Inactive Hazardous Waste Disposal Sites - The New York State Department of Environmental Conservation (NYSDEC) maintains a state priority list of Inactive Hazardous Waste Disposal Sites (SHWS) considered to be actually or potentially contaminated and presenting a possible threat to human health and the environment. Referred to as the State Superfund Program, the Inactive

Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance/waste sites.

Findings: The Site is not listed as a SHWS site. Two SHWS facilities were identified within a one mile radius of the Site. These facilities are summarized as follows:

- Naval Station – Brooklyn, Transformer Area (ID No. 224018A), Flushing Avenue, is located approximately 4,820-feet west-southwest and hydraulically downgradient/crossgradient of the Site. This facility consists of two electrical substations with transformers that formerly utilized PCB-containing dielectric fluids. Dielectric fluids have been replaced, impacted soil beneath the transformers was removed and groundwater monitoring did not reveal impacts. Some residual impacts remain but they do not represent a threat to the public. Remediation of the facility has been completed and the status of the facility is listed as “Closed – No further action required”.
- BQE/Ansbacher Color and Dye Factory (ID No. 224016), Meeker Avenue, is located approximately 4,020 feet north-northwest and hydraulically downgradient of the Site. This facility is located underneath the Brooklyn-Queens Expressway (BQE) along Meeker Avenue between Metropolitan and Union Avenues. Some soil remediation was performed during the reconstruction of the BQE in the early 1990’s, however, soil and groundwater at the site are impacted by residual concentrations of arsenic, cyanide, mercury and lead. Groundwater contamination is not migrating significantly beyond the footprint of the former factory and soil exposure is limited by existing pavement. The NYSDEC classifies this site as “not a significant to public health or the environment.”

Based upon this information, their distance and hydraulically downgradient/crossgradient location, these facilities are unlikely to present a significant environmental concern to the Site. Therefore, the two listed SHWS facilities are not considered RECs.

Hazardous Substance Waste Disposal Sites - The Hazardous Substance Waste Disposal Sites (HSWDS) list includes any known or suspected hazardous substance waste disposal sites. Also included are sites de-listed from the Registry of Inactive Hazardous Waste Disposal Sites list and non-

Registry sites that USEPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared.

Findings: The Site is not listed as on the HSWDS database. One HSWDS site, Borden Chemical, 56 Nostrand Avenue, was identified within a one-half mile radius of the Site. This site was detailed previously on the CERC-NFRAP sites lists, and was determined to be located hydraulically crossgradient separate of the Site. Therefore, it is not considered a REC.

NYS Landfill - The NYSDEC Solid Waste Facility Register records contain an inventory of solid waste disposal facilities or landfills in New York State.

Findings: The Site is not listed as a landfill and no SWF/LF facilities were identified within a ½ mile radius of the Site.

NYS Registered Recycling Facilities - The Registered Recycling Facilities List (SWRCY) is a NYSDEC list of recycling facilities.

Findings: The Site is not listed as a SWRCY site. No SWRCY sites were identified within a ½ mile radius of the Site.

NYS Registered Waste Tire Storage Facilities - The Registered Recycling Facilities List (SWTIRE) is a NYSDEC list of Registered Waste Tire Storage & Facility List.

Findings: The Site is not listed as a SWTIRE site. There were no SWTIRE sites identified within a ½ mile radius of the Site.

NYS Leaking Underground Storage Tank Sites - The Leaking Underground Storage Tank Sites (LTANKS) database contains a NYSDEC inventory of reported leaking storage tank incidents. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Findings: The Site is not identified as a LTANKS site. However, 27 LTANK and 31 Historical LTANK sites were identified within ½ mile of the Site. Twenty-six of the 27 LTANK sites

listed in the database were issued letters of no further action by the NYSDEC, and there is no reported evidence in the database search which suggests that these sites are a significant environmental concern to the Site. In addition, none of the listed closed LTANKS sites is located adjacent to the Site.

The one active LTANKS site is summarized below:

Spill No. 09-07625 – Gulf Station 70227, 189 Pennsylvania Avenue. This spill, which occurred on October 10, 2009, is related to a tightness test failure of a gasoline UST. No additional information is provided and the spill remains open with the NYSDEC. This facility is incorrectly mapped as being located approximately 1,630 feet west of the Site, which is consistent with 189 Pennsylvania Street (a residential building). The service station at 189 Pennsylvania Avenue is located over 3.5 miles southeast of the Site.

Based on the nature of the release and its correct location over 3.5 mile from the Site, it is unlikely that this spill has impacted the Site. Therefore, the spill is not considered a REC.

A review of the 31 Historical LTANKS sites identified the presence of two additional active NYSDEC spill incidents. Information provided regarding these spills indicates that the incidents are unlikely to represent an environmental concern to the Site.

NYS Petroleum Bulk Storage - The NYSDEC Petroleum Bulk Storage - Underground Tanks (UST) database lists facilities with a petroleum storage capacity of more than 1,100 gallons and less than 400,000 gallons. The NYSDEC Petroleum Bulk Storage - Aboveground Tanks (AST) database lists facilities with registered above ground storage tanks.

Findings: The Site is not listed as a UST, Hist UST, AST or Hist AST site. However, 23 UST sites, 17 HIST UST sites, and 18 AST sites are registered within a ¼ mile radius of the Site. Properties with registered ASTs or USTs do not necessarily pose a hazard unless the tanks are leaking or a spill occurs. Most tanks in the area hold home heating oil for on-site boilers and furnaces. Sites with leaking tanks or spills are addressed in the appropriate section.

None of the listed PBS-UST or PBS-AST facilities is located adjacent to the Site.

NYS Chemical Bulk Storage - The Chemical Bulk Storage (CBS) database is a NYSDEC list of facilities that store regulated hazardous substances in aboveground tanks (AST) with capacities of 185 gallons or greater or underground tanks (UST) of any size.

Findings: The Site is not identified as a CBS facility. No CBS UST or CBS AST facilities were identified within a ¼ mile radius of the subject search.

NYS Institutional/Engineering Controls – NYSDEC list of Environmental Remediation sites with Institutional or Engineering Controls in place.

Findings: Neither the Site nor any site within a ½ mile of the Site was identified in the NYSDEC Institutional/Engineering Controls databases.

NYS Voluntary Cleanup Agreements - The NYSDEC Voluntary Cleanup Program (VCP) database identifies hazardous waste sites undergoing private sector cleanup as part of redevelopment.

Findings: The Site was not identified as a VCP site. Three VCP sites were identified within a one-half mile radius of the subject property. These sites are summarized as follows:

- Pfizer Sites B&D (V00350), located at 59-71 and 60-66 Gerry Street, is approximately 1,090-feet southeast and hydraulically upgradient of the Site. This facility consists of several properties that were occupied by Pfizer and various commercial/industrial tenants and have been separated into two distinct areas (B and D) based upon their current ownership. Significant investigation and remediation has been conducted on Area B, including tank removals, soil and groundwater removal and groundwater remediation. Residual groundwater contamination, specifically a chlorinated volatile organic compound (VOC) plume remains. A Remedial Work Plan is under development to address this plume. Area D is still being investigated, although preliminary sampling has identified chlorinated VOCs in groundwater and soil/fill impacted by metals and semi-volatile organic compounds (SVOCs). Investigation and remediation activities, including soil vapor intrusion monitoring, are on-going.
- Pfizer Central Site (V00124), located at 630 Flushing Avenue, is approximately 1,420-feet south-southeast and hydraulically crossgradient of the Site. This site is a former

chemical manufacturer which operated from the 1850s through 1984. The facility was decommissioned and subsequently demolished in 1995. Remediation was conducted between 1997 and 2001 to remove soils contaminated with lead, mercury, benzene and petroleum hydrocarbons. Residual impacts at the site are being controlled through engineering and institutional controls and re-developed for residential use is prohibited without additional remediation.

- Pfizer Citric Block Site (V00067), located at 630 Flushing Avenue, approximately 1,450-feet south-southeast and hydraulically crossgradient of the Site. This site is a former chemical manufacturer which operated from the 1850s through 1984. The facility was decommissioned and subsequently demolished in 1995. Remediation was conducted (1998) and post-remedial groundwater monitoring was acceptable. Residual impacts at the site are being controlled through engineering and institutional controls.

Based on the information provided in the database report, the urban nature of the surrounding area, that facility owners are actively addressing the issues at the properties, and since the entire area utilizes municipally-supplied groundwater, it is unlikely that these facilities present a significant environmental concern to the Site. Therefore, they are not considered RECs.

NYS Brownfields - A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Findings: The Site was not identified as a Brownfield site. No Brownfield sites were located within ½ mile of the Site.

NYS Major Oil Storage Facilities - The NYSDEC Major Oil Storage Facilities (MOSF) database lists facilities or vessels with a petroleum storage capacity of more than 400,000 gallons.

Findings: The Site was not identified as an MOSF. No MOSF UST sites or MOSF AST sites were identified within ½ mile of the Site.

NYS Spills - The New York State Spills Information Database (NY SPILLS) contains data collected on chemical and petroleum spill incidents reported to NYSDEC since April 1, 1986.

Findings: The Site is not listed within either the NY SPILLS or NY Hist SPILLS databases. However, 23 spill sites and 13 historical spill sites were identified within $\frac{1}{8}$ mile of the Site. Twenty-two of the 23 NYSPILLS sites listed in the database were issued letters of no further action by the NYSDEC, and there is no reported evidence in the database search which suggests that these sites are a significant environmental concern to the Site. In addition, none of the listed closed NYSPILLS sites are located adjacent to the Site.

The one active NYSPILLS site is summarized below:

Spill No. 09-09352 – Commercial Property, 120-150 Union Avenue, is located approximately 60 feet southwest and hydraulically crossgradient of the Site. This spill, which occurred on November 20, 2009, is related to the discovery of soil and groundwater contamination surrounding an abandoned UST. Approximately 40 cubic yards of impacted soil were removed, however floating product was present in at least one monitoring well as recently as July 2011. The spill remains open with the NYSDEC. Based on the nature of the release and its hydraulically crossgradient location, it is unlikely that this spill has impacted the Site. Therefore, the spill is not considered a REC.

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSDF.

Findings: The Site is not listed as a MANIFEST site. However, 31 manifest sites were identified within a $\frac{1}{4}$ mile radius of the Site. Twenty-four of the 31 NYMANIFEST sites are also listed on one of the RCRA Hazardous Waste Generator databases. Information provided within the EDR report indicates that there are no listed violations or that corrective action has been taken to address the violations listed for these sites. Therefore, it is unlikely that these facilities present a significant environmental risk to the Site, and they are not considered RECs. One listed NYMANIFEST site: NYCTA, 22 Throop Avenue, is located

adjacent to the Site. This site was discussed previously in the RCRA section (see Section 5.1.1).

Drycleaner Sites - The NYSDEC maintains a listing of all registered drycleaners. Drycleaner sites do not necessarily pose a hazard unless a spill occurs. Sites at which spills have been identified are addressed in the appropriate section.

Findings: The Site is not identified as drycleaner. No drycleaners sites were identified within ¼ mile of the Site.

NYS Manufactured Gas Plants - Manufactured gas plants (MGP) were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar, sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Findings: The Site is not identified as an MGP site. Six Manufactured Gas Plant (MGP) sites (Nassau Gas, Skillman Avenue; Scholes Street Station, Scholes and Bogart Streets; Skillman Station, Skillman Street and Flushing Avenue; Rutledge Station, Rutledge Street and Wythe Avenue; Keap Street Station, Keap Street and Wythe Avenue; and BU-Nassau Branch, Kent Street and Division Avenue) are listed in the database report. Each of the six listed MGP sites are located hydraulically crossgradient/downgradient of the Site. Therefore, they are unlikely to represent a significant environmental concern to the Site and are not considered RECs.

5.2 Additional Environmental Record Sources

5.2.1 Local Agency Review

Freedom of Information Act (FOIA) requests were sent to the New York City Department of Environmental Protection (NYCDEP), New York City Fire Department, New York City Department of Health (NYCDOH) and the New York City Fire Department (FDNY) for information regarding

hazardous operations and or other environmental reports/investigations for the Site, including the registration of fuel storage tanks, past spills, or violations. As of the date of this report, a response had not been received for the FOIA request. Regulatory agencies usually take six to eight weeks to process FOIA requests. Any pertinent information received will be reviewed and forwarded upon receipt. Copies of FOIA requests and regulatory agency responses are included in **Appendix B**.

5.2.2 *New York City Department of Finance*

The following is a summary of pertinent information obtained from the New York City Department of Finance website:

Tax Lot:	Borough 3 - Block 2238 – Lot No. 41
Address:	219-223 Middleton Street
Owner:	M-DL Realty, Inc.
Lot Size:	50 by 100 feet – rectangular
Building Class:	F9 – Factory; Industrial-Miscellaneous
Zoning:	Residential (R-6A) with a commercial (C2-4 overlay)

5.2.3 *New York City Department of Buildings*

The Department of Buildings (DOB) computerized Property Profile Overviews (PPOs) were reviewed. Pertinent information regarding the Site is summarized below:

According to the PPO, nine Actions are listed for this lot: one alteration permit, dated in 1970; one computation floor load analysis, dated in 1961; one denied case, dated in 1940, one Certificate of Occupancy (C/O), dated in 1946; two oil burner applications, dated in 1946 and 1961; one plumbing and drainage permit, dated in 1945; one new building permit, dated in 1945; and one unsafe building notice, dated in 1970.

Seven DOB and one Environmental Control Board (ECB) violations are listed for the Site. Three of the listed DOB violations are related to unspecified issues and the remaining four are associated with carious boiler issues. Each of the seven listed violations is identified as resolved. The listed ECB violation is summarized as follows:

- ECB Violation No. 34535898H, dated October 6, 2006, was issued for construction work not conforming to the approved plans. This violation has been resolved.

Four Complaints are listed for this lot, which are summarized as follows:

- No. 3415574 dated June 18, 2012, associated with a report of stray electrical voltage to the roll-down building gate;
- No. 3415570 dated June 18, 2012, associated with a report of stray electrical voltage to an existing metal fence;
- No. 3290394 dated December 23, 2008, associated with the reports of shaking/vibrating building related to the construction of a mezzanine level and rear addition; and
- No. 3202840 dated September 14, 2006, related to the report that a mezzanine level was constructed within the building contrary to approved plans.

The listed Complaints do not represent an environmental concern; however Complaints remain open/active. As such, action should be taken to resolve the Complaint with the appropriate agency.

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

- No. 302000199, dated November 14, 2005, a permit was issued for construction of new interior partition walls for an office area;
- No. 320482027, dated June 12, 2012, plans submitted for a new six-unit residential building were disapproved; and
- No. 320482027, dated July 25, 2012, additional information was filed related to the previous new building construction application.

5.2.4 Previous Environmental Reports

No previous ESAs or information regarding previous environmental investigations/reports for the Site was provided to EBC for review at the time of preparation of this document.

5.2.5 Historic Zoning Map

A review of the NYC Department of City Planning Zoning Maps for the years 1961 through 2012 indicates that the Site was formerly zoned commercial C8-2 from at least December 1961 through December 2009. A copy of the December 1961 zoning map is included as **Figure 5B**.

5.2.6 Activity and Use Limitations

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

The search for environmental liens and AULs also included a review of information available from the New York City Department of Finance, New York City DOB and the EDR database report.

The City of New York Environmental Quality Review (CEQR) Requirement Declarations and City of New York Zoning maps and website indicated that the Site is included within the Broadway Triangle Re-zoning Area. A review of the Final Environmental Impact Statement (FEIS) (No. 09HPD019K) prepared as part of the Broadway Triangle Re-zoning project, indicates that the Site has been designated as “E” Hazardous Materials/Air/Noise. The Hazardous Materials designation indicates that there is a potential for soil and groundwater beneath the Site to be impacted related to historic industrial use of the property.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Mr. Keith Butler of EBC performed the site inspection on Thursday, October 11, 2012, beginning at approximately 11:30 am. The reconnaissance included a visual inspection of the interior of the building, the sidewalk immediately in front of the Site building, and the exterior of adjacent properties.

Photographs taken during the inspection are attached (**Appendix A**).

6.2 Observations

At the time of the inspection, the Site was improved with a single one-story industrial building with a partial basement area. The building has a footprint of approximately 4,000 s.f., and occupies the entire parcel, except for a 10-foot wide driveway area along the eastern side of the building. The driveway is concrete-paved and bordered to the north by a two-foot tall retaining wall topped with a four-foot high chain-link fence. Access to the driveway is via a chain-link gate, located along the sidewalk, north of the building. Access to the site was arranged by the property owner Mr. David Zheng; although Mr. Zheng was not present for the inspection.

The building interior is divided into eastern and western halves. The western half of the building consists of several offices and an elevated mezzanine area, with underlying storage areas. The eastern half of the building consists of factory space, storage areas and a small loading dock area, with a roll-up entrance door along Middleton Street. A small basement area, consisting of a boiler room, restroom/shower area and several storage rooms is located at the northern portion of the building and accessible via a stairway at the rear of the factory area. The basement area appears inactive with evidence of trash/debris and water damage. In addition, a small addition is present at the rear of the building, which is utilized for printing paper storage. The western portion of the building (office and mezzanine areas) are occupied by a computer sales/service company and the eastern half is occupied by a printing shop, which produces take-out food menus. The printing shop also utilizes the space below the mezzanine area, which is approximately four-feet tall, for paper storage.

6.3 Aboveground and Underground Storage Tanks (ASTs/USTs)

The building currently utilizes natural gas for heat and hot water. A gas valve was observed on the

southern building exterior during the site inspection. No evidence of aboveground or underground storage tanks (i.e. vent or fill pipes) were observed on the property at the time of the October 11, 2012 site inspection. The EDR database report did not identify any registered tanks associated with the property, although information available from the New York City DOB website indicates that two oil burner applications were filed for the site in 1946 and 1961. As such, there is a potential for a fuel oil UST or AST to have been present on the Site. Additional information may be available in files maintained by the FDNY; however, no responses to EBC's FOIL requests have been received to date.

6.4 Hazardous and Non-Hazardous Chemical Storage and Disposal

Numerous cans and plastic containers ranging in size from five-gallons to less than one-gallon of printing inks and cleaning solvents were noted within the main portion of the print shop. Minor evidence of staining was noted in association with the stored materials, however, no floor drains are located within the shop and the staining was not extensive enough to warrant a concern. The on-site storage of these materials is consistent with normal business operations. The on-site storage of these materials is not considered a REC. No information regarding the generation of chemical wastes and/or waste disposal was provided. Although, no significant quantities of stored waste was observed and the Site is was not identified as a RCRA hazardous waste generator.

In addition, minor quantities of paints and cleaning chemicals were stored in the building. The identified materials are stored in retail-size containers and their storage is consistent with normal building cleaning and maintenance activities.

Solid wastes and recyclables generated at the site are stored in trash cans located in the loading dock area. The wastes are hauled curbside by the New York City Department of Sanitation and disposed of off-Site. No RECs, associated with solid waste generation, storage, and disposal were identified on the Site during the reconnaissance or through personnel interviews.

6.5 Underground Injection Control (UIC) Structures

Underground injection wells are regulated by the Underground Injection Control (UIC) Program under the authority of Part C of the Safe Drinking Water Act (SDWA) (42 U.S.C. 300h et seq.). The SDWA is designed to protect the quality of drinking water in the United States, and Part C specifically mandates the regulation of underground injection fluids through wells. The USEPA has promulgated a

series of UIC regulations under this authority. Applicable revisions to UIC regulations were published in the State Implementation Guide - Revisions to the Underground Injection Control Regulations for Class V Injection Wells, September 2000. This document specifically addresses Class V injection wells, which include on-site wastewater disposal features such as drywells, cesspools and in-situ drains. The USEPA issued a Notice of Final Determination for Class V wells; Final Rule on June 7, 2002. With the exception of motor vehicle waste disposal wells and large-capacity cesspools, Class V wells are “authorized by rule” (40 CFR 144.24) and may inject non-hazardous waste as long as the following criteria are met:

- The injection does not endanger underground sources of drinking water (40 CFR 144.12); and
- The well owners or operators submit basic inventory information (40 CFR 144.26).

The USEPA may, at its discretion, require the owner or operator of any well authorized by rule to submit information for review to determine if a well may be endangering an underground source of drinking water. In regard to motor vehicle waste disposal wells and large capacity cesspools (those that serve more than 20 persons per day), owners and/or operators of such wells in regulated areas must close the wells or obtain a permit. These requirements were phased-in through 2008. Owners and operators of large-capacity cesspools were required to close these structures by April 5, 2005.

The Site is serviced is serviced by the NYC municipal sewer system.

No exterior storm drains were identified on the property at the time of the site inspection. A floor drain was observed in the basement shower room area and appears to be connected to the NYC municipal sewer system.

6.6 Polychlorinated Biphenyls (PCBs)

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

Electrical equipment containing PCBs are still in use and can pose a serious health hazard if fluids come in direct contact with humans, soil or groundwater. Fires involving electrical equipment

containing PCBs can cause the material to be dispersed over a large area and potentially expose many people to a health risk. Because of the health hazard associated with PCBs, they are regulated under the Toxic Substances Control Act (TSCA).

Fluorescent light ballasts were observed throughout the building spaces, which based on the age of the buildings, may contain PCBs. The disposal of leaking PCB ballasts is subject to federal regulations. No evidence of leakage associated with observed light ballasts was apparent as viewed from ground level.

No hydraulic automotive lifts, elevators, electrical transformers or other equipment suspected to contain PCBs, except the aforementioned light ballasts, were identified within the building at the time of the site inspection.

6.7 Asbestos

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

As part of the site inspection, a visual survey was conducted of accessible areas for the presence of suspect asbestos-containing materials (ACM). Suspect asbestos-containing floor tiles were observed throughout the first and mezzanine office areas of the building. The suspect ACM was in good to fair condition at the time of the site inspection. In addition, due to the age of the Site's building, it is possible that roofing, roof flashing and other (inaccessible) building materials may contain asbestos. No sampling of suspect ACM was conducted in coordination with this Phase I ESA.

6.8 Lead-Based Paint (LBP)

In 1978, the U.S. Product Safety Commission issued a ban on paints or surface coatings that contain greater than 0.06 percent lead. A visual inspection of painted surfaces conducted during the site inspection indicated that interior paint within the building was in good to fair condition with no

evidence of chipping and/or peeling, except for several small water damaged areas in the basement. The building exterior was finished with unpainted brick or steel panels.

The lead contents of the paints are unknown, but due to the age of the building, the presence of lead-based paint (LBP) is possible. The disposal of lead paint waste resulting from renovation or demolition activities may be subject to federal and State regulations.

6.9 Mold

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

As part of this assessment, a visual inspection was conducted for the presence of water damage and odors, indicative of the potential for mold growth. The inspection identified minor areas of water damaged on the walls of the building basement, with some areas of peeling paint and water-stained paint/concrete. However, no, visible mold growth or active water leaks were observed.

6.10 Wetlands

A review of the NYSDEC Freshwater Wetland Map, Brooklyn Quadrangle, indicates that no NYS freshwater wetlands are located within a one mile radius of the Site. ECB also reviewed NYSDEC Tidal Wetlands Maps available online at <http://twi.ligis.org>. The tidal wetlands map (No. 586-506) showing the Site and surrounding properties indicate that Wallabout Channel located approximately 0.95 mile west of the subject property are classified as Littoral Zone (LZ) tidal wetlands. LZ wetlands are defined as the tidal wetland zone that includes all lands under tidal waters which are not included in any other category. There shall be no LZ under waters deeper than six feet at mean low water.

Potential federal wetlands were identified from the U.S. Fish and Wildlife Service (FWS) Wetlands Mapper software, which indicate that nearest potential federal wetlands, Wallabout Channel, are located 0.95 mile west of the Site. Additional information obtained from the FWS website is included in **Appendix B**.

Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) were reviewed to determine if the Site is located within the 100-year or 500-year flood zones. The FIRM showing the property (No. 3604970204F) indicates that the entire property is located outside the 100-year and 500-year flood zones. This indicates that there is a minimal risk of flooding at the Site. A copy of the FEMA FIRM is included in **Appendix B**.

7.0 INTERVIEWS

7.1 Owner

Neither the property owner nor his representatives were present during the site inspection; however, EBC personnel did contact the property owner, Mr. David Zheng, who arranged permission for EBC to access the Site. Mr. Zheng was also interviewed and provided a brief Site history and general Site information. Pertinent statements made by the Mr. Zheng are included throughout this report.

7.2 Occupants

No occupants with prior knowledge of the Site were made available to EBC for an interview. An addendum will be prepared and forwarded to the AAA Group, if an interview is conducted at a later date.

7.3 Local Government Officials

Freedom of Information Act (FOIA) requests were sent to the NYCDEP, NYCDOH and FDNY York City Department of Health (NYCDOH) for information regarding hazardous operations and or other environmental reports/investigations for the Site, including the registration of fuel storage tanks, past spills, or violations. As of the date of this report, a response had not been received for the FOIA request. Regulatory agencies usually take six to eight weeks to process FOIA requests. Any pertinent information received will be reviewed and forwarded upon receipt. Copies of FOIA requests and regulatory agency responses are included in **Appendix B**.

8.0 FINDINGS AND OPINIONS

Based upon reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, **no recognized environmental conditions were identified** in connection with the Site.

8.1 Additional Environmental Issues

8.1.1 E-Designation

The Site is identified as having a Hazmat “E” restriction. The Site has been assigned an E-designation (E-238) as part of the Broadway Triangle Re-zoning Area. A review of the FEIS (No. 09HPD019K) prepared as part of the Broadway Triangle Re-zoning project, indicates that the Site has been designated as “E” Hazardous Materials/Air/Noise. The Hazardous Materials designation indicates that there is a potential for soil and groundwater beneath the Site to be impacted related to historic industrial use of the property.

An E-designation does not interfere with the present use of the site; however E-designations do prevent the release of building permits subject to a detailed environmental review and release by the NYC Office of Environmental Remediation. Such release may require a full subsurface investigation, remedial and health and safety planning, implementation of a remedial program and documentation that the remedial program was completed during redevelopment of the property. Additional information regarding “E” sites can be found on the New York City Office of Environmental Remediation website:

http://www.nyc.gov/html/oer/html/e_designation/e_designation.shtml.

9.0 CONCLUSIONS AND RECOMMENDATIONS

EBC performed a Phase I Environmental Site Assessment in conformance with the scope and limitations as described under ASTM Practice E1527-05 for the commercial property identified by the street address 221 Middleton Street, and as Borough 3, Block 2238, Lot No. 41 in Brooklyn, New York. Any exceptions to, or deletions from, this practice are described in **Section 1.4** of this report. Based upon reconnaissance of the Site and surrounding properties, interviews and review of historical records and regulatory agency databases, this assessment has revealed the no recognized environmental conditions in connection with the Site; however, EBC identified several environmental concerns. The environmental concerns and EBC's recommendations are summarized as follows:

- The Site is identified as having a Hazmat "E" restriction. The Site has been assigned an E-designation (E-238) as part of the Broadway Triangle Re-zoning Area. A review of the FEIS (No. 09HPD019K) prepared as part of the Broadway Triangle Re-zoning project, indicates that the Site has been designated as "E" Hazardous Materials/Air/Noise. The Hazardous Materials designation indicates that there is a potential for soil and groundwater beneath the Site to be impacted related to historic industrial use of the property.

As such, EBC recommends performing a Phase II Subsurface Investigation at the Site to satisfy NYCOER requirements related to the E-Hazmat designation. The investigation should include the collection and laboratory analysis of subsurface soil, groundwater, and sub-slab soil gas samples.

It should be noted that nearly any development scenario for the site is subject to the E-designation Environmental Review Program administered by the NYCOER due to the hazardous materials "E" designation assigned to the Site. Typical NYCOER Phase II investigation/sampling requirements for hazmat "E" sites are as follows:

- Collection and laboratory analysis of for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, PCBs and pesticides.
- Collection and laboratory analysis of groundwater samples for VOCs, SVOCs, TAL metals (filtered and unfiltered), PCBs and pesticides.

- Collection and laboratory analysis of soil gas samples for laboratory analysis of VOCs via EPA Method TO-15.
- Fluorescent light ballasts were observed throughout the building spaces, which based on the age of the building, may contain PCBs. EBC recommends that PCB surveys be performed prior to demolition and/or renovation activities. Any PCB-containing equipment affected by the development of the site must be properly managed during demolition and/or renovation activities. In addition, while the disposal of non-leaking PCB ballasts is not currently regulated by the USEPA, EBC recommends that the PCB ballasts be packaged in a lined, steel drum containing an absorbent material and disposed of as PCB-waste to reduce the potential for environmental contamination and potential liability for cleanup of any environmental release of PCBs from the ballasts.
- Interior paint within the building was in good to fair condition with no evidence of chipping and/or peeling, except for several small water damaged areas in the basement. The building exterior was finished with unpainted brick or steel panels. The lead contents of the paints are unknown; however, based upon the age of the building, the presence of lead-based paints (LBP) is possible. Therefore, EBC recommends that a lead paint survey be conducted prior to any renovation/demolition activities. The disposal of lead paint waste resulting from renovation or demolition activities may be subject to federal and NYS regulations.
- Suspect asbestos-containing floor tiles were observed throughout the first and mezzanine office areas of the building. The suspect ACM was in good to fair condition at the time of the site inspection. In addition, due to the age of the Site's building, it is possible that roofing, roof flashing and other (inaccessible) building materials may contain asbestos.

If activities in the building (i.e., renovation or demolition) will disturb any suspect asbestos material, then EBC recommends that an asbestos survey be performed to determine if ACM are present prior to the proposed work. If ACM are present, then a New York City-licensed contractor must be retained to remove the asbestos in accordance with federal, NYS and NYC regulations.

10.0 DEVIATIONS

This Phase I ESA was conducted in accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1527-05 (Standard Practices for Environmental Site Assessment: Phase I Environmental Site Assessment Process) and 40 CFR Part 312 (Standards and Practices for All Appropriate Inquiry; Final Rule). Excluding additional services outlined in Section 11.0, there were no deviations or deletions from this practice.

11.0 ADDITIONAL SERVICES

EBC has included, in addition to those items outlined by ASTM E 1527-05, a general evaluation of the following is a list of non-scope considerations, which may be addressed, in a limited capacity within this Phase I Environmental Site Assessment:

- Radon;
- Lead-based Paint;
- Asbestos-containing Materials; and
- Wetlands.

12.0 REFERENCES

Standard practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Standard E 1527-05

All Appropriate Inquiry, Final Rule, 40 CFR Part 312

Environmental Data Resources, Inc. regulatory database report (No. 3410586.2s), September 14, 2012.

EDR Sanborn, Inc., Sanborn Map Report (No. 3410586.3), September 2012.

Environmental Data Resources, Inc. City Directory Search (No. 3428553.1), October 2012.

New York City Tax Assessor, records review - October 2012.

New York City Department of Health, Freedom of Information request forwarded October 2012.

New York City Fire Department, Freedom of Information request forwarded October 2012.

New York City Department of Environmental Protection, Freedom of Information request forwarded October 2012.

New York City Fire Department, Freedom of Information request forwarded October 2012.

New York City Building Department, records on-line review October 2012.

U.S.G.S. Topographic Map, Brooklyn, NY Quadrangle.

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

New York State Department of Environmental Conservation. Tidal Wetlands Maps, Kings County, New York.

Federal Emergency Management Agency (FEMA) Flood Zone Map Panel No. 3604970204F.

13.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312. I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the Site. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Prepared By:

Reviewed By:



Dominick Mosca
Environmental Scientist



Kevin R. Brussee
Project Manager

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL



ENVIRONMENTAL BUSINESS CONSULTANTS

Kevin R. Brussee, Project Manager

Professional Experience

EBC: January 2008

Prior: 6 years

Education

MS, Environmental Studies, University of Massachusetts, Lowell

BS, Environmental Science, Plattsburgh State University, NY

Areas of Expertise

- Site Investigations
- Gasoline/Fuel Oil Tank Removals
- NYSDEC Spill Closure
- NYC "E" Designations

Professional Certification

- OSHA 40-hr HAZMAT

PROFILE

Mr. Brussee has 8 years experience as an environmental consultant/contractor and has worked on and managed a wide range of environmental projects. Mr. Brussee has conducted Phase I, II and III Environmental Site Assessments for commercial, industrial, and residential properties in New York, Maryland and Delaware.

Mr. Brussee's field experience includes tank removal and installations, spill management and closure, soil and groundwater sampling, and both the oversight and operation of soil boring and well installation equipment. In addition, Mr. Brussee has performed project research, data reduction and evaluation, and has prepared reports for both regulatory and client use.

PREVIOUS EXPERIENCE

Eastern Environmental Solutions, Inc., Manorville, NY

Project Manager, 2006-2008

EA Engineering, Science & Technology

Hydrogeologist, 2005-2006

P.W. Grosser Consulting, Bohemia, NY

Field Hydrogeologist, 2002-2003

PUBLICATIONS

Chemical Stress Induced by Copper, Examination of a Biofilm System;
(Water Science Technology, 2006; 54(9): 191-199.)

FIGURES

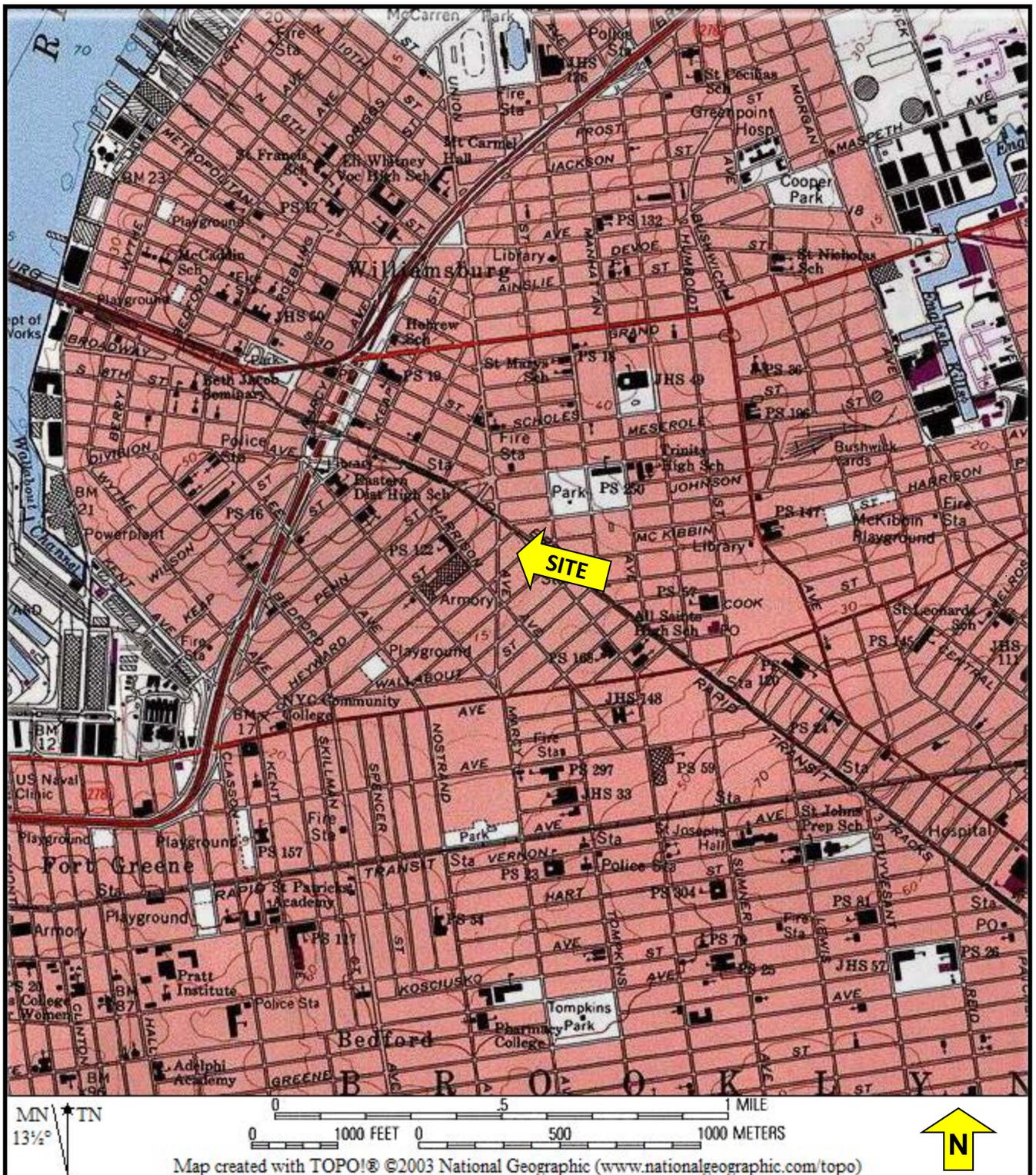


FIGURE 1 – SITE LOCATION MAP



Phone 631.504.6000
Fax 631.924.2870

Environmental Business Consultants

SITE NAME: Commercial Property
STREET ADDRESS: 221-223 Middleton Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206
PROJECT NUMBER: TAG1208

Source: National Geographic TOPO! - 2003

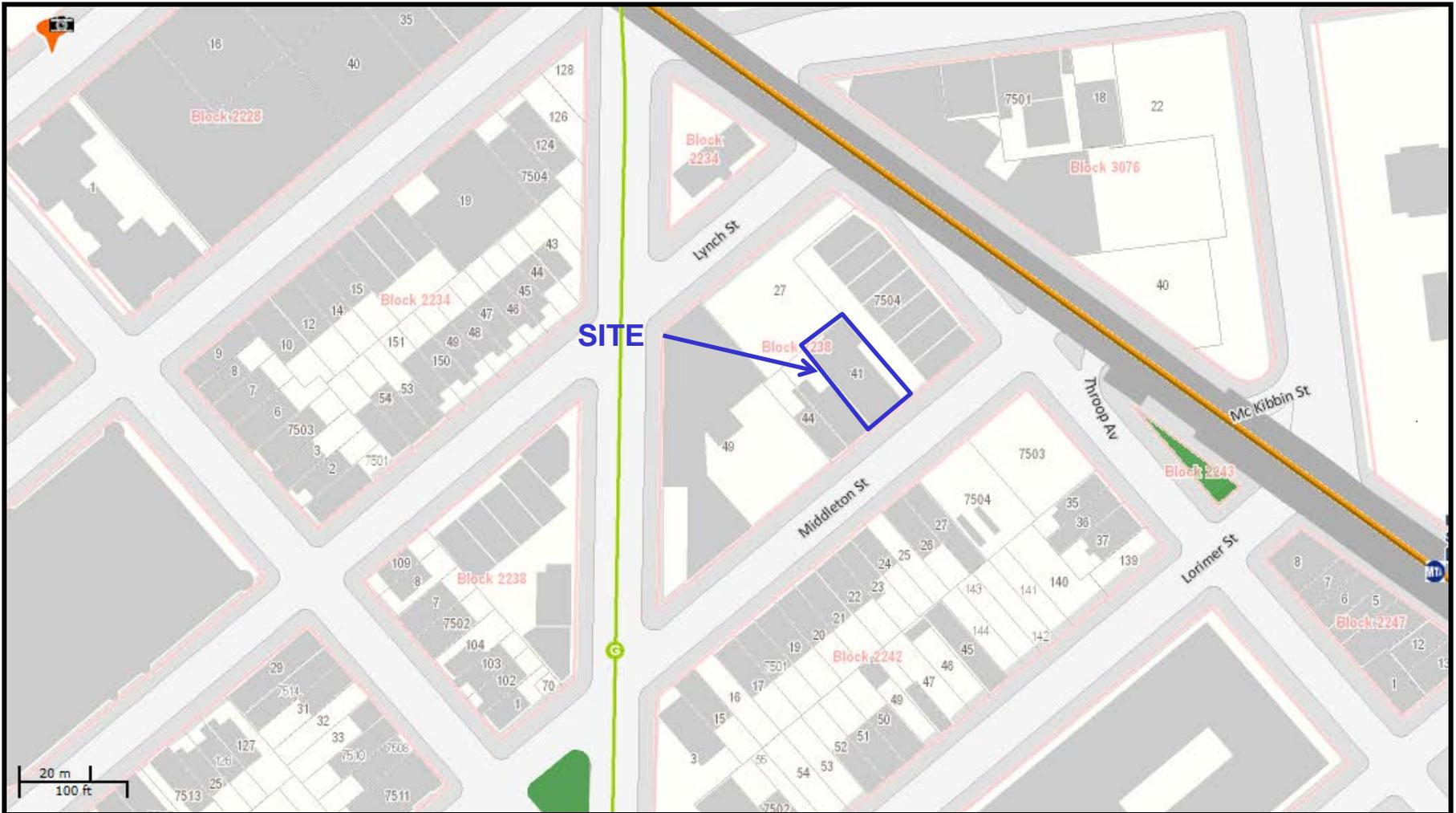


FIGURE 2 – LOT DIAGRAM



SITE NAME: Commercial Property
STREET ADDRESS: 221-223 Middleton Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206
PROJECT NUMBER: TAG1208

Source: NYC Oasis Map



Phone 631.504.6000
Fax 631.924.2870

Environmental Business Consultants

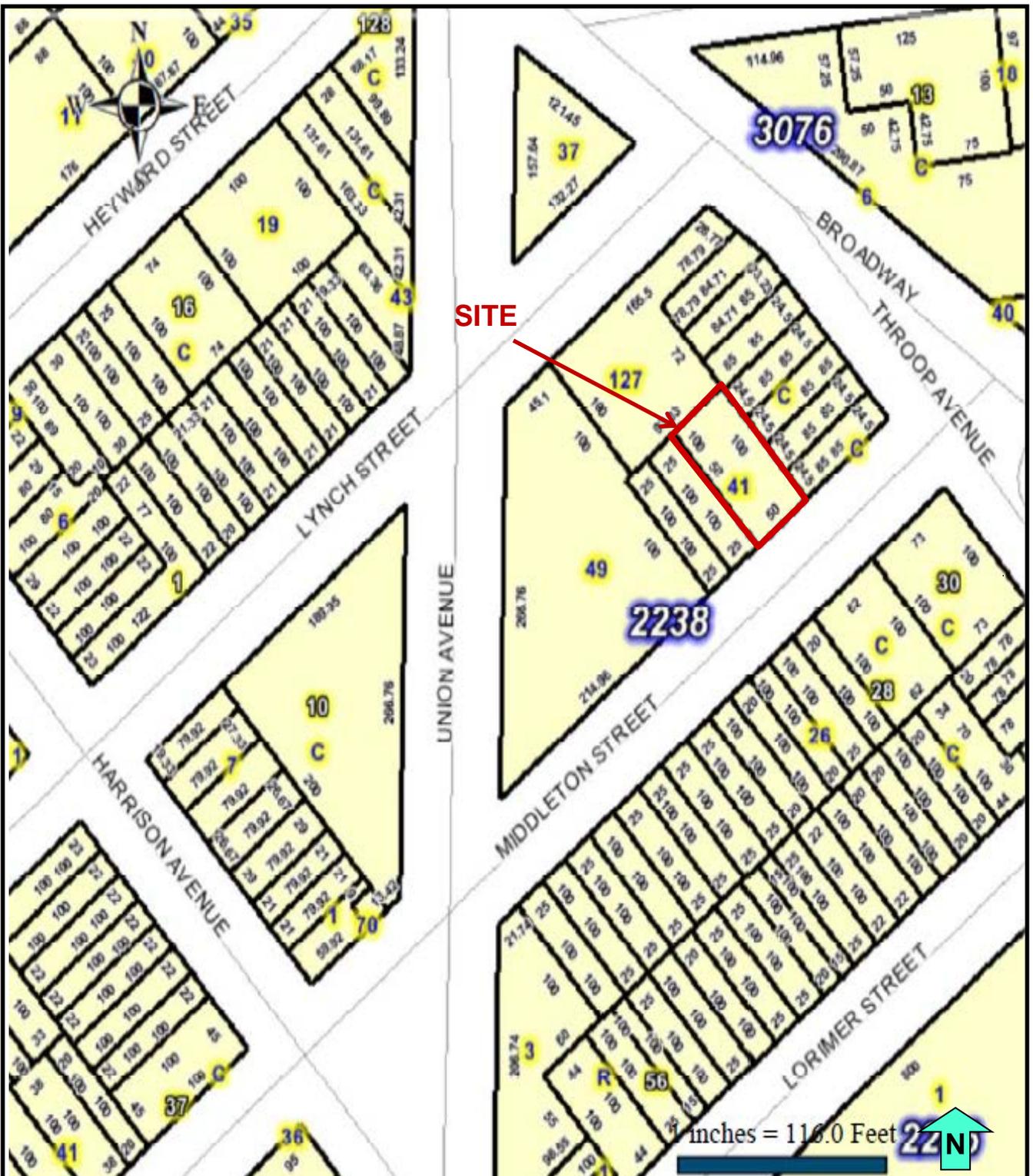


FIGURE 3 – TAX MAP



Phone 631.504.6000
 Fax 631.924.2870

Environmental Business Consultants

SITE NAME: Commercial Property
STREET ADDRESS: 221-223 Middleton Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206
PROJECT NUMBER: TAG1208

Source: New York City Department of Finance



FIGURE 4 – SITE AERIAL



SITE NAME: Commercial Property
STREET ADDRESS: 221-223 Middleton Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206
PROJECT NUMBER: TAG1208

Source: Google Earth - March 2012



Phone 631.504.6000
Fax 631.924.2870

Environmental Business Consultants

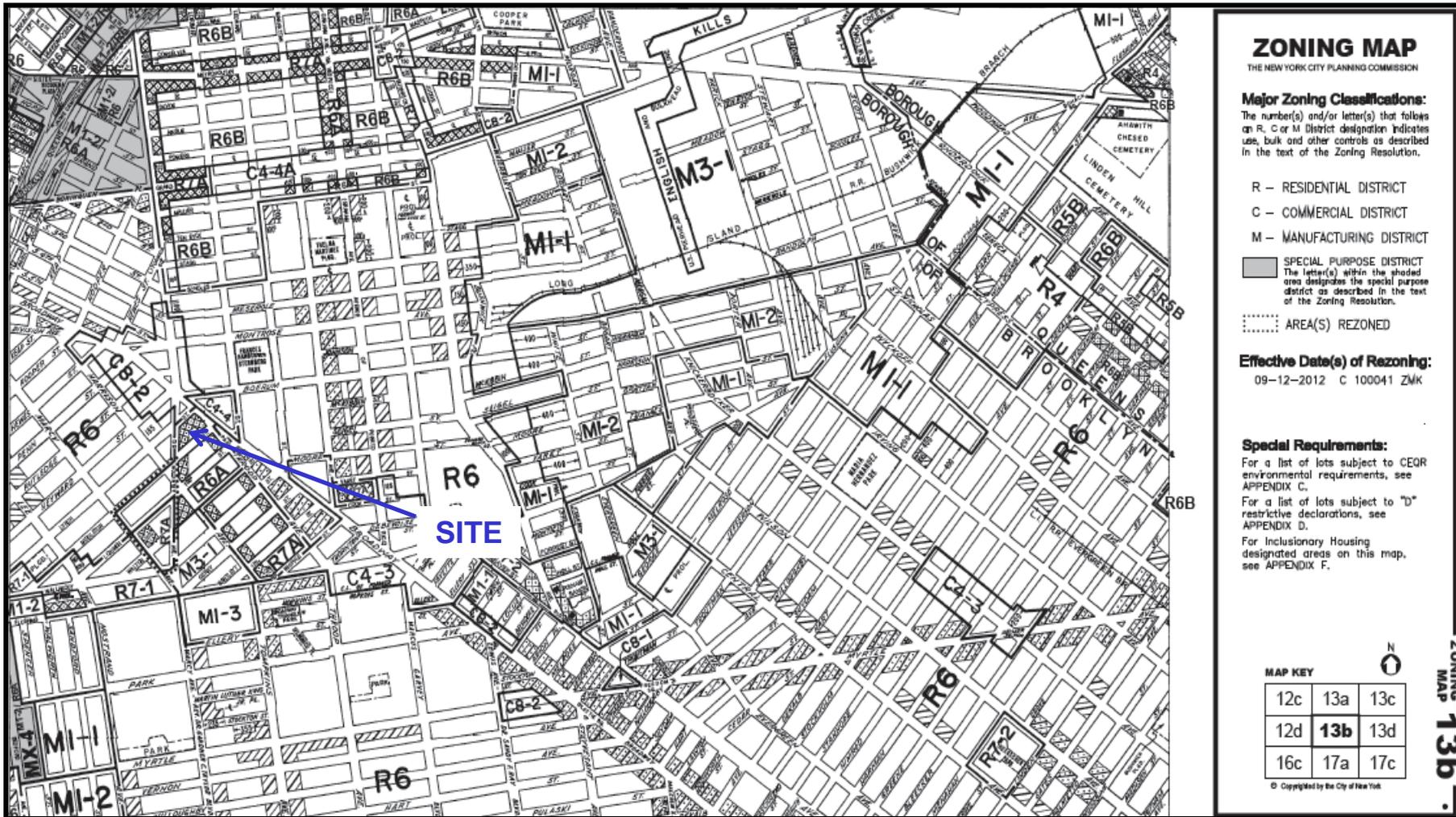
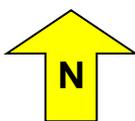


FIGURE 5A – ZONING MAP



SITE NAME: Commercial Property
STREET ADDRESS: 221-223 Middleton Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206
PROJECT NUMBER: TAG1208

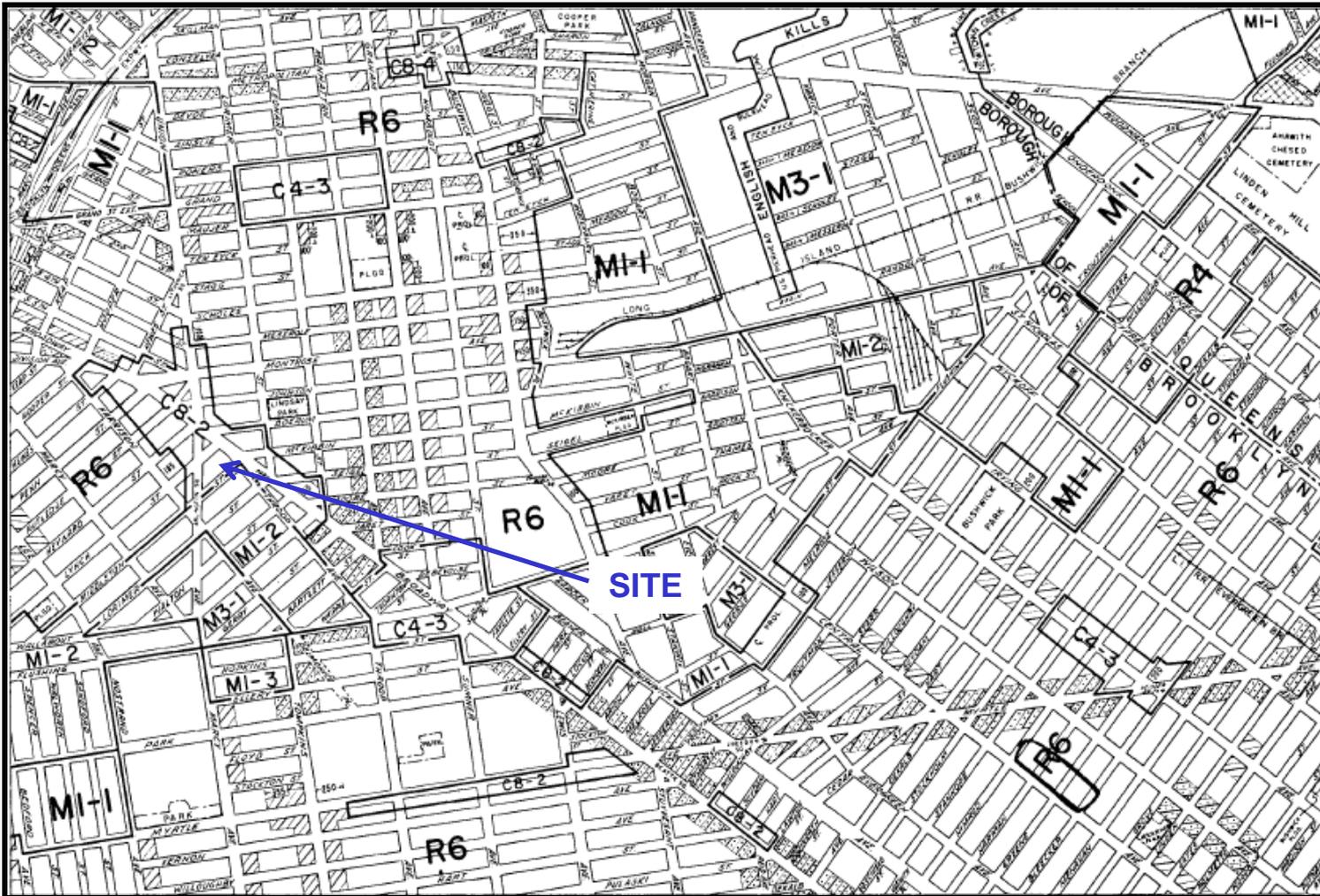
Source: New York City Department of City Planning - 1961



Phone 631.504.6000
Fax 631.924.2870

Environmental Business Consultants

ZONING MAP 13b



13b

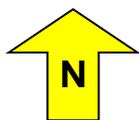
ZONING MAP
CITY PLANNING COMMISSION
THE CITY OF NEW YORK



12c	13a	13c
12d	13b	13d
16c	17a	17c

EFFECTIVE: DECEMBER 15, 1961

FIGURE 5B – HISTORIC ZONING MAP



SITE NAME: Commercial Property
STREET ADDRESS: 221-223 Middleton Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206
PROJECT NUMBER: TAG1208

Source: New York City Department of City Planning - 1961



Environmental Business Consultants

Phone 631.504.6000
Fax 631.924.2870

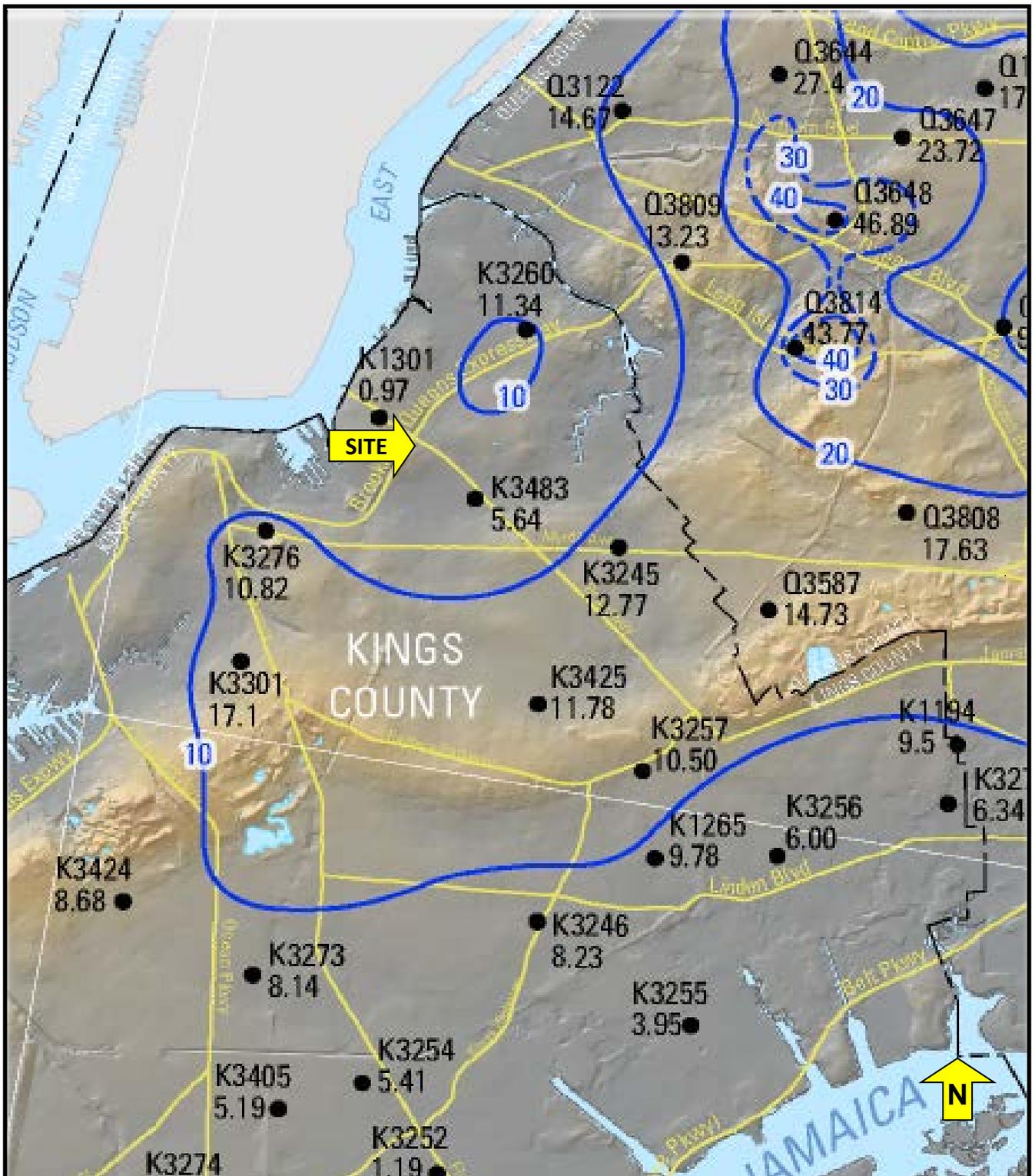


FIGURE 6 – WATER TABLE MAP



Phone 631.504.6000
Fax 631.924.2870

Environmental Business Consultants

SITE NAME: Commercial Property
STREET ADDRESS: 221-223 Middleton Street
MUNICIPALITY, STATE, ZIP: Brooklyn, NY 11206
PROJECT NUMBER: TAG1208

Source: USGS - 2009

APPENDIX A

SITE PHOTOGRAPHS



View of the Site looking north across Middleton Street.



View of the driveway area located east of the building, looking north.



View of the Site, looking southwest from the eastern adjacent apartment building.



Interior view of the first floor office areas.



Interior view of mezzanine storage area.



Interior view of the mezzanine level office areas.



Interior view of the loading dock area.



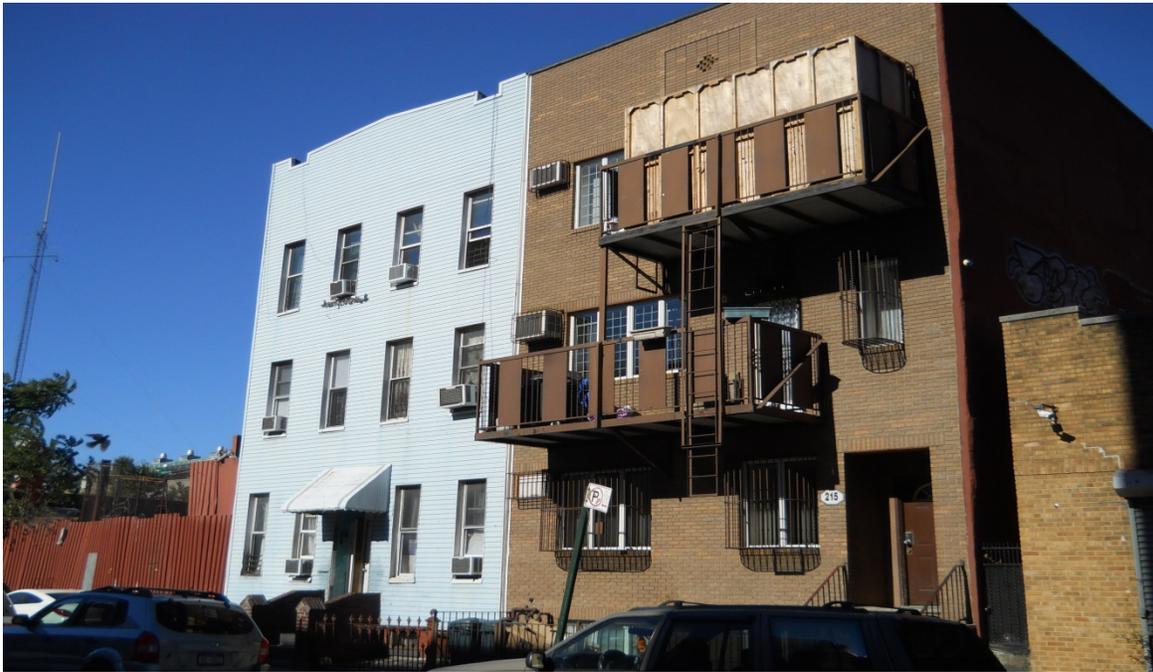
Interior view of the print shop.



View of that paper storage room at the northern end of the building.



Interior view of the building basement.



View of the western adjacent properties, looking northwest.



**View of the southern adjacent properties, looking south-southwest across
Middleton Street.**



View of the natural gas service connection on the southern exterior of the building.



View printing ink storage within the print shop.



View of five-gallon containers of printing chemicals/cleaning solvents within the print shop.



View of a fluorescent light fixture located in the print shop.



View of suspect asbestos-containing floor tile in the print shop area.



View of water damage and peeling paint in the building basement.

APPENDIX B

LOCAL AGENCY INFORMATION

FINAL ASSESSMENT ROLL 2012-2013 | City of New York

Taxable Status Date: January 5, 2012

[View May 25, 2012 - Market Value History](#)

[View 2011 FINAL ASSESSMENT ROLL](#)

[View May 25, 2011 - Market Value History](#)

[View January 15, 2011 - Market Value History](#)

[View 2011 TENTATIVE ASSESSMENT ROLL](#)

[View 2010 FINAL ASSESSMENT ROLL](#)

[View May 25, 2010 - Market Value History](#)

[View 2010 TENTATIVE ASSESSMENT ROLL](#)

[View 2009 FINAL ASSESSMENT ROLL](#)

[View 2008 FINAL ASSESSMENT ROLL](#)

[View 2007 FINAL ASSESSMENT ROLL](#)

[View 2006 FINAL ASSESSMENT ROLL](#)

[EXPLANATION OF ASSESSMENT ROLL](#)

Parcel Information

[◀Previous BBL](#)

[Next BBL▶](#)

Owner Name:

M-DL REALTY, INC.

Property Address and Zip Code:

221 MIDDLETON STREET 11206

Real Estate Billing Name and Address:

M-DL REALTY, INC.

221 MIDDLETON ST

BROOKLYN NY 11206

Borough: BROOKLYN

Block: 2238

Lot: 41

Tax Class: 4

Building Class: F9 [Codes](#)

Land Information

Lot Size	Irregular	Corner
50.00FT X 100.00FT		

Building Information

Number of Buildings	Building Size	Extension	Stories
1	40.00FT X 100.00FT		1

Assessment Information

Description	Land	Total
ESTIMATED MARKET VALUE		282,000
ACTUAL AV	45,000	126,900
ACTUAL EX AV	0	0
TRANS AV	32,931	130,680
TRANS EX AV	0	0

Taxable/Billable Assessed Value

Assessed Value

SUBJECT TO ADJUSTMENTS, YOUR 2012/13 TAXES WILL BE BASED ON

126,900

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

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

[Statements List](#) | [Select a BBL](#) | [Logon to NYCProperty](#)

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**New York City Department of Finance
Office of the City Register**

HELP

[Click help for additional instructions]
Selecting a help option will open new window

Current Search Criteria:
Borough: BROOKLYN
Block: 2238
Lot: 41
Date Range:
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 38 << [previous](#) [next](#) >> Max Rows [Search Options] [New BBL Search] [Edit Current Search]
[View Tax Map] [Print Index]

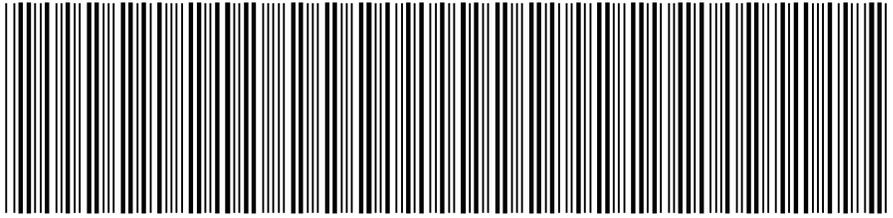
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DET IMG		2007000454524	41	ENTIRE LOT	9/4/2007 3:28:46 PM	ASSIGNMENT, MORTGAGE	6	WASHINGTON MUTUAL BANK	U.S. BANK NATIONAL ASSOCIATION				0
DET IMG		2006000636683	41	ENTIRE LOT	11/16/2006 11:22:04 AM	TERMINATION OF ASSIGN OF L&R	3	TUNG FONG REALTY CORP	HSBC BANK USA, NATIONAL ASSOCIATION				0
DET IMG		2006000636681	41	ENTIRE LOT	11/16/2006 11:21:56 AM	SATISFACTION OF MORTGAGE	4	TUNG FONG REALTY CORP	HSBC BANK USA, NATIONAL ASSOCIATION				0
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DET IMG		2006000606673	41	PARTIAL LOT	10/31/2006 10:54:22 AM	UCC3 TERMINATION	3	M-DL REALTY, INC.	UNITED ORIENT BANK				0
DET IMG		2005000374117	41	ENTIRE LOT	7/1/2005 12:37:00 PM	TERMINATION OF ASSIGN OF L&R	3	UNITED ORIENT BANK	221 MIDDLETON STREET REALTY, INC.				0
DET IMG		2005000374116	41	ENTIRE LOT	7/1/2005 12:36:59 PM	ASSIGNMENT OF LEASES AND RENTS AND RENTS	7	UNITED ORIENT BANK	M-DL REALTY, INC.				400,000
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		2004000554316	41	ENTIRE	9/3/2004	ASSIGNMENT	7	UNITED	221				400,000

			LOT	3:08:57 PM	OF LEASES AND RENTS		ORIENT BANK	MIDDLETON STREET REALTY, INC.	
		2004000554315	41 ENTIRE LOT	9/3/2004 3:08:56 PM	MORTGAGE	13	221 MIDDLETON STREET REALTY, INC.	UNITED ORIENT BANK	400,000
									
		2004000554314	41 ENTIRE LOT	9/3/2004 3:08:55 PM	DEED, OTHER	3	TUNG FONG REALTY CORP	221 MIDDLETON STREET REALTY, INC.	650,000
									
		2004000530455	41 ENTIRE LOT	8/25/2004 6:59:32 PM	INITIAL UCC1	4	221 MIDDLETON STREET REALTY, INC.	UNITED ORIENT BANK	0
									
		02PK07112	41 ENTIRE LOT	8/27/2002	UCC3 CONTINUATION	1	TUNG FONG REALTY CORP	HANG SENG BANK, U.S.A. DIV OF MARINE MIDLAND BANK	0
									
		4159/1921	41 ENTIRE LOT	4/2/1998	SATISFACTION OF MORTGAGE	3	221 MIDDLETON INC	GELFAND, LEONORA	0
									
		4159/1919	41 ENTIRE LOT	4/2/1998	SATISFACTION OF MORTGAGE	2	TUNG FONG REALTY CORP	221 MIDDLETON INC	0
									
		4159/937	41 ENTIRE LOT	4/2/1998	ASSIGNMENT, MORTGAGE	10	TUNG FONG REALTY CORP	HANG SENG BANK USA	0
									
		4159/924	41 ENTIRE LOT	4/2/1998	MORTGAGE	15	TUNG FONG REALTY CORP	HANG SENG BANK USA	170,000
									
		98PK02534	41 ENTIRE LOT	2/23/1998	INITIAL UCC1	2	TUNG FONG REALTY CORP	HANG SENG BANK, U.S.A. DIV OF MARINE MIDLAND BANK	0
									
		2059/1183	41 ENTIRE LOT	7/16/1987	ASSIGNMENT, MORTGAGE	2	221 MIDDLETON, INC	GELFAND, ROBIN	0
									
		2025/174	41 ENTIRE LOT	5/19/1987	AGREEMENT	13	GELFAND, LEONORA	221 MIDDLETON INC	0
									
		2002/1396	41 ENTIRE LOT	4/6/1987	MORTGAGE	7	TUNG FONG REALTY CORP	221 MIDDLETON INC	100,000
									
		2002/1392	41 ENTIRE LOT	4/6/1987	MORTGAGE	4	221 MIDDLETON INC	GELFAND, LEONORA	104,319
									
		2002/1390	41 ENTIRE LOT	4/6/1987	DEED	2	221 MIDDLETON INC	TUNG FONG RLTY CORP	0
									
		1696/1248	41 ENTIRE LOT	9/19/1985	MORTGAGE	6	221 MIDDLETON INC	GELFAND, LEONORA	100,000
									
		1333/1554	41 ENTIRE LOT	8/17/1982	SATISFACTION OF MORTGAGE	2	221 MIDDLETON, INC	GELFAND, LENORE	0
									
		1280/134	41 ENTIRE LOT	11/24/1981	MORTGAGE	4	221 MIDDLETON INC	GELFAND LEONORA	0
									
		1147/85	41 ENTIRE LOT	3/13/1980	MORTGAGE	4	221 MIDDLETON INC	GELFAND LEONORE	0
									
		993/927	41 ENTIRE LOT	5/12/1978	MORTGAGE	4	221 MIDDLETON INC	GELFAND ROBIN	0
									
		828/7	41 ENTIRE LOT	2/2/1976	MORTGAGE	4	221 MIDDLETON INC	GELFAND LEONORA	0
									
		828/5	41 ENTIRE LOT	2/2/1976	DEED	2	GELFAND LEONORA	221 MIDDLETON INC	0
									
		445/1099	41 ENTIRE LOT	11/6/1970	DEED	2	MILDENBERGER JOHN F	GELFAND LEONORA	0

Go To: [Finance Home Page](#) | [NYC.gov Home Page](#) | [Contact NYC.gov](#) | [FAQs](#) | [Privacy Statement](#) | [Site Map](#)

**NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER**

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



2005063000224001001E2A69

RECORDING AND ENDORSEMENT COVER PAGE

PAGE 1 OF 3

Document ID: 2005063000224001 Document Date: 06-23-2005 Preparation Date: 06-30-2005
Document Type: DEED
Document Page Count: 2

<p>PRESENTER: SUMMIT ASSOCIATES - PICK UP 100 LAFAYETTE STREET 3RD FLOOR NEW YORK, NY 10013 212-608-5866 K427101</p>	<p>RETURN TO: CHENMAO KAO, ESQ. 39-07 PRINCE STREET, #6G FLUSHING, NY 11354</p>
---	--

PROPERTY DATA

Borough	Block	Lot	Unit	Address
BROOKLYN	2238	41	Entire Lot	221 MIDDLETON STREET
Property Type: COMMERCIAL REAL ESTATE				

CROSS REFERENCE DATA

CRFN _____ or Document ID _____ or _____ Year _____ Reel _____ Page _____ or File Number _____

PARTIES

<p>GRANTOR/SELLER: 221 MIDDLETON STREET REALTY, INC. 221 MIDDLETON STREET BROOKLYN, NY 11206</p>	<p>GRANTEE/BUYER: M-DL REALTY, INC. 56-44 185TH STREET FRESH MEADOW, NY 11365</p>
---	--

FEES AND TAXES

Mortgage			Recording Fee: \$	47.00
Mortgage Amount:	\$	0.00	Affidavit Fee: \$	0.00
Taxable Mortgage Amount:	\$	0.00	NYC Real Property Transfer Tax Filing Fee:	
Exemption:			\$	165.00
TAXES: County (Basic):	\$	0.00	NYS Real Estate Transfer Tax:	
City (Additional):	\$	0.00	\$	2,600.00
Spec (Additional):	\$	0.00		
TASF:	\$	0.00		
MTA:	\$	0.00		
NYCTA:	\$	0.00		
Additional MRT:	\$	0.00		
TOTAL:	\$	0.00		

NYC HPD Affidavit in Lieu of Registration Statement



**RECORDED OR FILED IN THE OFFICE
OF THE CITY REGISTER OF THE
CITY OF NEW YORK**

Recorded/Filed 07-01-2005 12:36
City Register File No.(CRFN):
2005000374113

Annette McMill

City Register Official Signature

THIS INDENTURE, made the 23rd day of June in the year 2005

BETWEEN 221 MIDDLETON STREET REALTY, INC.
221 Middleton Street, Brooklyn, New York

party of the first part, and

M-DL REALTY, INC.
56-44 185 STREET, Fresh Meadow, NY

party of the second part,

WITNESSETH, that the party of the first part, in consideration of -----TEN and no/100-----(\$10.00)---dollars and other good and valuable consideration paid by the party of the second part, does hereby grant and release unto the party of the second part, the heirs or successors and assigns of the party of the second part forever,

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at a point on the northerly side of Middleton Street, distant 85 feet westerly from the corner formed by the intersection of the northerly side of Middleton Street, with the westerly side of Throop Avenue;

RUNNING THENCE northerly parallel with Throop Avenue, 100 feet;

THENCE westerly parallel with Middleton Street, 50 feet;

THENCE southerly again parallel with Throop Avenue, 100 feet to the northerly side of Middleton Street;

AND THENCE easterly along the northerly side of Middleton Street 50 feet to the point or place of BEGINNING.

BEING THE SAME PREMISES conveyed to the Grantor in deeds dated 8/11/2004, recorded 9/3/2004, Document ID #2004-81701177001..

SAID PREMISES being known as 221 Middleton Street, Brooklyn, New York

TOGETHER with all right, title and interest, if any, of the party of the first part in and to any streets and roads abutting the above described premises to the center lines thereof; TOGETHER with the appurtenances and all the estate and rights of the party of the first part in and to said premises; TO HAVE AND TO HOLD the premises herein granted unto the party of the second part, the heirs or successors and assigns of the party of the second part forever.

AND the party of the first part covenants that the party of the first part has not done or suffered anything whereby the said premises have been encumbered in any way whatever, except as aforesaid.

AND the party of the first part, in compliance with Section 13 of the Lien Law, covenants that the party of the first part will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust fund to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose. The word "party" shall be construed as if it read "parties" when ever the sense of this indenture so requires.

IN WITNESS WHEREOF, the party of the first part has duly executed this deed the day and year first above written.

IN PRESENCE OF:

[Signature]

211 Middleton Street Realty, Inc.

by: [Signature]
Mee Moon Kay, President

TO BE USED ONLY WHEN THE ACKNOWLEDGMENT IS MADE IN NEW YORK STATE

State of New York, County of NY ss: State of New York, County of _____ ss:

On the 23rd day of June in the year 2005 before me, the undersigned, personally appeared Mee Moon Tay

On the _____ day of _____ in the year _____ before me, the undersigned, personally appeared _____

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

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

(signature and office of individual taking acknowledgment)

(signature and office of individual taking acknowledgment)

EDWARD G. MILLER
Notary Public, State Of New York
No. 31-02MI2702010
Qualified In New York County
Commission Expires July 31, 2005

TO BE USED ONLY WHEN THE ACKNOWLEDGMENT IS MADE OUTSIDE NEW YORK STATE

State (or District of Columbia, Territory, or Foreign Country) of _____ ss:

On the _____ day of _____ in the year _____ before me, the undersigned, personally appeared _____

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

_____ in _____
(insert the City or other political subdivision) (and insert the State or Country or other place the acknowledgment was taken)

(signature and office of individual taking acknowledgment)

**BARGAIN AND SALE DEED
WITH COVENANT AGAINST GRANTOR'S ACTS**

Title No. K 427101
221 Middleton Street Realty Inc.

SECTION
BLOCK 2238
LOT 41
COUNTY OR TOWN Kings
STREET ADDRESS 221 Middleton Street

TO
M-DL Realty, Inc.

Recorded at Request of
COMMONWEALTH LAND TITLE INSURANCE COMPANY

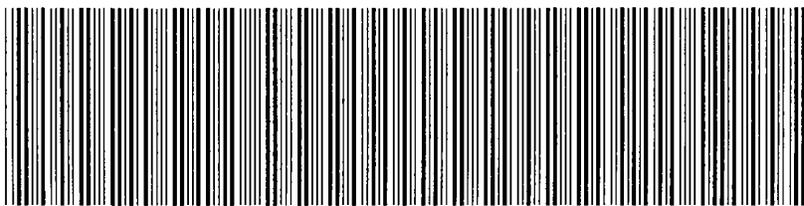
RETURN BY MAIL TO:



CHENMAO KAO, ESQ..
39-07 Prince Street, #6G
Flushing, New York 11354

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

**NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER**



2005063000224001001SE4E8

SUPPORTING DOCUMENT COVER PAGE

PAGE 1 OF 1

Document ID: 2005063000224001

Document Date: 06-23-2005

Preparation Date: 06-30-2005

Document Type: DEED

ASSOCIATED TAX FORM ID: 2005061700477

SUPPORTING DOCUMENTS SUBMITTED:

RP - 5217 REAL PROPERTY TRANSFER REPORT

Page Count

2

FOR CITY USE ONLY

C1. County Code _____ C2. Date Deed Recorded _____
 Month Day Year

C3. Book OR _____ C4. Page _____

C5. CRFN _____



REAL PROPERTY TRANSFER REPORT
 STATE OF NEW YORK
 STATE BOARD OF REAL PROPERTY SERVICES
RP - 5217NYC
 (Rev 11/2002)

PROPERTY INFORMATION

1. Property Location: 221 MIDDLETON STREET BROOKLYN 11206
 STREET NUMBER STREET NAME BOROUGH ZIP CODE

2. Buyer Name: M-DL REALTY, INC.
 LAST NAME / COMPANY FIRST NAME

3. Tax Billing Address: _____
 LAST NAME / COMPANY FIRST NAME
 STREET NUMBER AND STREET NAME CITY OR TOWN STATE ZIP CODE

4. Indicate the number of Assessment Roll parcels transferred on the deed: 1 # of Parcels OR Part of a Parcel

5. Deed Property Size: _____ X _____ OR _____ ACRES
 FRONT FEET DEPTH

6. Seller Name: 221 MIDDLETON STREET REALTY, INC.
 LAST NAME / COMPANY FIRST NAME

9. Check the box below which most accurately describes the use of the property at the time of sale:
 A One Family Residential C Residential Vacant Land E Commercial G Entertainment / Amusement I Industrial
 B 2 or 3 Family Residential D Non-Residential Vacant Land F Apartment H Community Service J Public Service

SALE INFORMATION

10. Sale Contract Date: 4 / 14 / 2005
 Month Day Year

11. Date of Sale / Transfer: 6 / 23 / 2005
 Month Day Year

12. Full Sale Price \$: 6,500,000
 (Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) Please round to the nearest whole dollar amount.

13. Indicate the value of personal property included in the sale: _____

14. Check one or more of these conditions as applicable to transfer:
 A Sale Between Relatives or Former Relatives
 B Sale Between Related Companies or Partners in Business
 C One of the Buyers is also a Seller
 D Buyer or Seller is Government Agency or Lending Institution
 E Deed Type not Warranty or Bargain and Sale (Specify Below)
 F Sale of Fractional or Less than Fee Interest (Specify Below)
 G Significant Change in Property Between Taxable Status and Sale Dates
 H Sale of Business is Included in Sale Price
 I Other Unusual Factors Affecting Sale Price (Specify Below)
 J None

ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

15. Building Class: E, 9 16. Total Assessed Value (of all parcels in transfer): _____

17. Borough, Block and Lot / Roll Identifier(s) (If more than three, attach sheet with additional Identifier(s))
 BROOKLYN 2238 41

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and I understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER

BUYER SIGNATURE: _____ DATE: _____

STREET NUMBER: _____ STREET NAME (AFTER SALE): _____

CITY OR TOWN: _____ STATE: _____ ZIP CODE: _____

BUYER'S ATTORNEY

LAST NAME: _____ FIRST NAME: _____

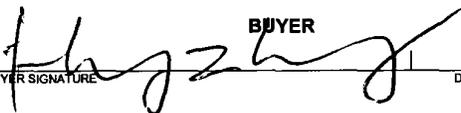
718 460-8999
 AREA CODE TELEPHONE NUMBER

SELLER

SELLER SIGNATURE: _____ DATE: _____

CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and understand that the making of any willful false statement of material fact herein will subject me to the provisions of the penal law relative to the making and filing of false instruments.

BUYER			BUYER'S ATTORNEY		
BUYER SIGNATURE	DATE		LAST NAME	FIRST NAME	
			718	460-8999	
STREET NUMBER	STREET NAME (AFTER SALE)		AREA CODE	TELEPHONE NUMBER	
				SELLER	
CITY OR TOWN	STATE	ZIP CODE	SELLER SIGNATURE	DATE	
					



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NYC Department of Buildings

Property Profile Overview

ALSO SEE OTHER BIN(S) BELOW

221 MIDDLETON STREET

BROOKLYN 11206

BIN# 3061261

MIDDLETON STREET 221 - 221

Health Area : 1500
 Census Tract : 509
 Community Board : 301
 Buildings on Lot : 1

Tax Block : 2238
 Tax Lot : 41
 Condo : NO
 Vacant : NO

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

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): UNION AVENUE, THROOP 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

Little 'E' Restricted: HAZMAT/NOISE/AIR Grandfathered Sign: NO

Legal Adult Use: NO City Owned: NO

Additional BINs for Building: [3821585](#)

Special District: UNKNOWN

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

Department of Finance Building Classification: F9-FACTORY/INDSTRAL

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

	Total	Open	Elevator Records
Complaints	4	1	Electrical Applications
Violations-DOB	7	0	Permits In-Process / Issued
Violations-ECB (DOB)	1	0	Illuminated Signs Annual Permits
Jobs/Filings	3		Plumbing Inspections
ARA / LAA Jobs	0		Open Plumbing Jobs / Work Types
Total Jobs	3		Facades
Actions	9		Marquee Annual Permits
			Boiler Records
			DEP Boiler Information
			Crane Information
			After Hours Variance Permits

OR Enter Action Type:

OR Select from List:

Select...

AND

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



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NYC Department of Buildings

Actions

Page: 1

Premises: 221 MIDDLETON STREET BROOKLYN

BIN: [3061261](#) Block: 2238 Lot: 41

NUMBER	TYPE	FILE DATE
ALT 1740-221-23/70	ALTERATION	06/01/1970
C/A 2622/61		05/04/1961
CERT ISSUED#115714NB#1210/45	(PDF) CERTIFICATE OF OCCUPANCY	11/08/1946
DI 1240DENIEDINACTIVE/40		07/08/1940
FO 7092/46	OIL BURNER APPLICATION	07/25/1946
FO 54-221/61	OIL BURNER APPLICATION	01/10/1961
NB 1210/45	NEW BUILDING	11/27/1945
P&D 4892/45	PLUMBING & DRAINAGE	11/27/1945
UB* 952-221/70		08/12/1970
V* 706/46	DOB VIOLATION - DISMISSED	02/21/1946

Next

Enter Action Type: Or Select from List: Refresh

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



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NYC Department of Buildings
Actions

Page: 2

Premises: 221 MIDDLETON STREET BROOKLYN

BIN: [3061261](#) Block: 2238 Lot: 41

NUMBER	TYPE	FILE DATE
V* 3083-223/65	DOB VIOLATION - DISMISSED	08/04/1965
V* 3084-223/65	DOB VIOLATION - DISMISSED	08/04/1965
V* 031903LL629117339	DOB VIOLATION - DISMISSED	03/19/2003
V* 013105LL629119330	DOB VIOLATION - DISMISSED	01/31/2005
V* 010606LL629118124	DOB VIOLATION - DISMISSED	01/06/2006
V* 011907LL629118511	DOB VIOLATION - DISMISSED	01/19/2007
VEC* 100606C01VP04	ECB VIOLATION DISMISSED	10/06/2006

Previous

Enter Action Type: Or Select from List:

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



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NYC Department of Buildings

Complaints By Address

Click [here](#) for information on how to remove a Stop Work Order from your property

Page: 1 of 1

4 Total Complaints

[View SWO Complaints](#) BIN: **3061261**

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

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
3415574	221 MIDDLETON STREET	06/18/2012	1D			ACT
3415570	221 MIDDLETON STREET	06/18/2012	1D	06/25/2012	I2	RES
3290394	221 MIDDLETON STREET	12/23/2008	30	12/23/2008	I2	RES
3202840	221 MIDDLETON STREET	09/14/2006	83	10/06/2006	A9	RES

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



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NYC Department of Buildings
DOB Violations

Page: 1

Premises: 221 MIDDLETON STREET BROOKLYN

BIN: [3061261](#) Block: 2238 Lot: 41

NUMBER	TYPE	FILE DATE
V* 706/46	DOB VIOLATION - DISMISSED	02/21/1946
V* 3083-223/65	DOB VIOLATION - DISMISSED	08/04/1965
V* 3084-223/65	DOB VIOLATION - DISMISSED	08/04/1965
V* 031903LL629117339	DOB VIOLATION - DISMISSED	03/19/2003
V* 013105LL629119330	DOB VIOLATION - DISMISSED	01/31/2005
V* 010606LL629118124	DOB VIOLATION - DISMISSED	01/06/2006
V* 011907LL629118511	DOB VIOLATION - DISMISSED	01/19/2007

Select Violation Type:

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



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NYC Department of Buildings
ECB Query By Location

Page: 1 of 1

Premises: 221 MIDDLETON STREET BROOKLYN

BIN: [3061261](#) Block: 2238 Lot: 41 CB: 301

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

ECB Hearings	
Completed / Defaulted = 1	Pending = 0

ECB Number	Dept. of Buildings Violation Status	Respondent	ECB Hearing Status	Viol Date	Infraction Codes	ECB Penalty Due
34535898H	RESOLVED - CURE ACCEPTED Severity: NON-HAZARDOUS	MDL REALTY, INC.	CURED/IN-VIO	10/06/2006	B25	\$0.00
Inspect Unit: BROOKLYN CONSTRUCTION			Viol Type: CONSTRUCTION			

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

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

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

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

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



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NYC Department of Buildings
Job Overview

Page: 1 of 1

Premises: 221 MIDDLETON STREET BROOKLYN

BIN: [3061261](#) Block: 2238 Lot: 41

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

FILE DATE	JOB #	DOC #	JOB TYPE	JOB STATUS	STATUS DATE	LIC #	APPLICANT	IN AUDIT	ZONING APPROVAL
08/26/2005	302000199	01	A3	X SIGNED OFF	11/14/2005	0026687 RA	Li		NOT APPLICABLE
MANUFACTURING BUILDING. NEW PARTITION FOR OFFICE AS PER PLAN FILED. NO C Work on Floor(s): 001									
05/23/2012	320482027	01	NB	J P/E DISAPPROVED	06/12/2012	0026687 RA	LI		PENDING
NEW 6 DWELLINGS UNITS BUILDING. Work on Floor(s): CEL,001,002,ROF 003 thru 006									
07/25/2012	320482027	02	NB	D A/P ENTIRE	07/25/2012	0026687 RA	LI		PENDING
FILE MH WORK TYPE IN CONJUNCTION WITH NB JOB #320482027 Work on Floor(s): ROF									

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NYC Department of Buildings
Property Profile Overview

219 MIDDLETON STREET

MIDDLETON STREET 219 - 223

BROOKLYN 11206

Health Area : 1500
 Census Tract : 509
 Community Board : 301

BIN# 3821585

Tax Block : 2238
 Tax Lot : 41

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

[View Zoning Documents](#)

[View Challenge Results](#)

[View Certificates of Occupancy](#)

Cross Street(s): UNION AVENUE, THROOP 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

Little 'E' Restricted: HAZMAT/NOISE/AIR

Grandfathered Sign: NO

Legal Adult Use: NO

City Owned: NO

Additional BINs for Building: [3061261](#)

Special District: UNKNOWN

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

Department of Finance Building Classification: F9-FACORY/INDSTRAL

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

	Total	Open
Complaints	0	0
Violations-DOB	3	0
Violations-ECB (DOB)	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Actions	13	

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

OR Enter Action Type:

OR Select from List:

Select...

AND

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



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NYC Department of Buildings
Actions

Page: 1

Premises: 219 MIDDLETON STREET BROOKLYN

BIN: [3821585](#) Block: 2238 Lot: 41

NUMBER	TYPE	FILE DATE
EM		00/00/0000
BEIB UEDFORONE(1)YEAR		00/00/0000
DATE OFDEM		00/00/0000
DEM 434(223-FR&REAR)-061840	DEMOLITION	00/00/0000
DEM 4-091940	DEMOLITION	00/00/1909
DEM 434-061840	DEMOLITION	00/00/1940
DEM 434-FR&R-061840	DEMOLITION	00/00/1940
DEM 4-032141	DEMOLITION	00/00/1941
PERM ITSTOBEISSUEDFOR1	PERMIT	00/00/0000
SRSR 4116-39KELLY		00/00/1939

Next

Enter Action Type: Or Select from List: Refresh

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



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NYC Department of Buildings

Actions

Page: 2

Premises: 219 MIDDLETON STREET BROOKLYN

BIN: 3821585 Block: 2238 Lot: 41

NUMBER	TYPE	FILE DATE
TOBT SSUEDFOR1YR-FROM		00/00/0000
UBUB 432-39(223REAR)KELLYVI		00/00/1939
UBUB 433-39(223FRONT)KELLYV		00/00/1939
V* 3083/233NEWELL-080465 CLOSURE DATE: 09/28/2011	DOB VIOLATION - CLOSED	00/00/0000
V* 3084/223NEWELL100-080465 CLOSURE DATE: 09/28/2011	DOB VIOLATION - CLOSED	00/00/0000
V* 4972STRITT-102940 CLOSURE DATE: 09/28/2011	DOB VIOLATION - CLOSED	00/00/0000

Previous

Enter Action Type: Or Select from List:

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



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

NYC Department of Buildings
DOB Violations

Page: 1

Premises: 219 MIDDLETON STREET BROOKLYN

BIN: [3821585](#) Block: 2238 Lot: 41

NUMBER	TYPE	FILE DATE
V* 3083/233NEWELL-080465 CLOSURE DATE: 09/28/2011	DOB VIOLATION - CLOSED	00/00/0000
V* 3084/223NEWELL100-080465 CLOSURE DATE: 09/28/2011	DOB VIOLATION - CLOSED	00/00/0000
V* 4972STRITT-102940 CLOSURE DATE: 09/28/2011	DOB VIOLATION - CLOSED	00/00/0000

Select Violation Type:

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

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

Application for Records, Article 6 – New York State Public Officers Law, Freedom of Information Law

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Either send the completed application to the Records Access Officer at NYC DEP, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373, or fax to (718) 595-6543. **DO NOT FAX AND MAIL.**

PART I. APPLICATION – Check type of record(s) requested:

- | | | | |
|--|---|---|--|
| <input type="checkbox"/> Bid/ Procurement (ACCO) | <input type="checkbox"/> Noise complaints/ inspections (BEC) | <input type="checkbox"/> Sewer main/line repair/construction (BWSO) | <input type="checkbox"/> Water bill accounts/ metering (BCS) |
| <input type="checkbox"/> Asbestos (BEC) | <input checked="" type="checkbox"/> Environmental Review/SEQRA (BEPA) | <input checked="" type="checkbox"/> Water Quality (BWS/WQ) | <input type="checkbox"/> Personnel records (HRM) |
| <input checked="" type="checkbox"/> Hazardous materials emergency response (BEC) | <input checked="" type="checkbox"/> Industrial Pretreatment/ sewer discharge violations (BWT) | <input type="checkbox"/> Watershed/ reservoir operations (BWS) | <input type="checkbox"/> Wastewater Treatment Plant operations (BWT) |
| <input type="checkbox"/> Right To Know (BEC) | <input type="checkbox"/> Water main/line repair/construction (BWSO) | <input type="checkbox"/> Watershed area incident reports (DEP PD) | <input type="checkbox"/> _____ |
| <input checked="" type="checkbox"/> Air permits/complaints/ inspections (BEC) | | | <input type="checkbox"/> _____ |

I hereby apply to inspect or receive copies of the following records (use additional sheets as needed and attach):

Records regarding hazardous materials permits, inspections, violations, storage, Environmental Investigations, permits, etc for:

Location: 221-223 Middleton Street, Brooklyn, NY 11206

Time frame/date of records: As soon as possible Block 2238, Lot No. 41

Name: Keith Butler Phone: 631-504-6000 E-Mail: kdbk@verizon.net
 Firm: Environmental Business Consultants

Address: 1808 Middle Country Road City Ridge State NY Zip 11961
 Code _____

Signature:  Date: October 10, 2012

PART II. DISPOSITION OF REQUEST (TO BE COMPLETED BY THE DEPARTMENT)

APPROVED APPROVED IN PART - - To arrange for access to the records, please contact:

(Department Representative) Number of Pages: _____	(Bureau) x\$.25 per page = Cost: _____	(Phone No.) _____
---	---	----------------------

DENIED DENIED IN PART - - for reason(s) checked: References are to Sec. 87 of the Public Officers Law.

- | | |
|--|---|
| <input type="checkbox"/> Exempt: State/Fed. Statute (2(a)) | <input type="checkbox"/> Exempt: Law Enforcement (2(e)) |
| <input type="checkbox"/> Invasion of personal privacy (2(b)) | <input type="checkbox"/> Inter/Intra-agency material (2(g)) |
| <input type="checkbox"/> Competitive position injury (2(d)) | <input type="checkbox"/> (Other) _____ |

Brief Description of records not subject to disclosure _____

A denial, in whole or in part, may be appealed within 30 days by writing to the NYCDEP FOIL Appeals Officer, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373

UNAVAILABLE - - for reason(s) checked:

Not described in sufficient detail

After search, no records responsive to request located

(Other) _____

Not maintained by this Department

LOG NO.: _____

(Department Representative)

(Bureau)

(Date)

Fee Waived Check/M.O. received

Check/M.O. requested

DOC# 050901



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

ENVIRONMENTAL BUSINESS CONSULTANTS

October 10, 2012

Ms. Rena Bryant
Records Access Officer
New York City Department of Health
125 Worth Street
Room 609, CN 31
New York, New York 10013

**Re: Freedom of Information Request
221-223 Middleton Street
Block 2238, Lot No. 41
Brooklyn, New York 11206**

Dear Ms. Bryant:

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

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

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

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

Sincerely,

Environmental Business Consultants

A handwritten signature in black ink, appearing to read 'Keith Butler', written in a cursive style.

Keith Butler
Associate Senior Geologist



Property Search Address ParcelID

[Print Report](#) [Email Report](#) [One-Page-Report](#)

Address or Street	City, State or Zip or NYC Borough	Search by Address
83 skillman street	brooklyn	
104 West 113th Street	Manhattan, NY	

[Find Comparables](#) [Add to Watch List](#)

221 Middleton St, Brooklyn, NY 11206

- [Overview](#)
- [Photos](#)
- [Owners & Transfers](#)
- [Neighborhood](#)
- [Taxes](#)
- [For Sale](#)
- Full Report**

Overview

A1 Your Notes

Show

A2 Photos

Hide

[Subscribe to see full size photos](#)



[Upload photos for this property](#)

Other Photos: [Google StreetView](#) • [Microsoft Bird's Eye View](#)

A3 Overview

Hide

Location		Square Feet	
Primary Address	221 Middleton St	Building SF	4,000
Zip	11206	Factory SF	4,000
Borough	Brooklyn	Lot SF	5,000
Block & lot	02238-0041	Ratio of Building SF to Lot SF (FAR)	
First 3 alt addresses	221 Middleton St	FAR as built	Subscribe Now!
Neighborhood		Max allowed FAR	Subscribe Now!
School district	14 map/schools	SF under FAR	Subscribe Now!
Community board	1	SF over FAR	Subscribe Now!
Neighborhood	East Williamsburg	Usable floor area	Subscribe Now!
City council	33 map	Maximum usable floor area	Subscribe Now!
Census tract	0509.00	Building	
Nearest		Building dimensions	40 ft x 100 ft
Police precinct	90 web site/crime stats	Stories	1
Police station	263 Tompkins Ave	Residential units	n/a
Distance to	1.08 Miles	Commercial units	1
Fire station	701 Park Ave	Has extension	No
Distance to	0.43 Miles	Has garage	No
Property Tax Assessment		Year built	1931 (estimated)
Actual land	\$45,000	Year last altered	2005
Assessment	\$121,950	Lot	
Tax class	4	Lot dimensions	50 ft x 100 ft
Annual tax bill	\$12,380.36	Corner lot	No
Annual tax bill projected	\$12,882.89	Buildings on lot	1
Property Maps		Zoning, Use & C-of-O	
Zoning map	13b	Certificate of Occupancy	Click here
Tax map	30803	Zoning district	Subscribe Now!
Sanborn map	303 034	2nd zoning district	Subscribe Now!
Link to zoning map	Click here	Building class	Factory - Miscellaneous (F9)
Link to tax map	Click here	E-Designation	E-238

Retail Space for Lease

[Click to Start](#)

Most Recent Sale

Show sections

Sale date 6/23/2005
Sale price \$650,000

Historic district None

Hazards & Environment

Toxic site on this property No
Neighboring toxic sites No

Current Owner

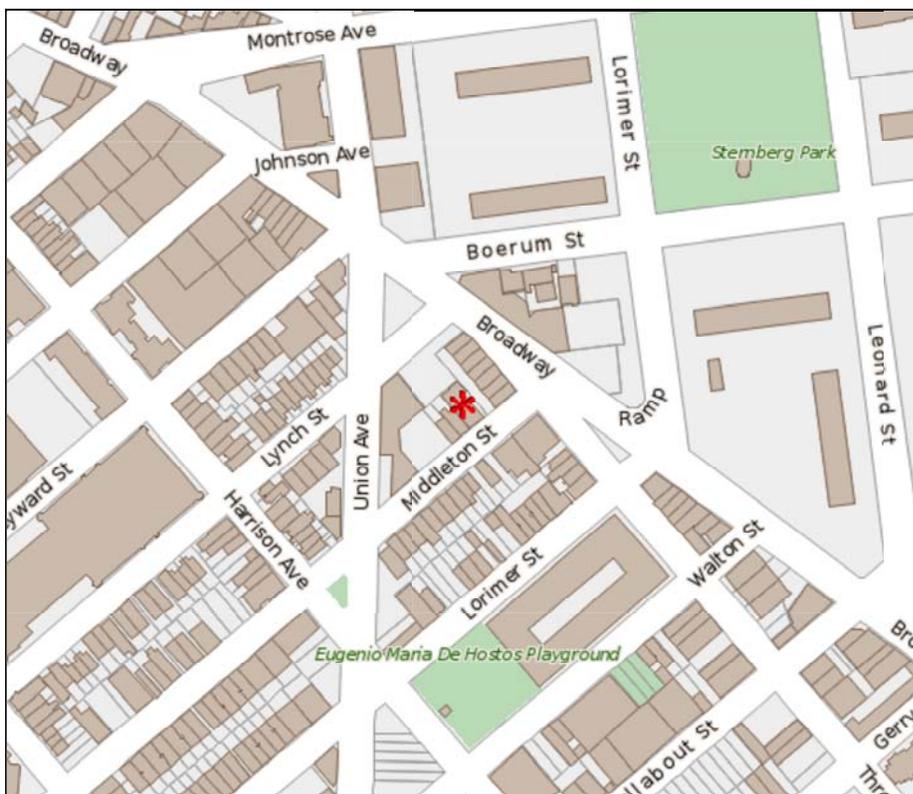
Full name M-DI Realty Inc
Address 221 Middleton St
City state zip Brooklyn Kings NY 11206

A4 Residential For Sale

No records found

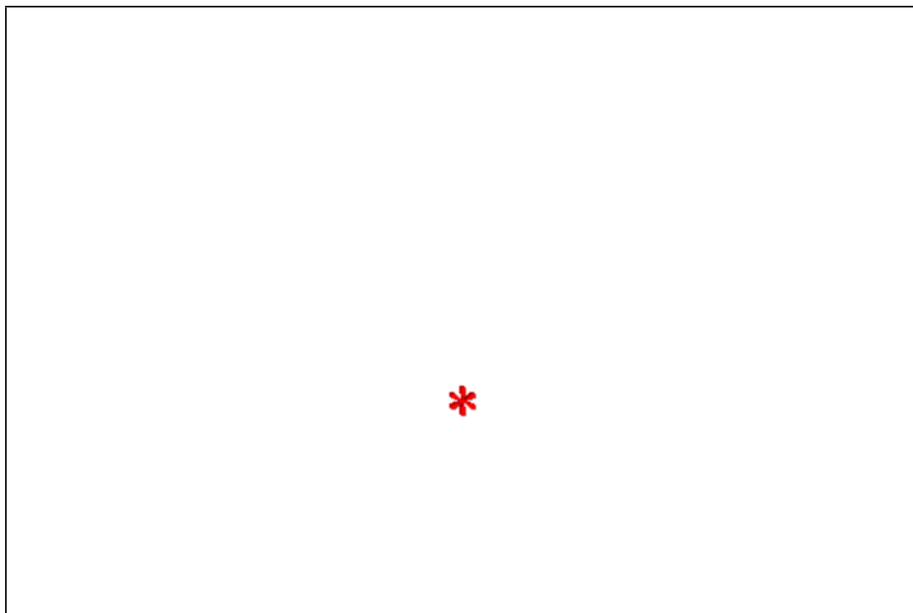
Hide

A5 Maps



Hide

Click on the map to expand!



Show sections

Click on the map to expand!
[Link to Google Maps](#)

A7 Sale & Property History

For Sale Listings
Property History

Event: **Deed Transfer recorded**

Amount: **\$650,000**
 Date: **6/23/2005**

Owners & Residents

B4 Ownership Summary

B2 Phone Records - Tenants

B3 Voter Registration

See more about **221 Middleton St's** ownership.
 The Department of State - Division of Corporations - allows you to search for **LLC owners**.

Title History

C1 Liens

Liens are available **only to customers subscribed to our liens pendens product**.
 For details see our **plan & pricing**

C2 Title Documents

Subscribers to our **Property Reports service** can link directly to title documents in **ACRIS**.
 Records go back to about 1966. See the different types of **NYC title documents!**

Recorded	Document Date	Type	Amount	Party1 name	Party2 name
10/31/2006	10/27/2006	Ucc3 Termination	n/a	M-DI Realty, Inc.	United Orient Bank
11/16/2006	10/24/2006	Satisfaction Of Mortgage	n/a	Tung Fong Realty Corp	HSBC Bank USA, National Association
11/16/2006	10/24/2006	Termination Of Assign Of L&R	n/a	Tung Fong Realty Corp	HSBC Bank Usa, National Association
9/4/2007	9/20/2006	Assignment, Mortgage	n/a	Washington Mutual Bank	U.S. Bank National Association
10/31/2006	9/20/2006	Mortgage	\$168,269	M-DI Realty, Inc.	Washington Mutual Bank
10/31/2006	9/20/2006	Agreement	\$550,000	Washington Mutual Bank	M-DI Realty, Inc.
10/31/2006	9/19/2006	Assignment, Mortgage	n/a	United Orient Bank	Washington Mutual Bank
10/31/2006	9/19/2006	Termination Of Assign Of L&R	n/a	United Orient Bank	M-DI Realty, Inc.

Page 1 of 3 / [Show all](#)

[Next records](#)

Sales & Value

D1 Valuation Model

Show+

Shqy sections Property Income and Expenses

Hide

Owners of income-producing properties that have an actual assessed value of more than \$40,000 are required to file annual Real Property Income and Expense (RPIE) statements with the Department of Finance(DOF). The DOF uses the information from these statements, or data from comparables, to estimate the market value of a property for tax purposes.

Type	Rental	Reporting period	from: 01/01/2009 to: 12/31/2009
		Building	
Property		Factory	4,000
Lot SF	5,000	Commercial SF	4,000
Height	12	Total SF	4,000

PropertyShark obtains its records from the DOF and updates them bi-annually.

D3 Building Rental Income and Expenses

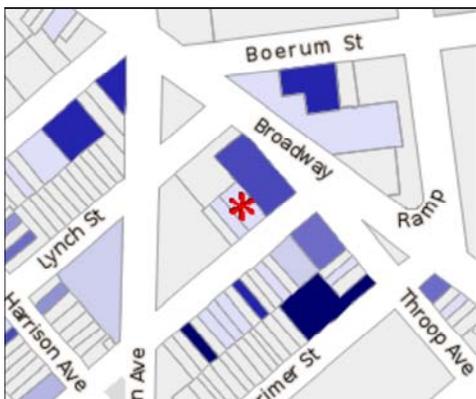
Hide

Reporting period from: 01/01/2009 to: 12/31/2009

Income		Expenses	
Regulated apartment income	\$0	Fuel	\$0
Unregulated apartment income	\$0	Lighting	\$0
Office income	\$0	Cleaning	\$0
Retail income	\$0	Wages	\$0
Loft income	\$0	Repair & maintenance	\$1,120
Factory income	\$51,600	Management	\$0
Warehouse income	\$0	Insurance	\$2,511
Storage income	\$0	Water & sewer	\$1,600
Garage income	\$0	Advertising	\$0
Owner occupied income	\$0	Decorating	\$0
Operating escalation income	\$0	Improvement expense 1	\$0
RE tax escalation income	\$0	Improvement expense 2	\$0
Sale of utility services income	\$0	Miscellaneous expenses 1	\$765
Sale of other services income	\$0	Miscellaneous expenses 2	\$0
Government rent subsidies income	\$0	Miscellaneous expenses 3	\$0
Billboard income	\$0	Before tax net	\$0
Cell tower income	\$0	After tax net	\$0
Other income 1	\$0	Total expenses	\$5,996
Other income 2	\$0		
Other income 3	\$0		
Total rental income	\$51,600		

D4 Sales & Values Maps

Hide



The map shows sales of neighboring properties. Find out how recent the property has been sold. For Condos and Coops the value is not reflective.

Legend

- second half of 2012
- first half of 2012
- second half of 2011
- first half of 2011
- second half of 2010
- first half of 2010
- 2008 - 2009
- < 2008

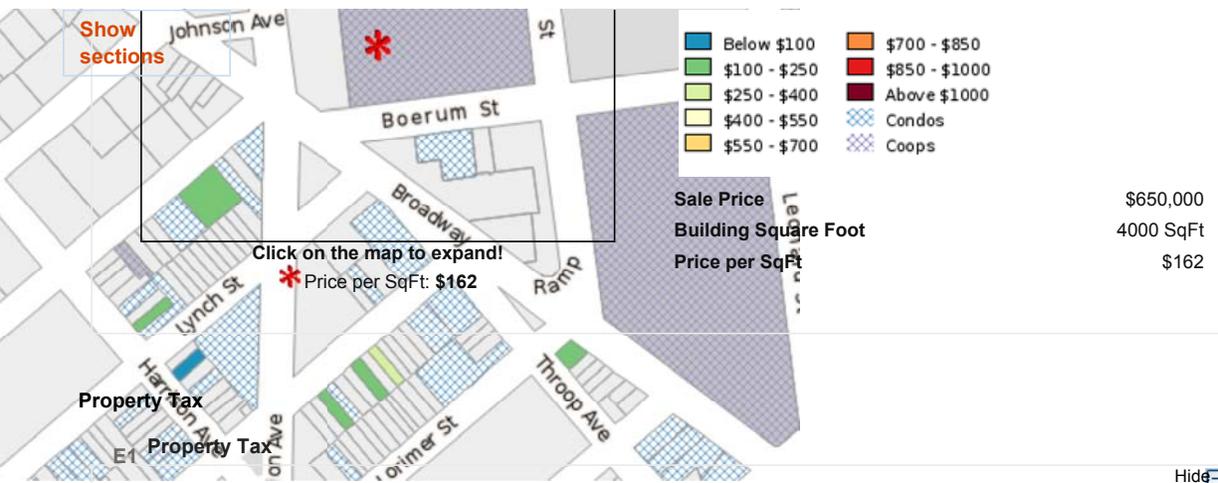
Sale Date 6/23/2005
Time Since Last Recorded Sale 7 years & 119 days

Click on the map to expand!
* Recent Sale Date: 6/23/2005



On this color-coded map, view the price paid per square foot for the last sale of the property. For Condos and Coops the value is not reflective.

Legend



The following values are from the latest assessment roll and give information about the fiscal years **2011/2012** and **2012/2013**. The City's fiscal year runs from July 1 to June 30.

Market Value

The property tax assessment process starts when the city's assessors estimate a property's market value, based upon the available information. The assessors use three approaches to value the property: sales, cost, and income. The *market value* is generally defined as what the property would sell for in a competitive and open market.

	2011/2012	2012/2013
Land market value	\$100,000	\$100,000
Building market value	+ \$171,000	+ \$182,000
Market value	= \$271,000	= \$282,000

Assessed Value

Assessed value is a calculation of the property value for tax purposes. It usually represents a percentage of the market value and is subject to limits on annual increases. Sometimes the city will exempt part of the assessed value from taxation, as an incentive to make improvements to an existing structure or to build on a vacant lot. There are also several [tax reductions programs](#) for residential properties that may apply and may lower the property's tax bill.

	2011/2012	2012/2013
Land assessed value	\$45,000	\$45,000
Building assessed value	+ \$76,950	+ \$81,900
Assessed value	= \$121,950	= \$126,900
Exemptions granted by city	- \$0	- \$0
Net assessed value	= \$121,950	= \$126,900

Transitional Value

While the city's assessors have noted the rapid appreciation of property in New York City, the state understands that it would be burdensome for property taxes to rise too fast. Therefore, increases in the *assessed value* are phased in over a number of years. This introduces the *transitional assessed value*, which is a limit on the portion of the assessed value introduced into the tax base. When the *assessed value* is phased in, sometimes the *exemptions* are as well.

	2011/2012	2012/2013
Transitional land value	\$28,908	\$32,931
Transitional building value	+ \$108,612	+ \$97,749
Transitional value	= \$137,520	= \$130,680
Transitional exemption value	- \$0	- \$0
Transitional net value	= \$137,520	= \$130,680

Taxable Value

The *taxable value*, for 2011/2012, is the smaller of the city's *net assessed value* and the *transitional net assessed value*.

Taxable value	= \$121,950
---------------	-------------

Property Tax

Base tax is an estimate of what an owner **not** benefiting from tax exemptions would pay and is determined by multiplying the assessed value by the [tax rate](#). *Current tax* is calculated by multiplying the taxable value by the tax rate.

For a very small number of properties owner-related exemptions (for which we currently don't have information) apply, and so the values given below may be slightly different from the official ones. In addition to exemptions, the city also grants *tax abatements* to some properties. An *abatement* is simply a discount which is subtracted directly from the current tax. This results in the *property tax*, the amount the current owner pays.

Tax description	Assessed/taxable value 11/12	Tax rate 11/12	Tax amount 11/12
Base tax	\$121,950	* 10.1520%	= \$12,380.00
Current tax	\$121,950	* 10.1520%	= \$12,380.00
Total abatements			- \$0.00
Property tax			= \$12,380.36

Tax description	Assessed/taxable value 12/13	Tax rate 11/12	Tax amount 12/13
Base tax	\$126,900	* 10.1520%	= \$12,882.89
Current tax	\$126,900	* 10.1520%	= \$12,882.89
Total abatements			- \$0.00
Property tax			= \$12,882.89

For more information please visit New York City's [property tax section](#). Also, you can view this property's assessment, tax bill and account statements [here](#).

Tax per Square Foot



Exemptions and Tax Abatements

Both the City and State of New York offer property tax reductions through exemptions and abatements for residential property, commercial constructions, and properties used by governmental, industrial, and not-for-profit organizations. Exemptions provide tax relief by reducing a property's assessed value, and abatements reduce taxes by applying credits to the amount of tax due. The information in this section presents a summary of the granted amounts and other related values of the benefit programs. This data comes from NYC Department of Housing Preservation and Development (HPD) and the Department of Finance, departments which administer the [J-51 Program](#) and the [421a Program](#).

Assessment History

Year	Use code	Market value	Land asmt	Assessment	Taxable	Tax rate%	Base tax	Property tax
2012/13	F9	\$282,000	\$45,000	\$126,900	\$126,900	10.152%	\$12,882	\$12,882
2011/12	F9	\$271,000	\$45,000	\$121,950	\$121,950	10.152%	\$12,380	\$12,380
2010/11	F9	\$234,000	\$24,885	\$105,300	\$105,300	10.312%	\$10,858	\$10,858
2009/10	F9	\$234,000	\$24,885	\$105,300	\$105,300	10.426%	\$10,978	\$10,978
2008/09	F9	\$431,000	\$24,885	\$193,950	\$129,960	10.241%	\$13,309	\$13,309
2007/08	E9	\$358,000	\$24,885	\$161,100	\$108,990	10.059%	\$10,963	\$10,963

Development & Use

F1 Zoning and Building Class

Show+

F2 Floor Area Ratio & Air Rights

Show+

F3 Building Permits

Hide-

Found 1 permits on 3 jobs.

Filed	Type	Cost	Permits Filed	Work Types
Job #320482027				
7/25/2012	NB			
<i>Description: File mh work type in conjunction with nb job #320482027</i>				
5/23/2012	NB			
<i>Description: New 7 dwellings units building.</i>				
Job #302000199				
8/26/2005	A3	\$3,000	2005-09-02	AL-
<i>Description: Manufacturing building. new partition for office as per plan filed. no change in use, occupancy or e</i>				

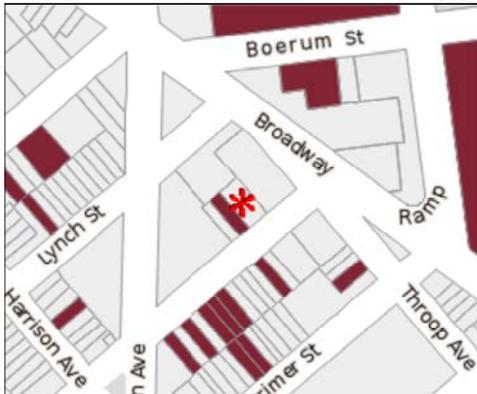
Please note: the NYC Department of Buildings is the only authoritative source for information on building permits. Please consult the Building Information System on the [DOB web site](#).

Violations

Show sections Housing Preservation and Development Violations

Hide

When excessive violations are present, this can adversely affect the support given by The NYC Department of Housing Preservation and Development (HPD). These violations can result in building-wide inspections, fees, and the requirement of extensive repair work to correct underlying conditions. In some cases, outstanding violations may result in a lien being placed on the property. It is also substantially more difficult to mortgage a building with extensive violations.



HPD Violations

On this color-coded map, view all properties with open violations that have been left uncorrected.

Legend

- Uncorrected Violation(s)
- Total number of violations
- Open A class violations: 0
- Open B class violations: 0
- Open C class violations: 0
- Open I class violations: 0
- Number of units: 0

Click on the map to expand!

* Sorry, for this property we don't have any information about open violations.

Description of the Classes

Sorry, no records were found!

Please note: the NYC HPD is the only authoritative source for information on housing violations. Please consult the [HPD web site](#) for up-to-date violations.

PropertyShark obtains its records from HPD and updates them monthly.

G2 ECB Violations

Hide

There are eleven city agencies that administer the City's quality-of-life laws and issue Notices of Violation (NOVs) for alleged violations. The ECB is a separate and independent agency that hears challenges to those NOVs. The agencies that issue the most violations for real estate are:

- Department of Buildings (DOB)
- Department of Environmental Protection (DEP)
- Fire Department
- Landmarks Preservation Commission (LPC)
- Department of Sanitation

PropertyShark obtains its ECB NOV records from the DOB and updates them nightly. Records go back to 1988

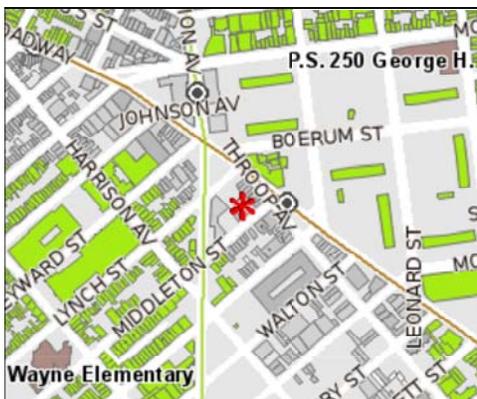
No records found.

For more information about the ECB and the types of NOVs that it handles, visit its [home page](#) or this page with a [list of rules, laws and agencies](#).

Neighborhood

H1 Distance To

Hide



Click on the map to expand!

Distance to Elementary Schools

On this map, view the distance between the closest Elementary School and this property.

Legend

- Elementary School
- Inside 1000 ft *
- * distances are calculated as radius from Elementary School

Distance (feet): n/a

Building is not inside a 1000ft radius from the nearest Elementary School.

Distance to Junior High

On this map, view the distance between the closest Junior High School and this property.

Legend



Distance (feet): 350.35

Location name
J.S. 318 Eugenio Maria De Hostos

Location category description
Junior High-Intermediate-Middle

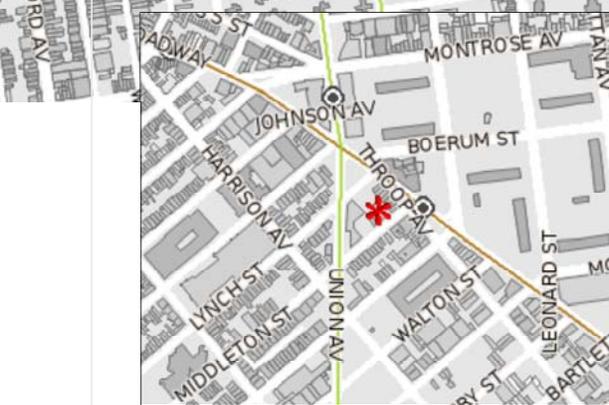


Distance to High School
On this map, view the distance between the closest High School and this property.

Legend
High School
Inside 1000ft *
* distances are calculated as radius from High School

Distance (feet): n/a

Building is not inside a 1000ft radius from the nearest High School.



Distance to University
On this map, view the distance between the closest University and this property.

Legend
University / College
Inside 1000 ft *
* distances are calculated as radius from University/College

Name: n/a
Distance (feet): n/a



Subway accessibility

On this color-coded map, view the nearest and the next nearest subway station for each building.

Nearest subway station

Sname1 Lorimer St
Station1 Lorimer St (J*M)
Distance1 213

Next nearest subway station

Sname2 Broadway
Station2 Broadway (G)
Distance2 646

Legend

Subway & SIR Station
 Subway & SIR Lines

Inside 1000 ft *
 Inside 2000 ft *
 Inside 3000 ft *
* distances are calculated as radius from station

Show Urban Landscape Maps **Hide**
sections



Year Built

On this color-coded map, view the year each property was built.

Legend

- 2010 and later
- 2000 - 2009
- 1990 - 1999
- 1970 - 1989
- 1950 - 1969
- 1900 - 1949
- 1900 and earlier

Click on the map to expand!

* Year Built: 1931



Building Stories

On this map, view the number of stories per building.

Legend

- 10 & Up Stories
- 7 to 9 Stories
- 5 & 6 Stories
- 4 Stories
- 3 Stories
- 2 Stories
- 1 Story

Click on the map to expand!

* Number of Stories: 1

H3 Neighbors

Hide

Link to address	Property class local	Gross sqft	Sale date	Sale price
139 Middleton St	Factory - Miscellaneous (F9)	26,736	12/22/2010	\$3,090,750
155 Middleton St	n/a	n/a	12/6/2011	\$810,000
157 Middleton St	Vacant Land - Zoned Residential, Except Not Manhattan Below 110 St (V0)	n/a	11/3/2006	\$0
161 Middleton St	Vacant Land - Zoned Residential, Except Not Manhattan Below 110 St (V0)	n/a	6/7/2004	\$0
163 Middleton St	Vacant Land - Zoned Residential, Except Not Manhattan Below 110 St (V0)	n/a	6/7/2004	\$0
165 Middleton St	Vacant Land - Zoned Residential, Except Not Manhattan Below 110 St (V0)	n/a	10/3/1989	\$0
177 Middleton St	Two family Frame (B2)	3,107	3/7/1995	\$0
181 Middleton St	Vacant Land - Zoned Residential, Except Not Manhattan Below 110 St (V0)	n/a	7/28/1978	\$0
201-211 Middleton St	Miscellaneous Garage or Gas Station (G9)	18,000	12/22/1998	\$0
213 Middleton St	Five to Six Families (C2)	4,500	8/6/2008	\$0

H4 Demographics By Tract

Hide

Tract number	509		
Total population	4700		
Housing		Race & Ethnicity	
Owners	92%	White	84%
Average occupants per room	1	Black or African American	1%
Average year structure built	1983	Hispanic and Latino	19%

Show sections	Average year moved in	1990	Asian	3%
	Average units in structure	1	Others	11%
	Wealth		Average age	28
	Median house value	\$139,200	Education	
	Median rent	\$675	High school graduates	23%
	Renters spending <35% of income on housing	78%	College graduates	36%
	Owners spending <50% of income on housing	91%	Other	
	Population in poverty	4%	Citizens	99%
	Economic/Employment		English speakers	36%
	Median household income	\$58,044	Transportation	
	Household income-Employed or retired	86%	Commuting by own vehicle	87%
	Employment status-Employed	4%	Average travel time to work (min)	33

Hazards & Environment

11 Toxic Sites

Accounts are free, but the Toxic Sites map is only available to people subscribed to reports.

[Subscribe Now!](#)

Call **800-2-TOXICS** (800-286-9427 NYS only) or **607-273-3391** for more info.

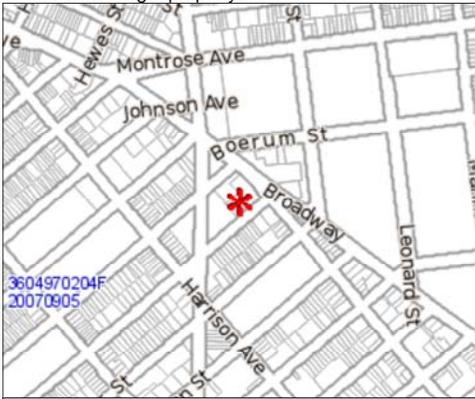
Hide

12 Fema Flood Zones Map

To understand flood zoning within the current neighborhood you can review the full map by clicking on this 'minimap'. Flood zoning codes, Fema map panel, and publication date all can be extracted for this target property.

Legend

- Moderate to Low Risk Areas**
- X < 1% ACF
- 0.2 PCT ACFH * < 1% ACF
- High Risk Areas**
- A 1% ACF, no base flood elevations
- AE 1% ACF, periodic base flood elevations
- High Risk-Coastal Areas**
- VE =/> 1% ACF + Storm Waves
- Floodway
- COBRA **
- Open Water
- * 0.2% Annual Chance of Flood Hazard
- ** Coastal Barrier Resources System Area
- ACF = Annual Chance of Flooding



Click on the map to expand!

Find out more about: [FEMA Flood Hazard Map](#)

Note: This map was constructed using Fema Flood DFIRM data set.

Link to the map for this property at [FEMA's Map Service Center](#) (may not be available in all locations)

FEMA Flood Zoning

FEMA flood zone	X
FEMA flood zones	X
Costal barrier resources system area (COBRA)	No
FEMA floodway	n/a
Distance to...	
Nearest distance to coastline (ft)	4970
Compass direction to coastline	182
Nearest distance to 100 year flood zone area (ft)	78
Compass direction to 100 year flood zone	230

FEMA Map Details

Map panel ID	3604970204F
Map quaderant ID	40073-F8
Quaderant name	Brooklyn
Mapped to scale 1	6000
Map (source data) publication date	09/05/2007

13 Hurricane Evacuation Zones

No records found

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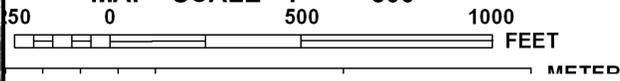
Do not rely on this report to support investment decisions. The only authoritative source for the information in this report is the government agencies from which the data was acquired.



Flood insurance is available in this community, contact your local National Flood Insurance Program at 1-800-638-6620.



MAP SCALE 1" = 500'



NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0204F

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
**NEW YORK,
NEW YORK**
BRONX, RICHMOND, NEW YORK,
QUEENS, AND KINGS COUNTIES

PANEL 204 OF 457

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
NEW YORK, CITY OF	360497	0204	F

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
3604970204F

MAP REVISED
SEPTEMBER 5, 2007

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

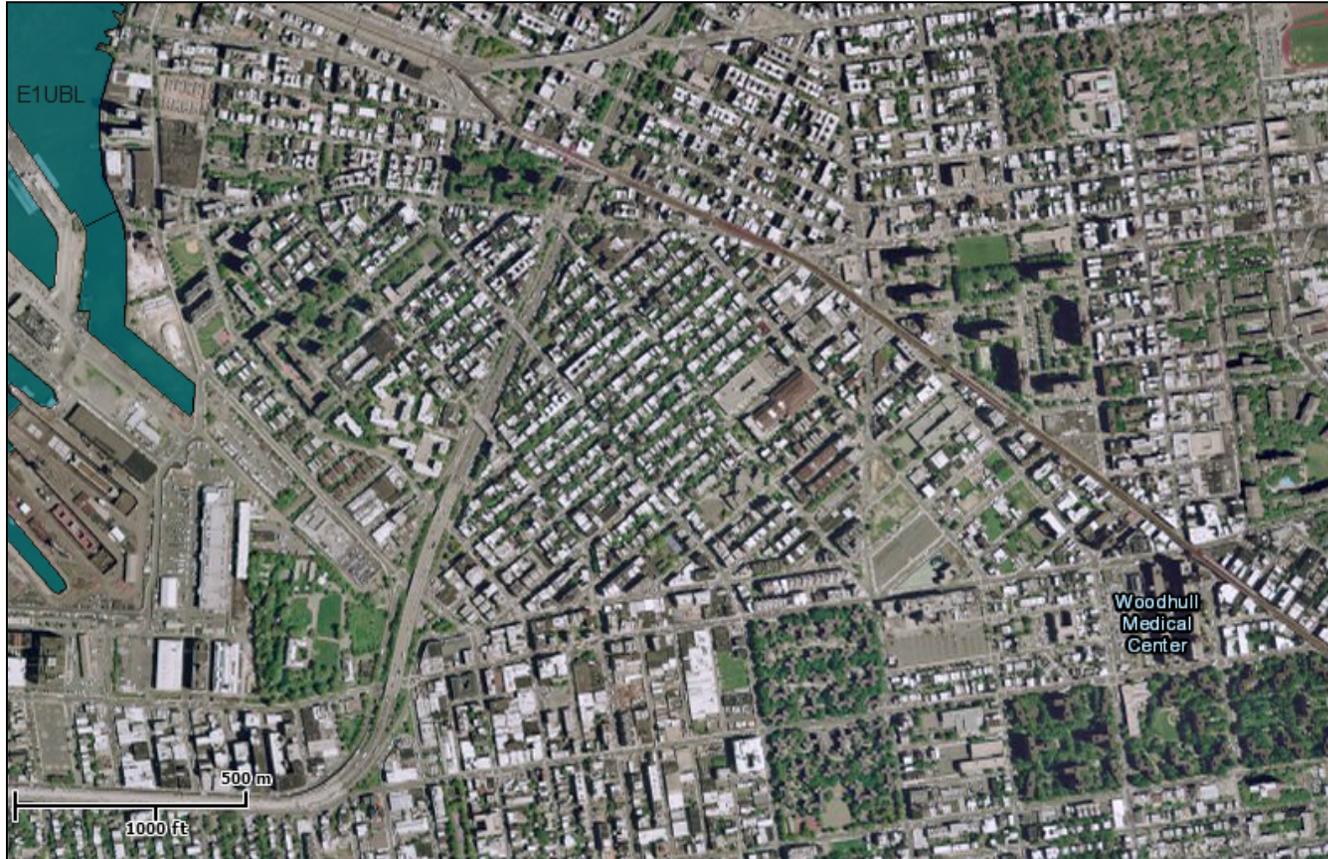


U.S. Fish and Wildlife Service

National Wetlands Inventory

221 Middleton
Street, Brooklyn,
NY

Oct 18, 2012



Wetlands

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

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

User Remarks:

APPENDIX C

SANBORN MAPS



213 Middleton Street

213 Middleton Street
Brooklyn, NY 11206

Inquiry Number: 3410586.3

September 14, 2012

Certified Sanborn® Map Report

Certified Sanborn® Map Report

9/14/12

Site Name:

213 Middleton Street
213 Middleton Street
Brooklyn, NY 11206

Client Name:

Env. Business Consultants
1808 Middle Country Road
Ridge, NY 11961



EDR Inquiry # 3410586.3

Contact: Charles Sosik

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City, State, Zip: Brooklyn, NY 11206
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P.O. # NA
Project: NA
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Sanborn® Library search results
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Maps Provided:

2007	2001	1989	1977	1904
2006	1996	1987	1965	1887
2005	1995	1986	1950	
2004	1993	1982	1947	
2003	1992	1981	1935	
2002	1991	1980	1918	

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
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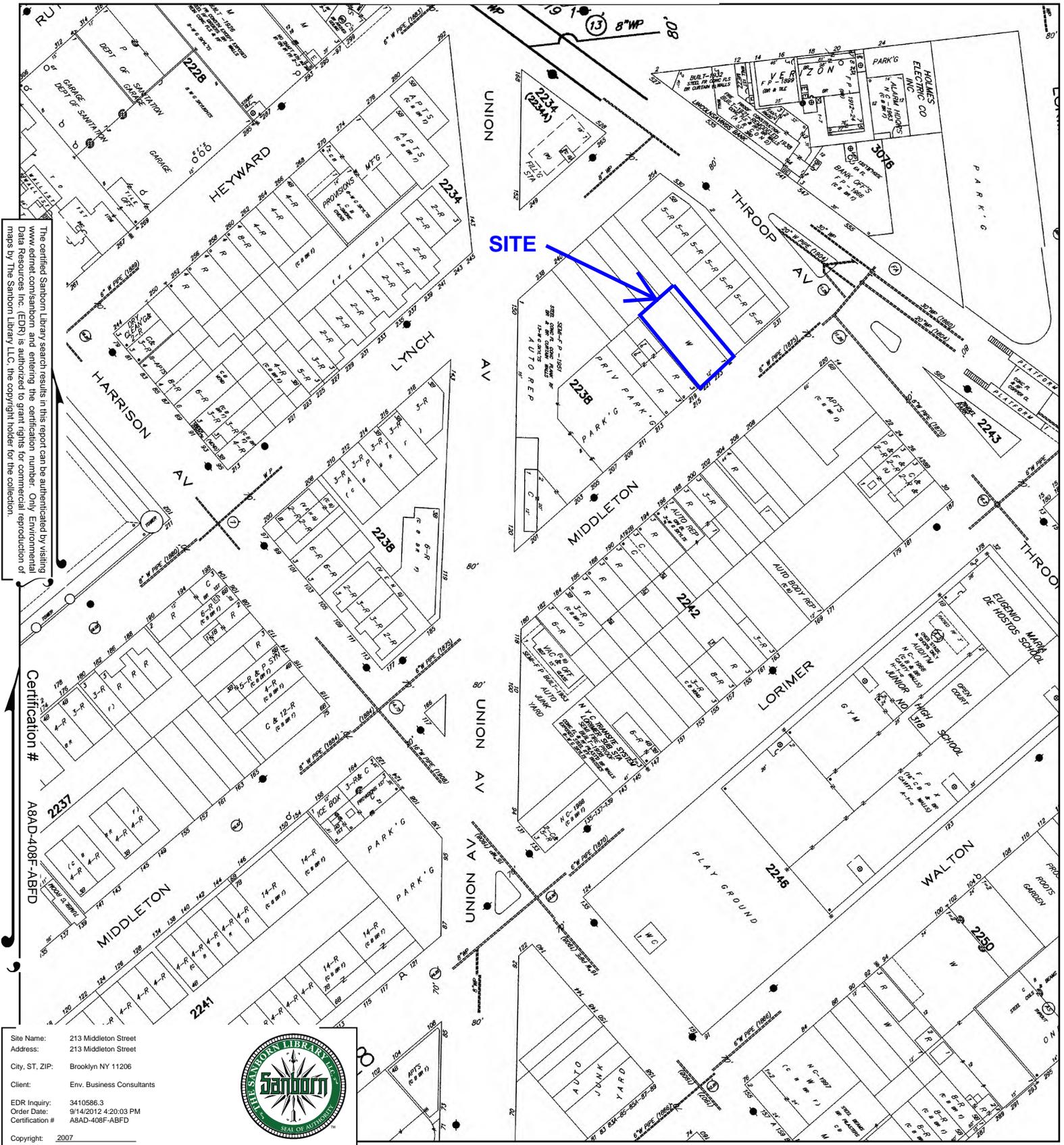
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2007 Certified Sanborn Map



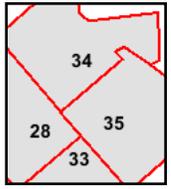
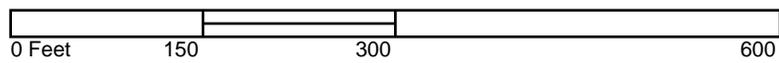
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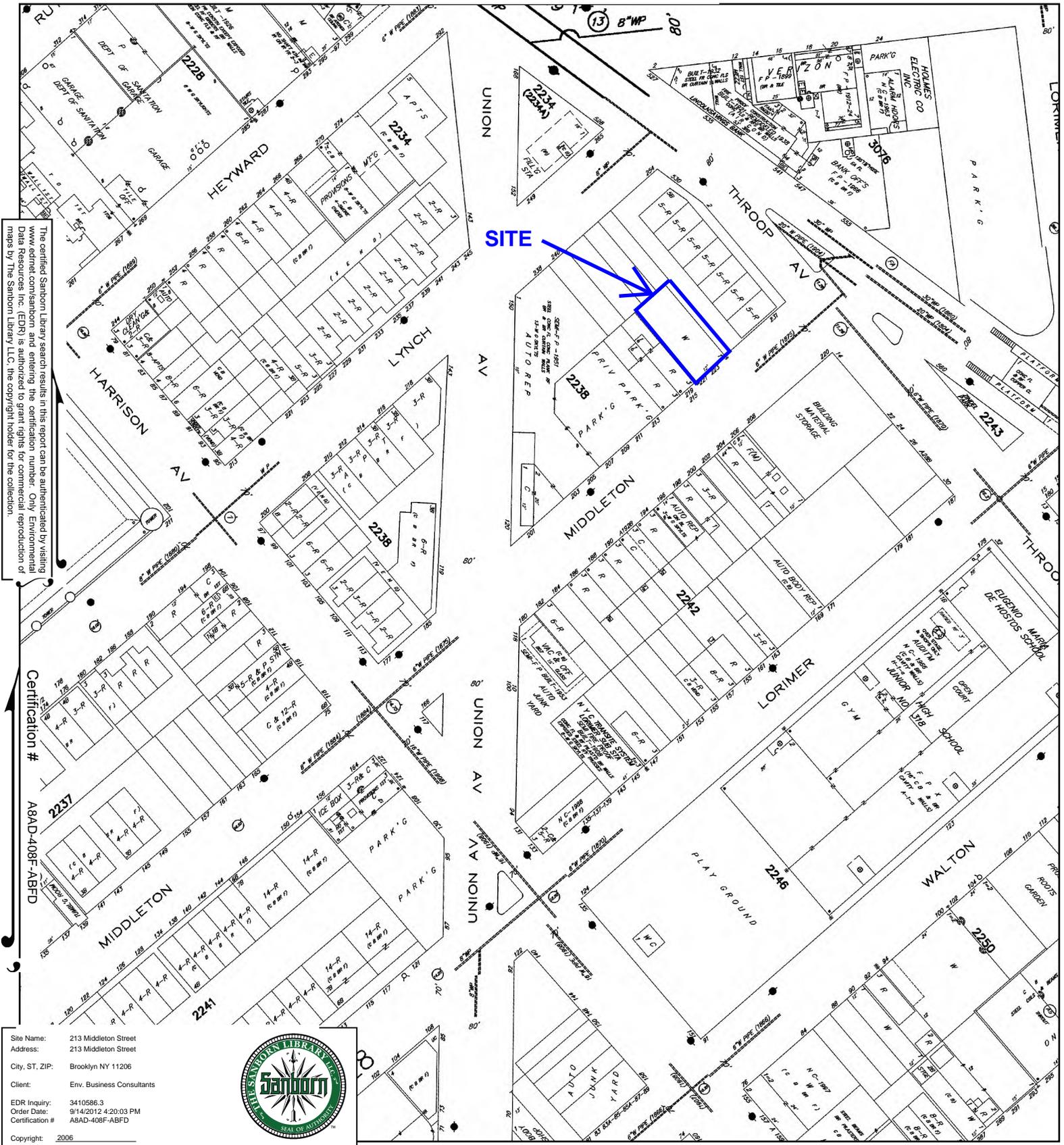
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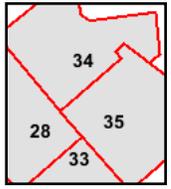
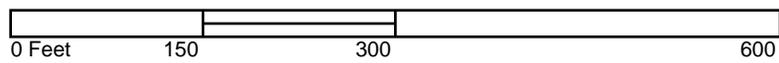
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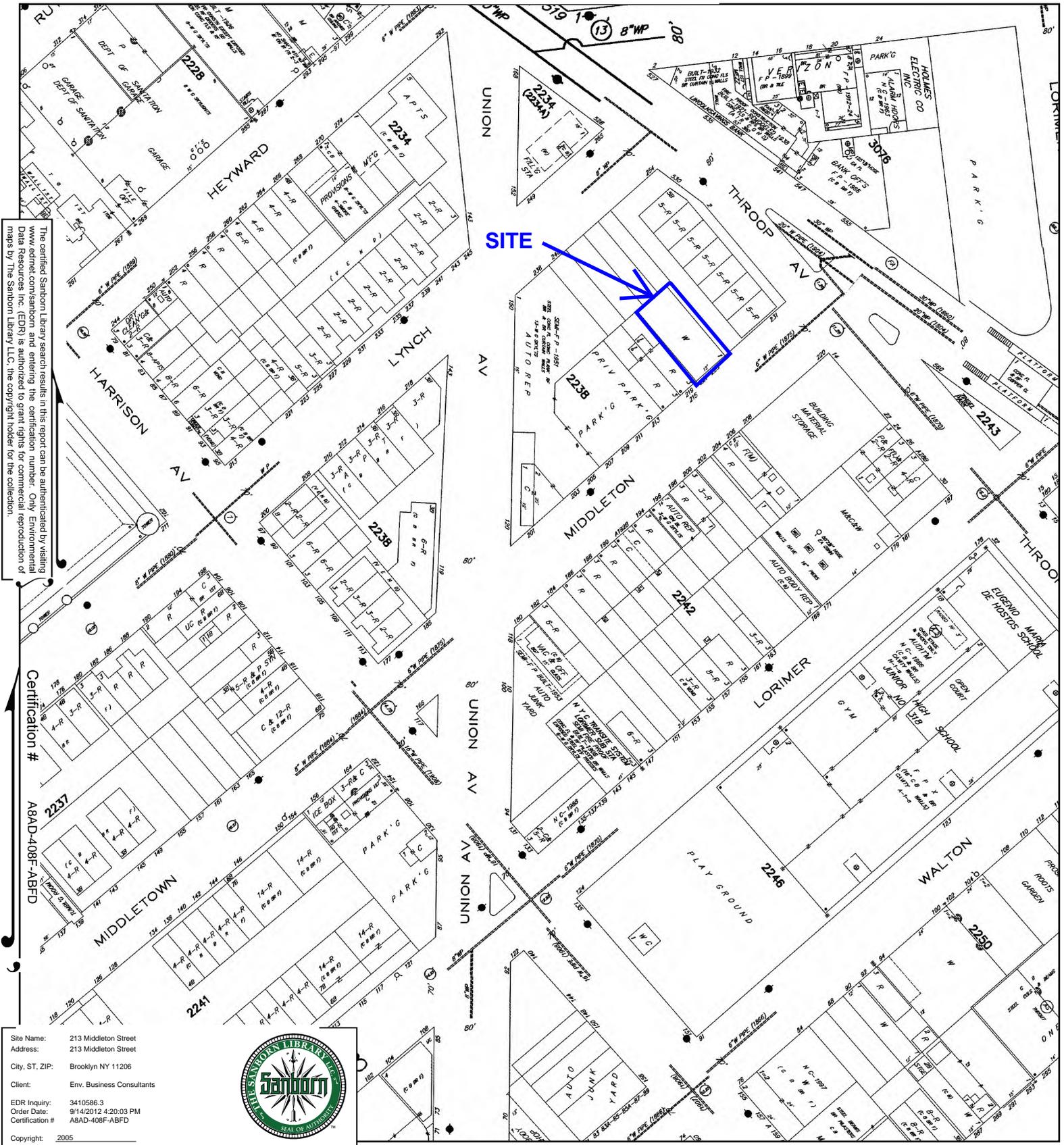
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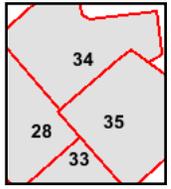
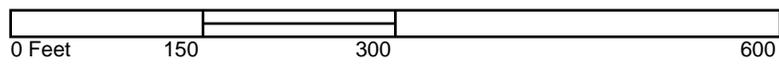
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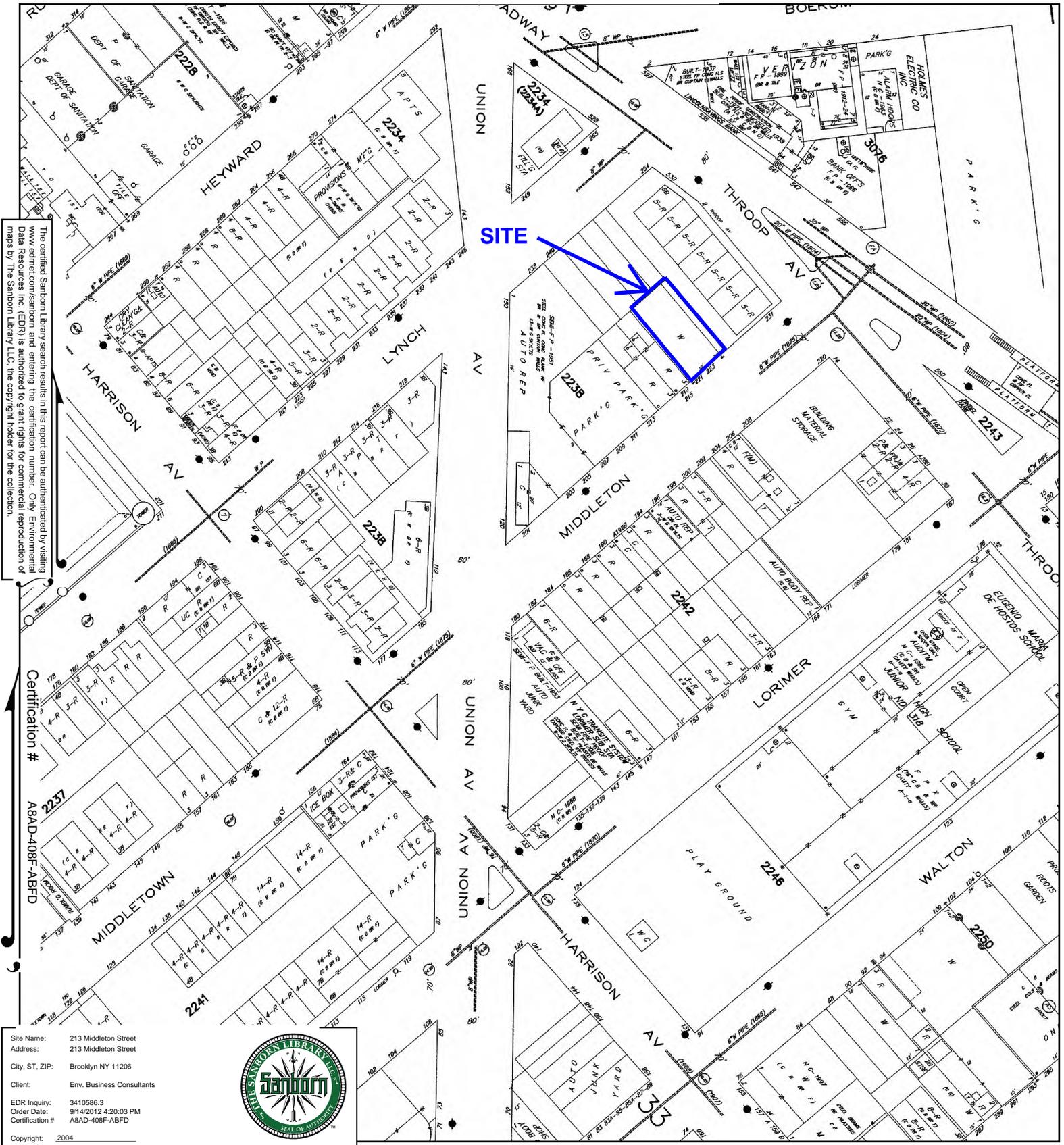
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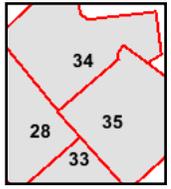
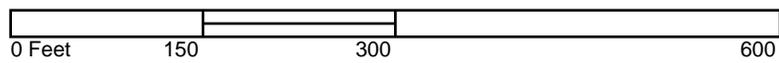
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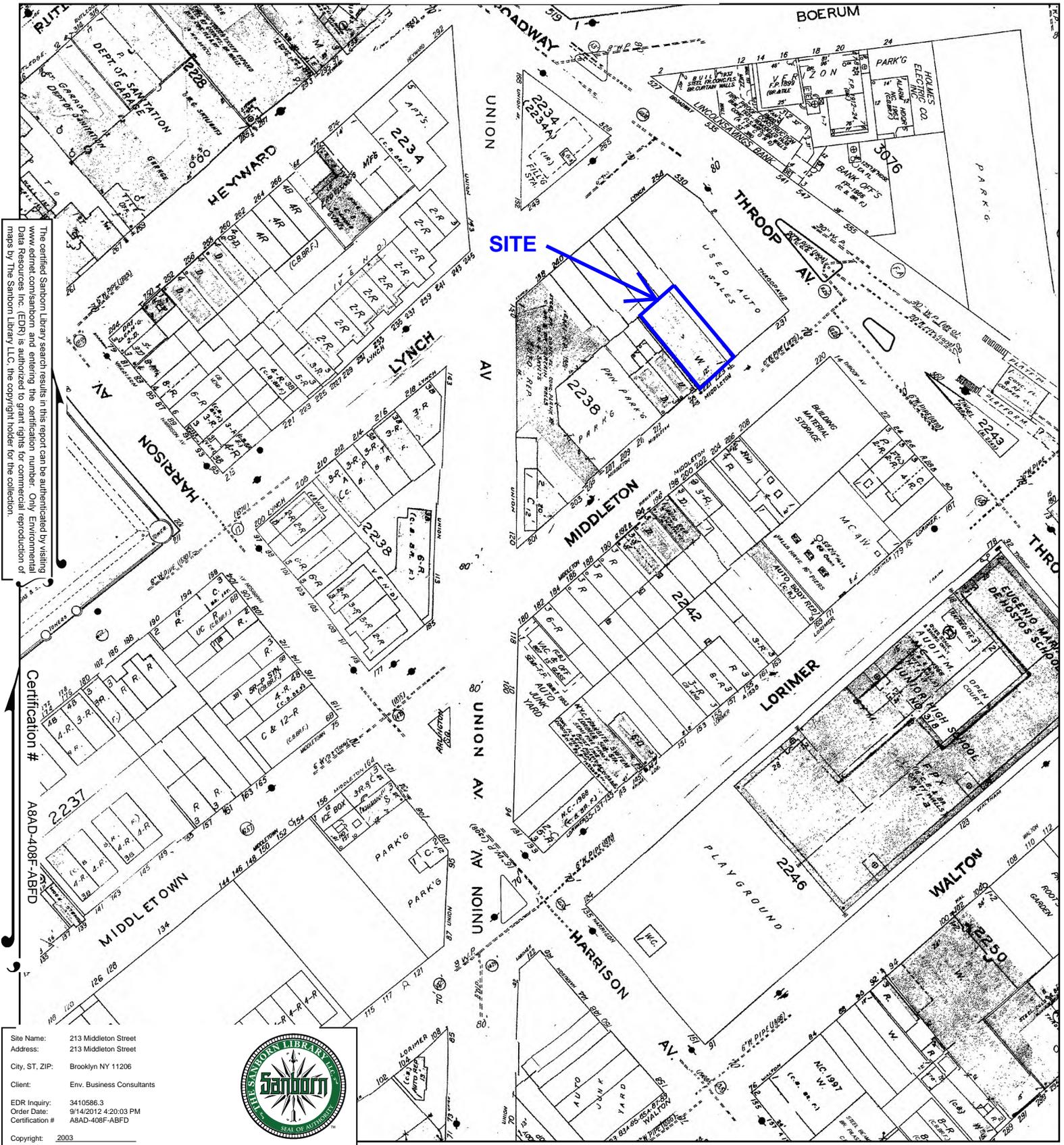
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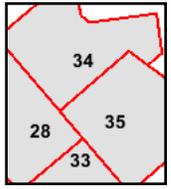
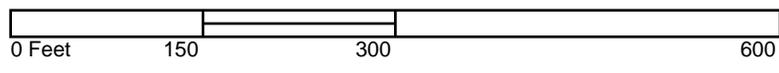
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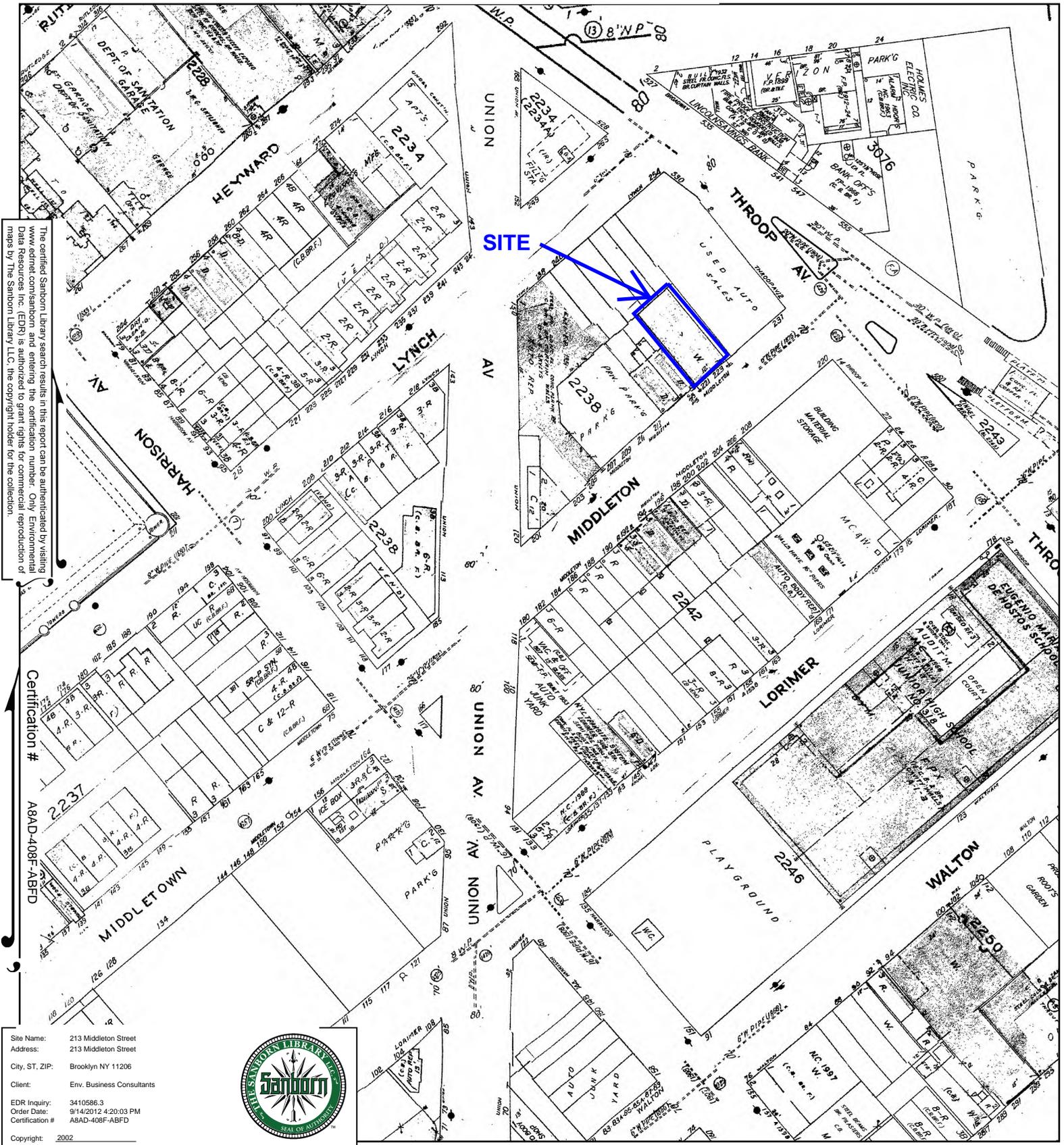
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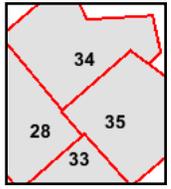
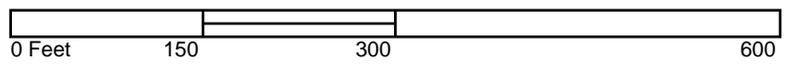
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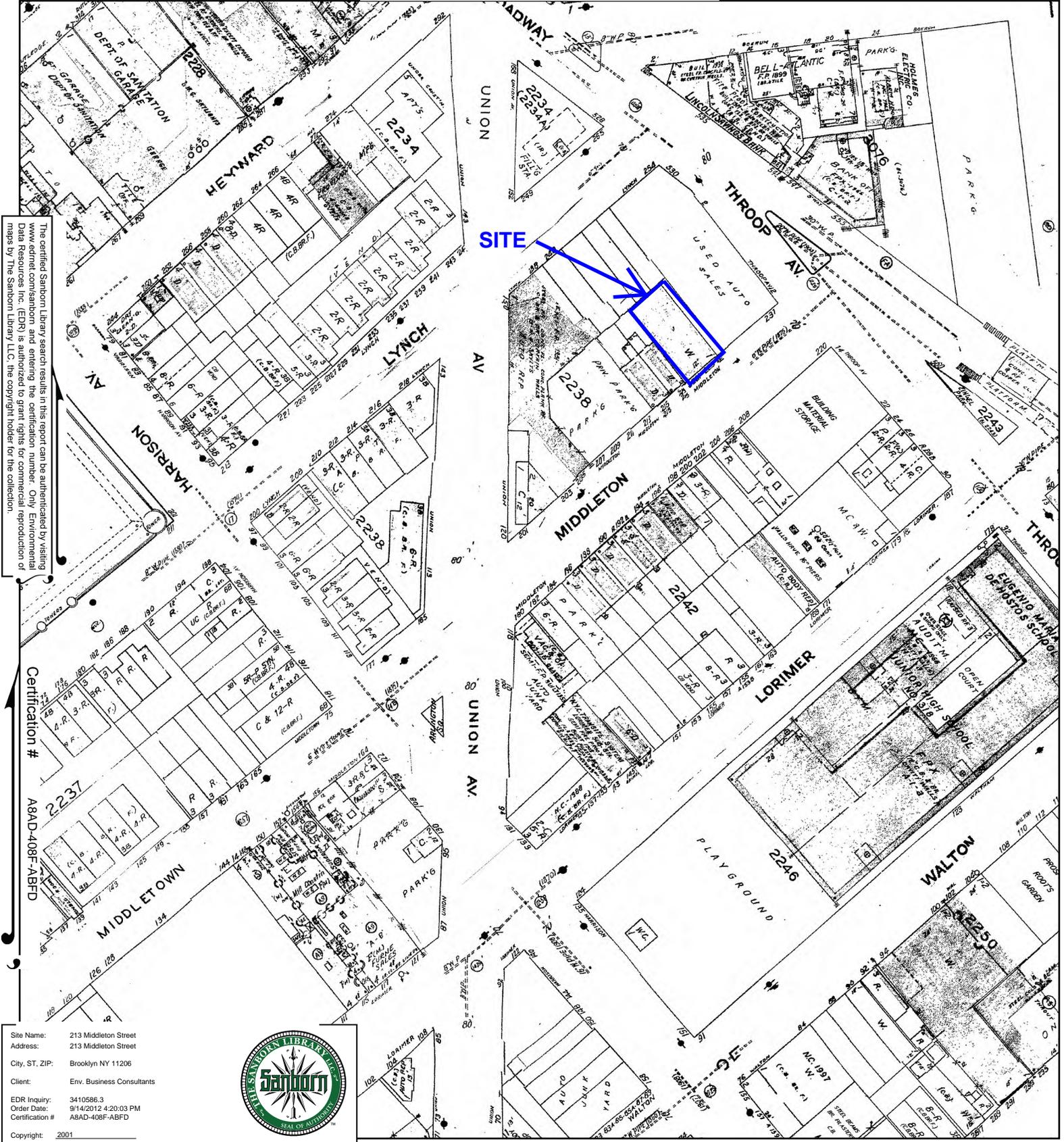
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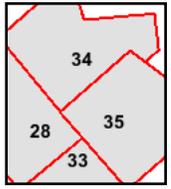
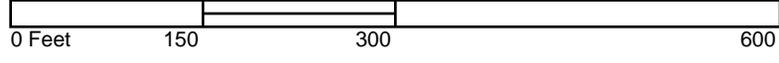
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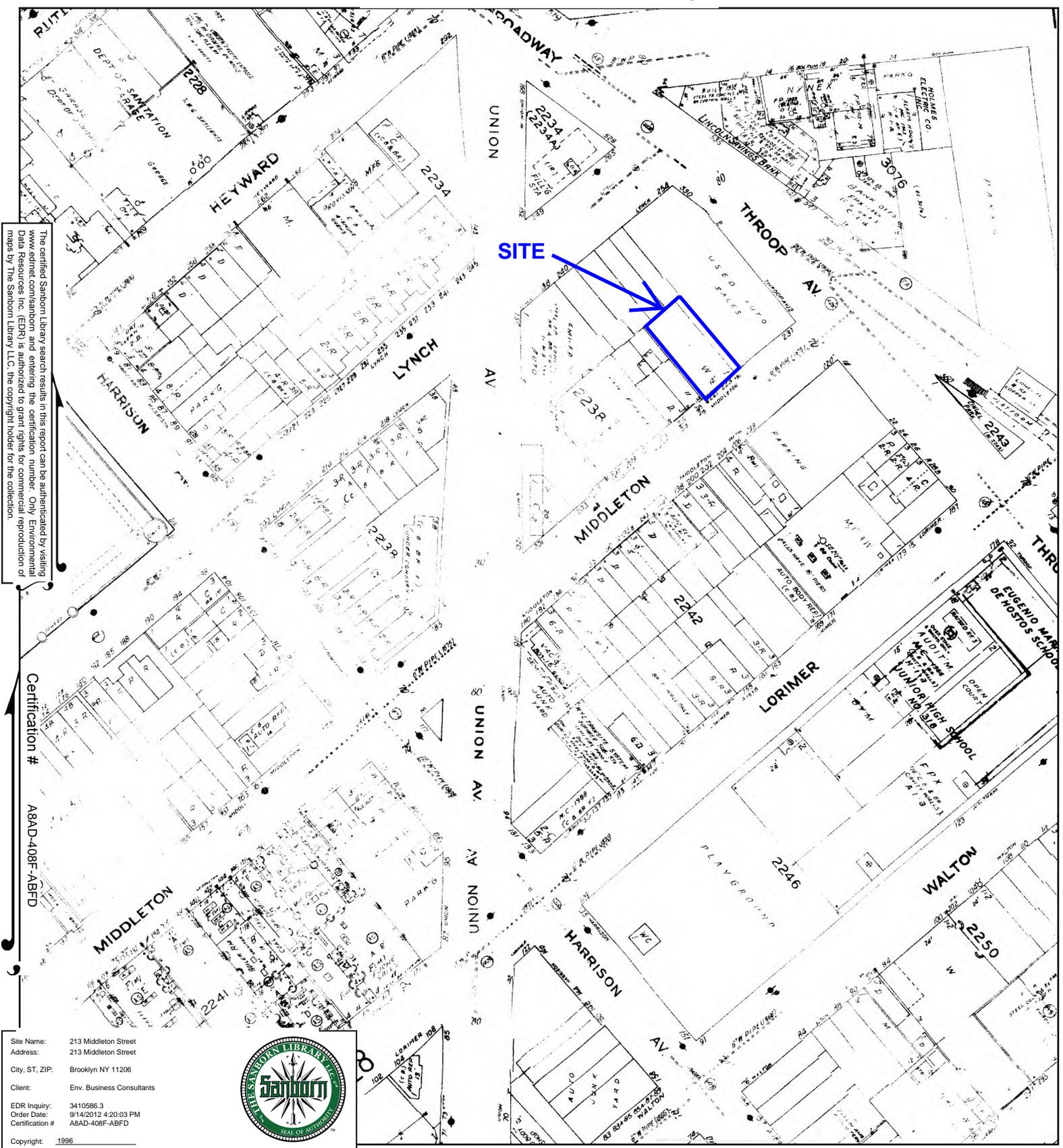


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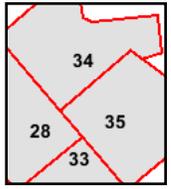
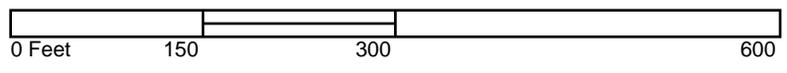
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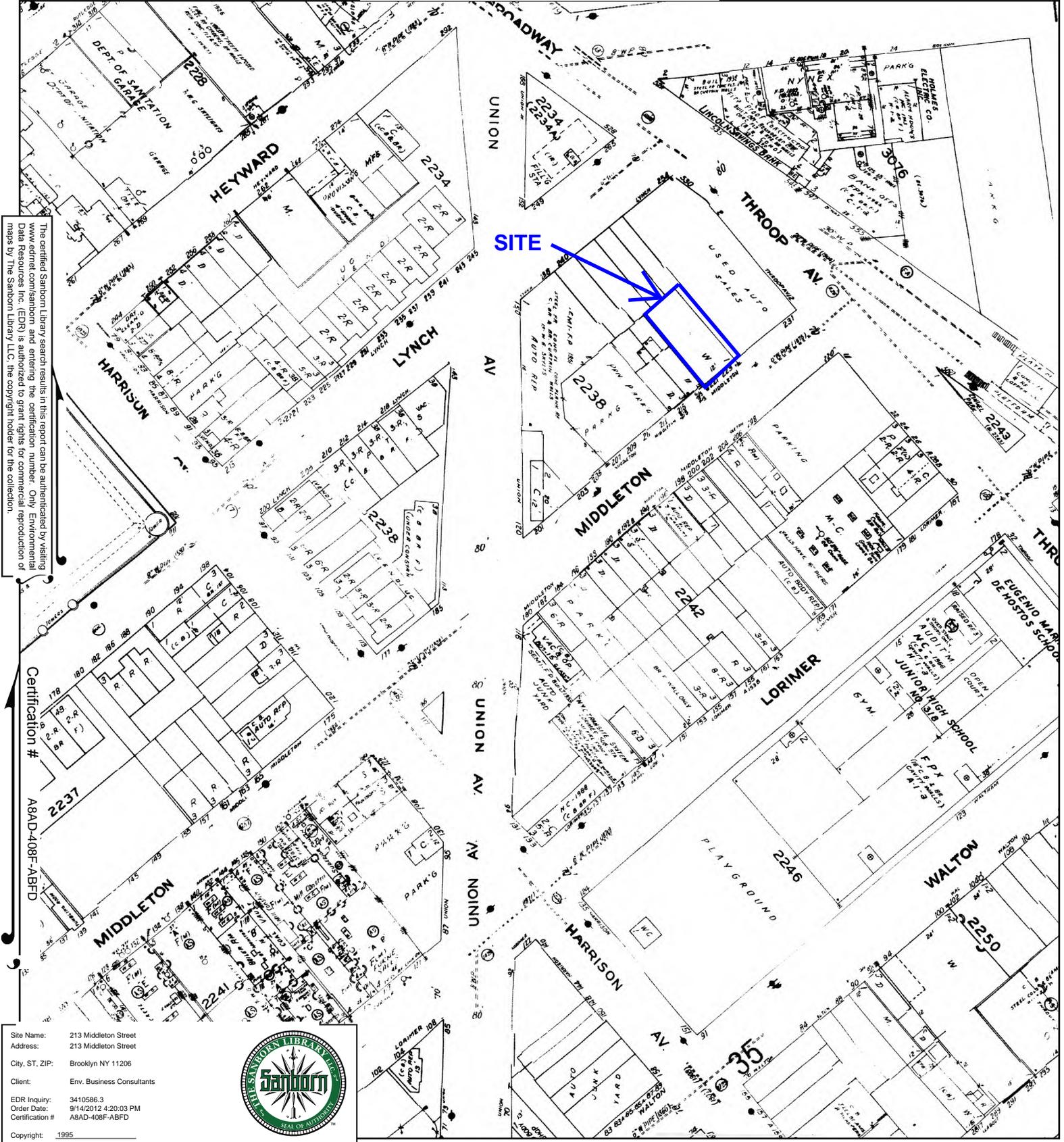
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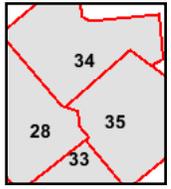
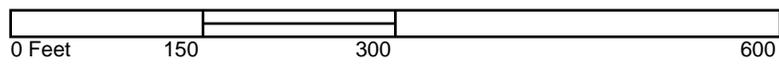
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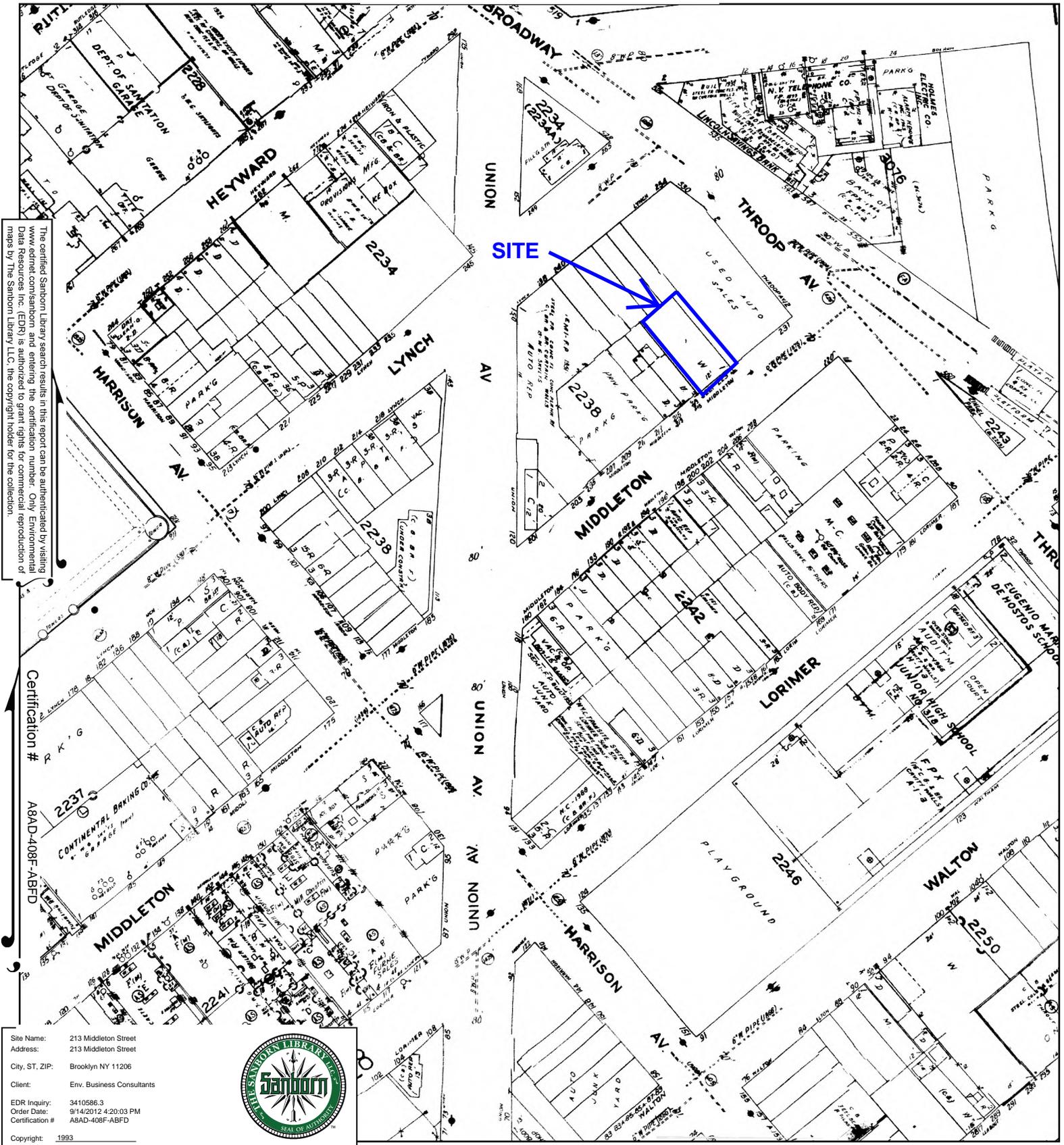
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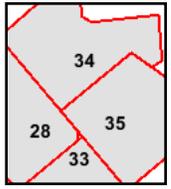
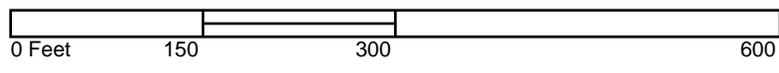
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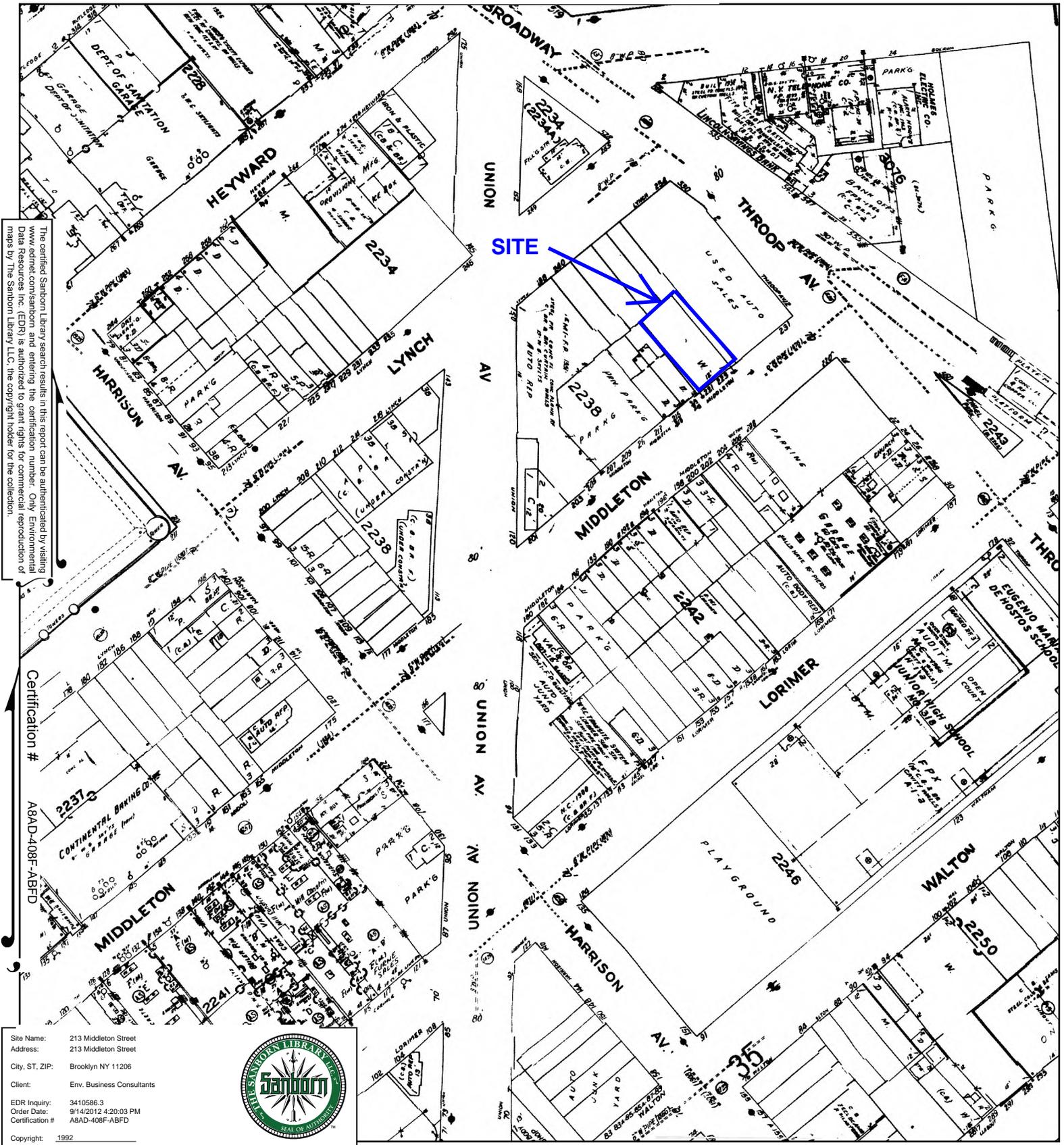
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1992 Certified Sanborn Map



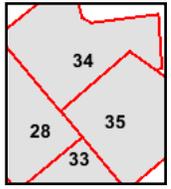
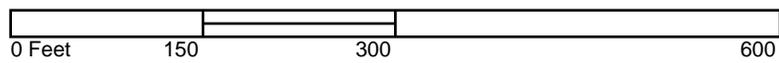
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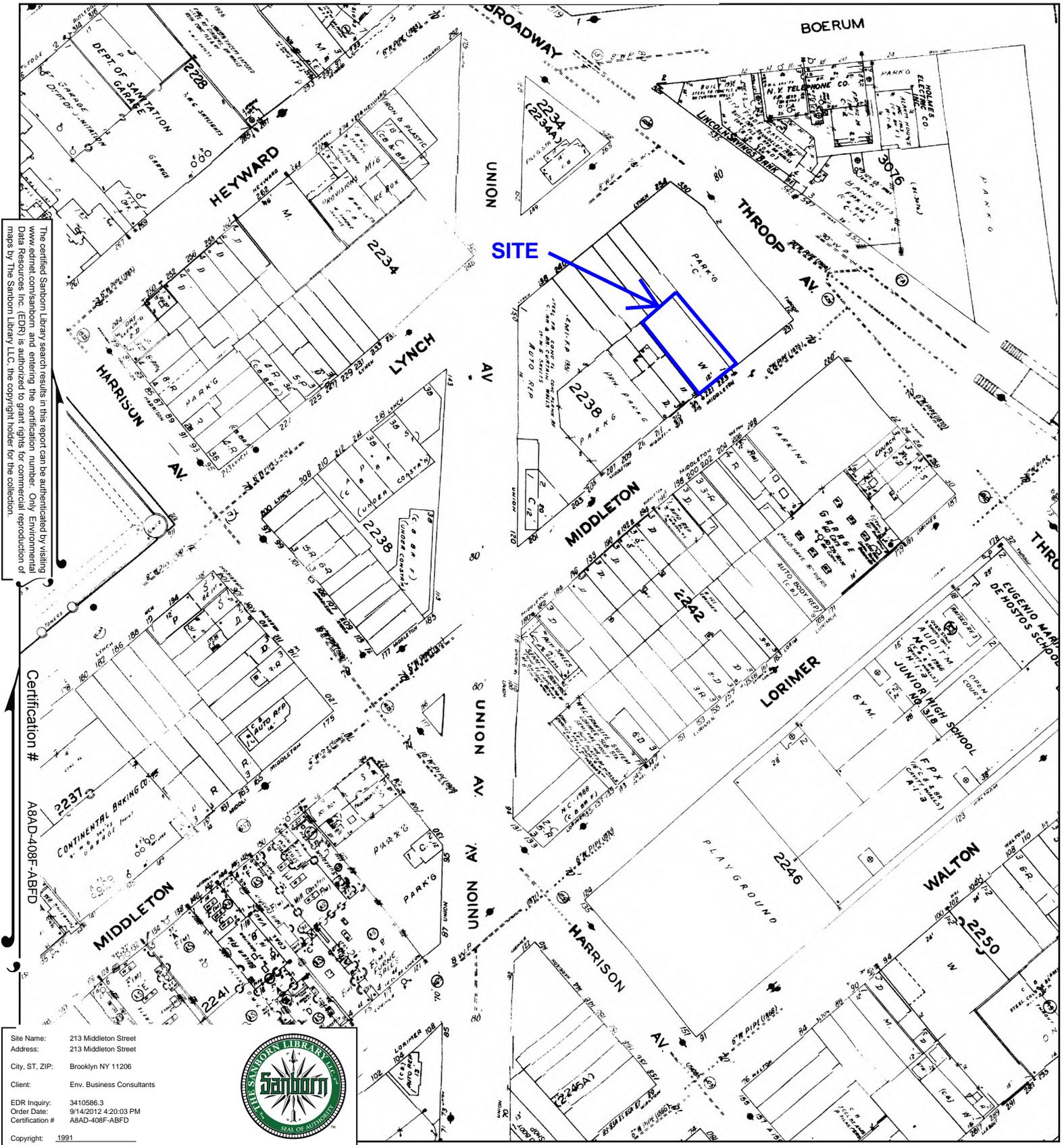
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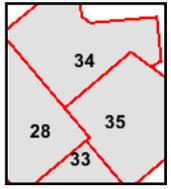
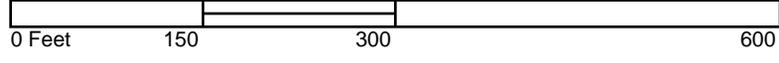
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1991 Certified Sanborn Map



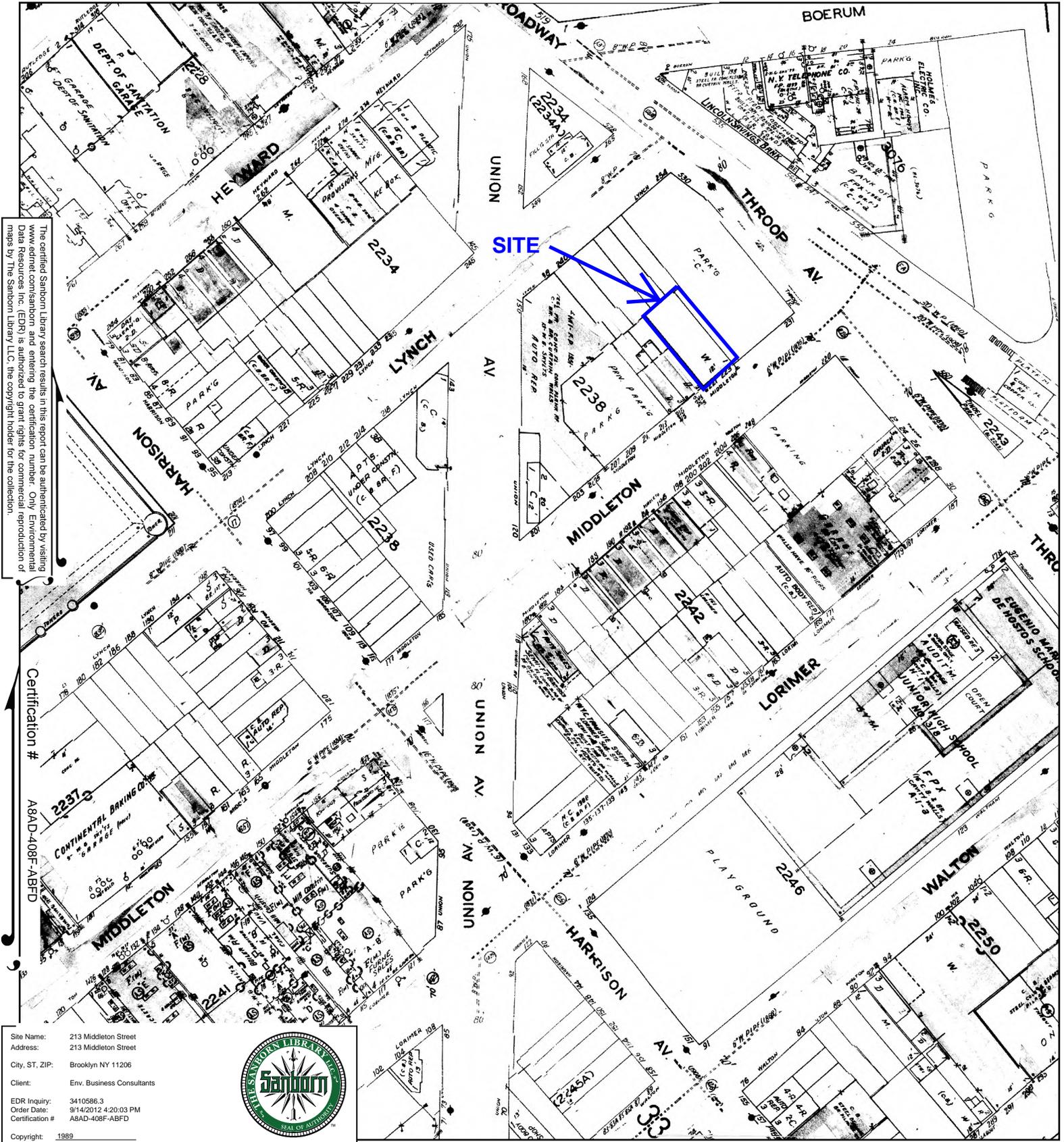
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- Volume 6, Sheet 28



1989 Certified Sanborn Map



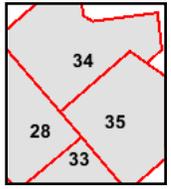
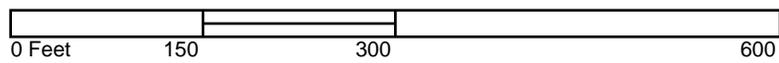
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 Address: 213 Middleton Street
 City, ST, ZIP: Brooklyn NY 11206
 Client: Env. Business Consultants
 EDR Inquiry: 3410586.3
 Order Date: 9/14/2012 4:20:03 PM
 Certification #: A8AD-408F-ABFD
 Copyright: 1989



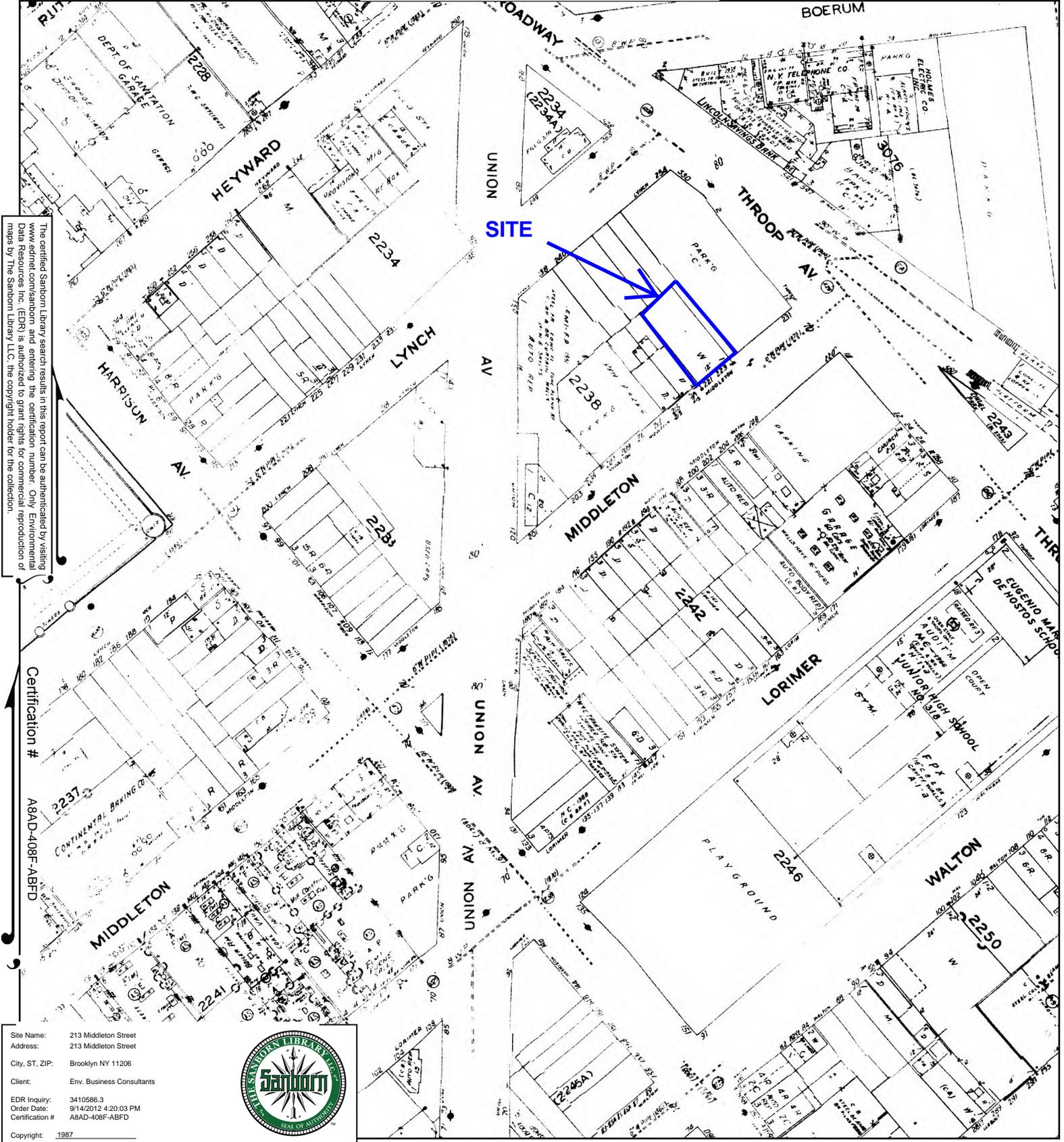
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- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35



1987 Certified Sanborn Map



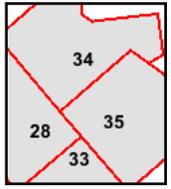
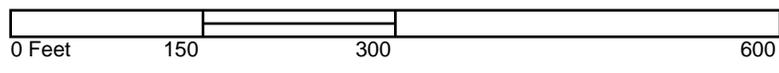
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 Copyright: 1987



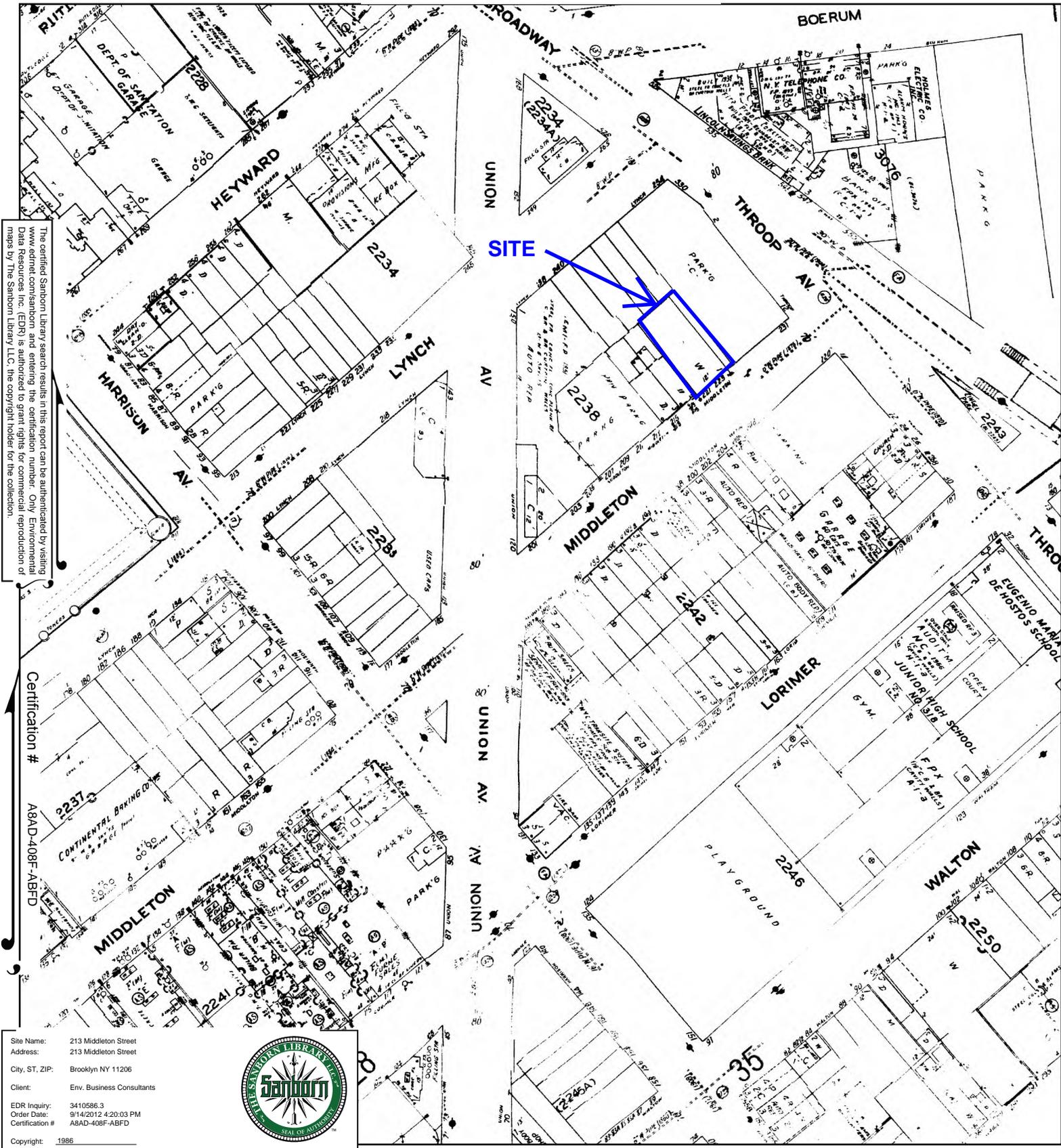
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- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35



1986 Certified Sanborn Map



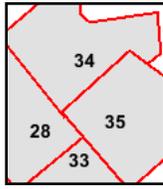
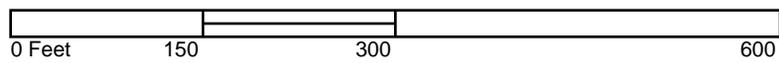
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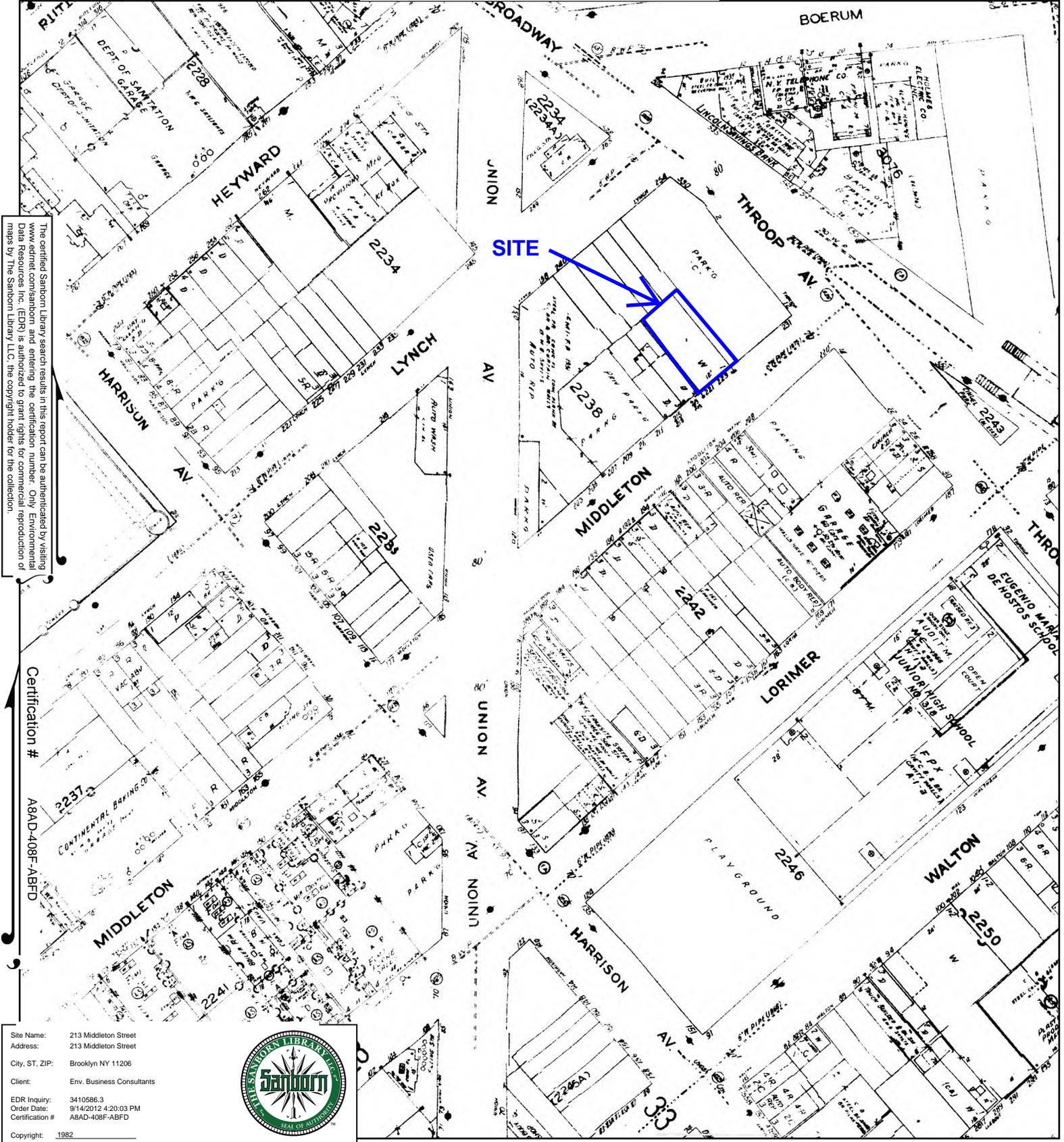
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- Volume 2, Sheet 35
- Volume 2, Sheet 28
- Volume 3, Sheet 28
- Volume 3, Sheet 33
- Volume 3, Sheet 34



1982 Certified Sanborn Map



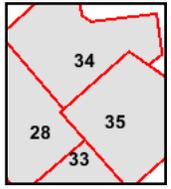
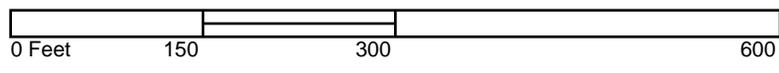
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 Certification #: A8AD-408F-ABFD
 Copyright: 1982



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- Volume 3, Sheet 28
- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35



1981 Certified Sanborn Map

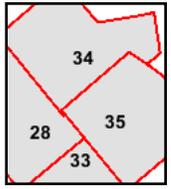
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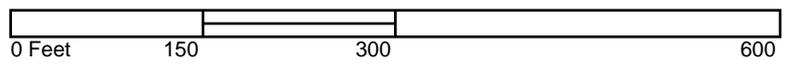
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 Certification #: A8AD-408F-ABFD
 Copyright: 1981



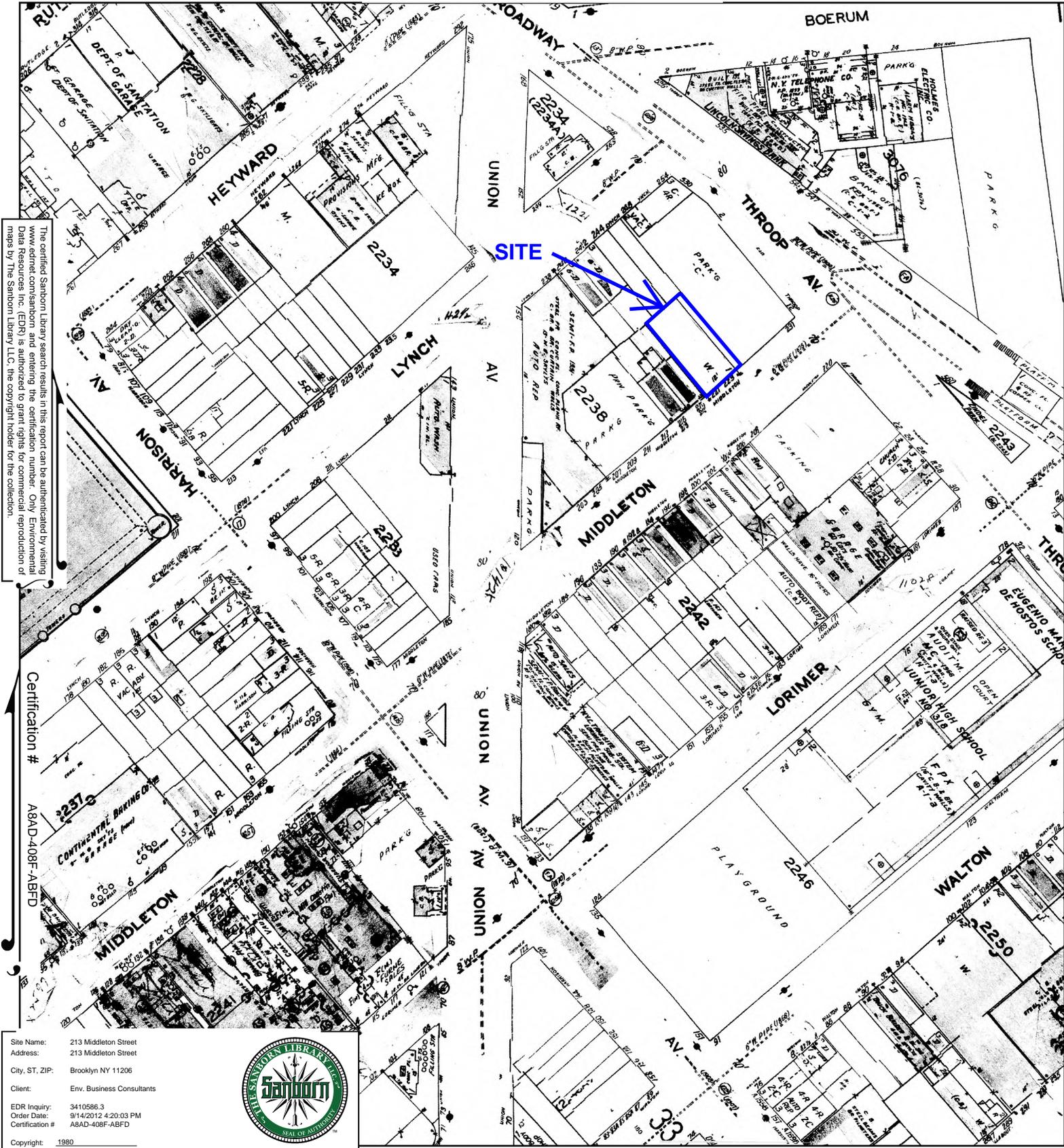
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- Volume 3, Sheet 28
- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35



1980 Certified Sanborn Map



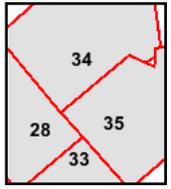
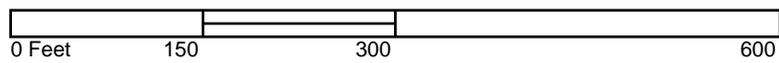
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 City, ST, ZIP: Brooklyn NY 11206
 Client: Env. Business Consultants
 EDR Inquiry: 3410586.3
 Order Date: 9/14/2012 4:20:03 PM
 Certification #: A8AD-408F-ABFD
 Copyright: 1980



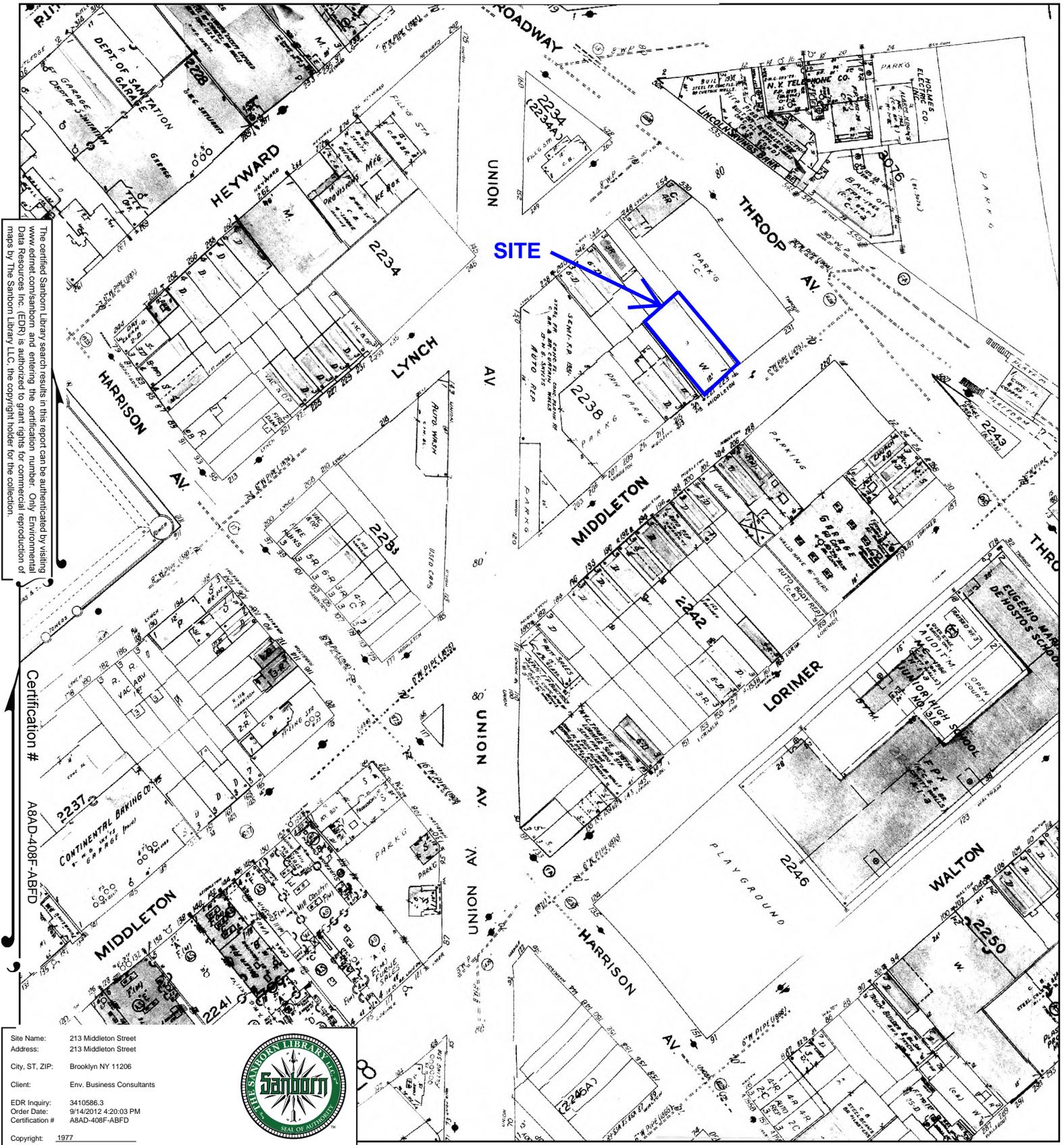
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- Volume 3, Sheet 28
- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35



1977 Certified Sanborn Map



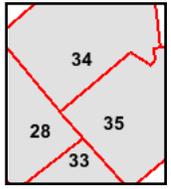
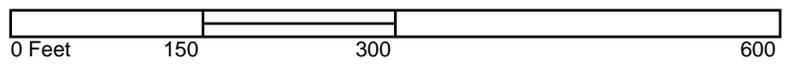
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 Client: Env. Business Consultants
 EDR Inquiry: 3410586.3
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 Copyright: 1977



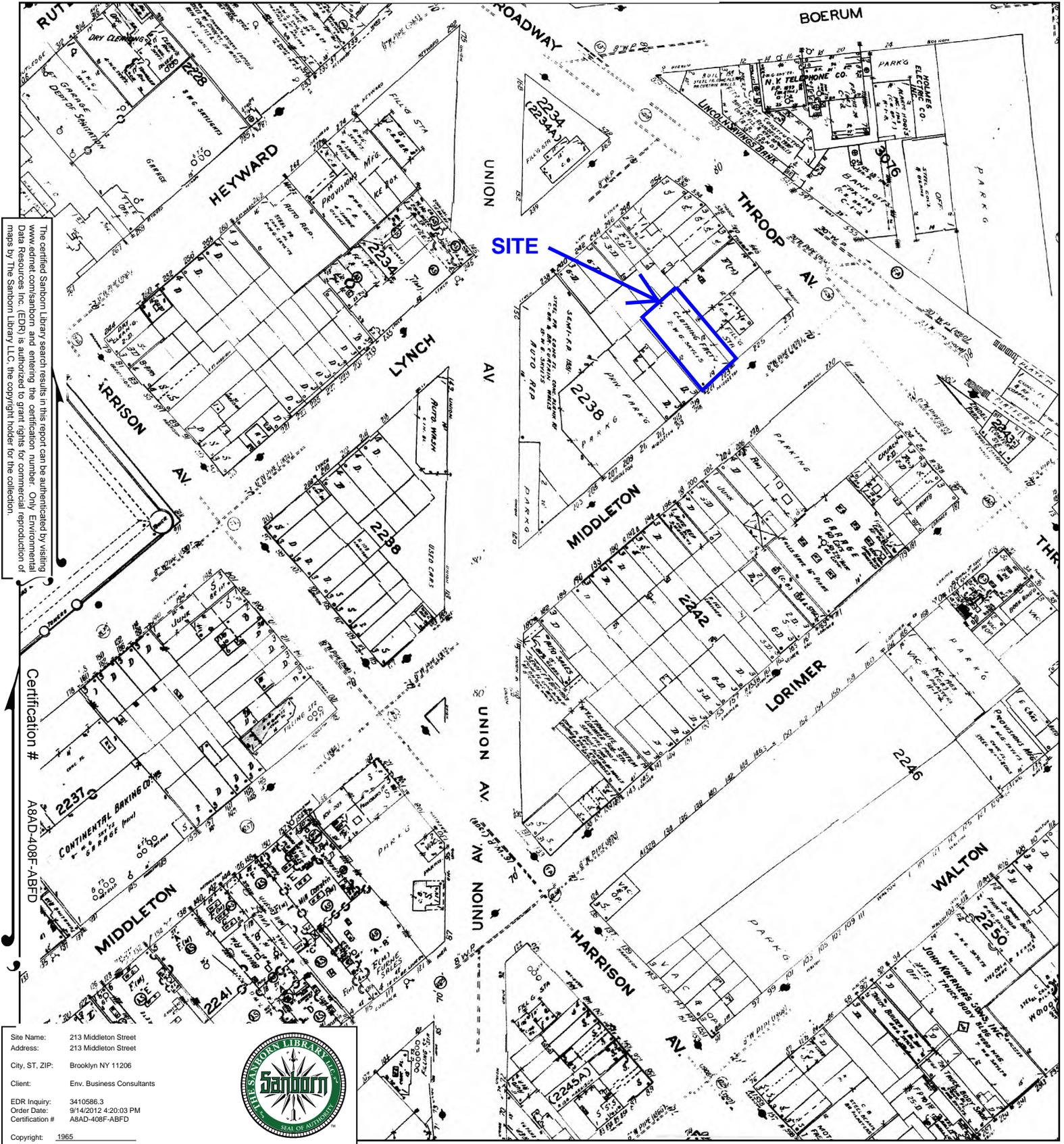
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- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35
- Volume 3, Sheet 28



1965 Certified Sanborn Map



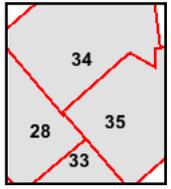
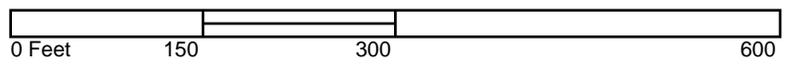
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 Order Date: 9/14/2012 4:20:03 PM
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 Copyright: 1965



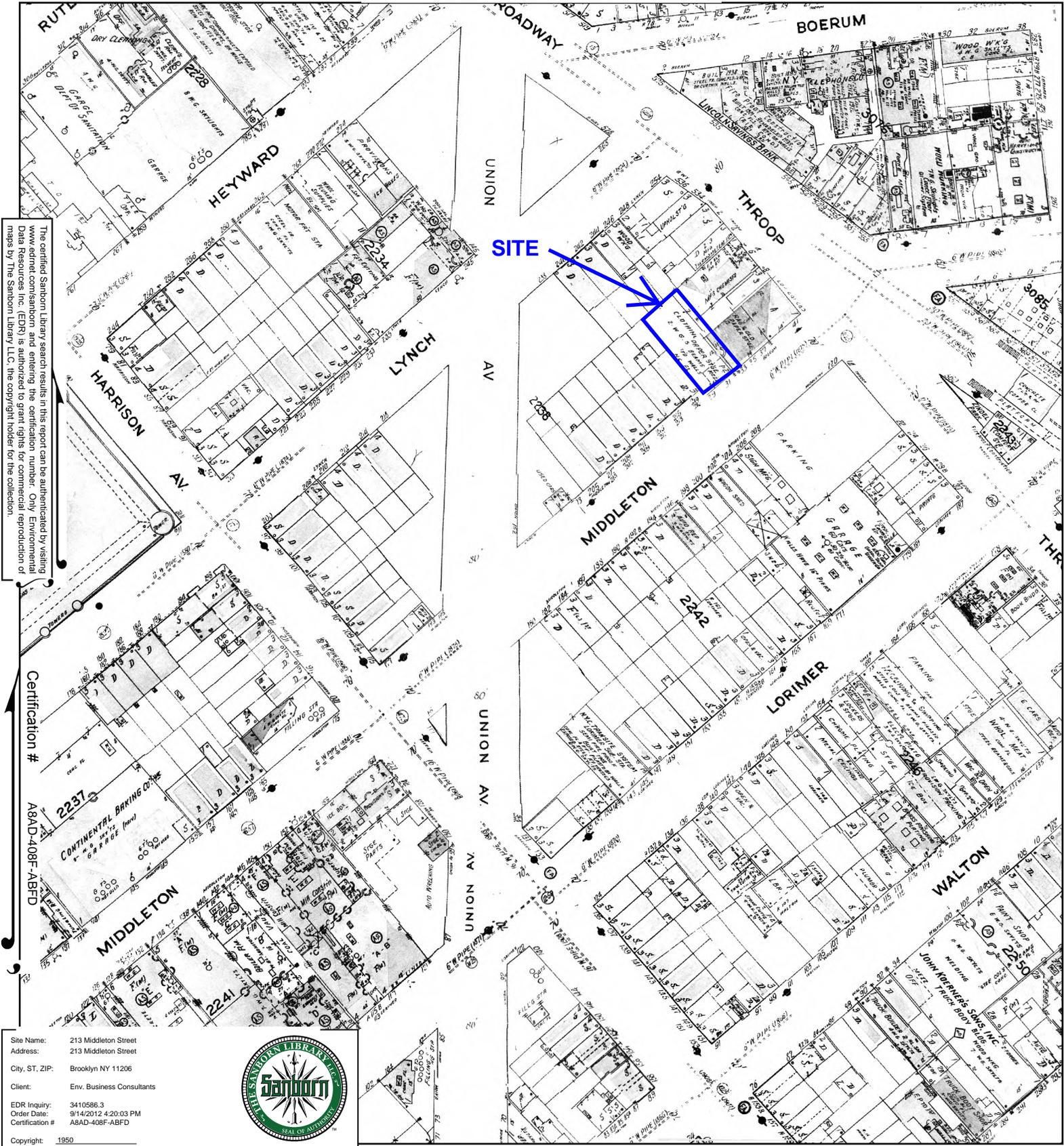
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- Volume 3, Sheet 28
- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35



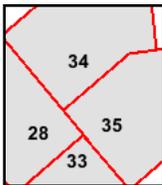
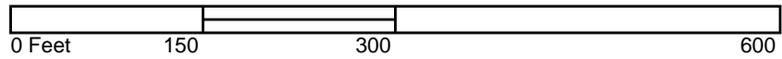
1950 Certified Sanborn Map



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 Client: Env. Business Consultants
 EDR Inquiry: 3410586.3
 Order Date: 9/14/2012 4:20:03 PM
 Certification #: A8AD-408F-ABFD
 Copyright: 1950



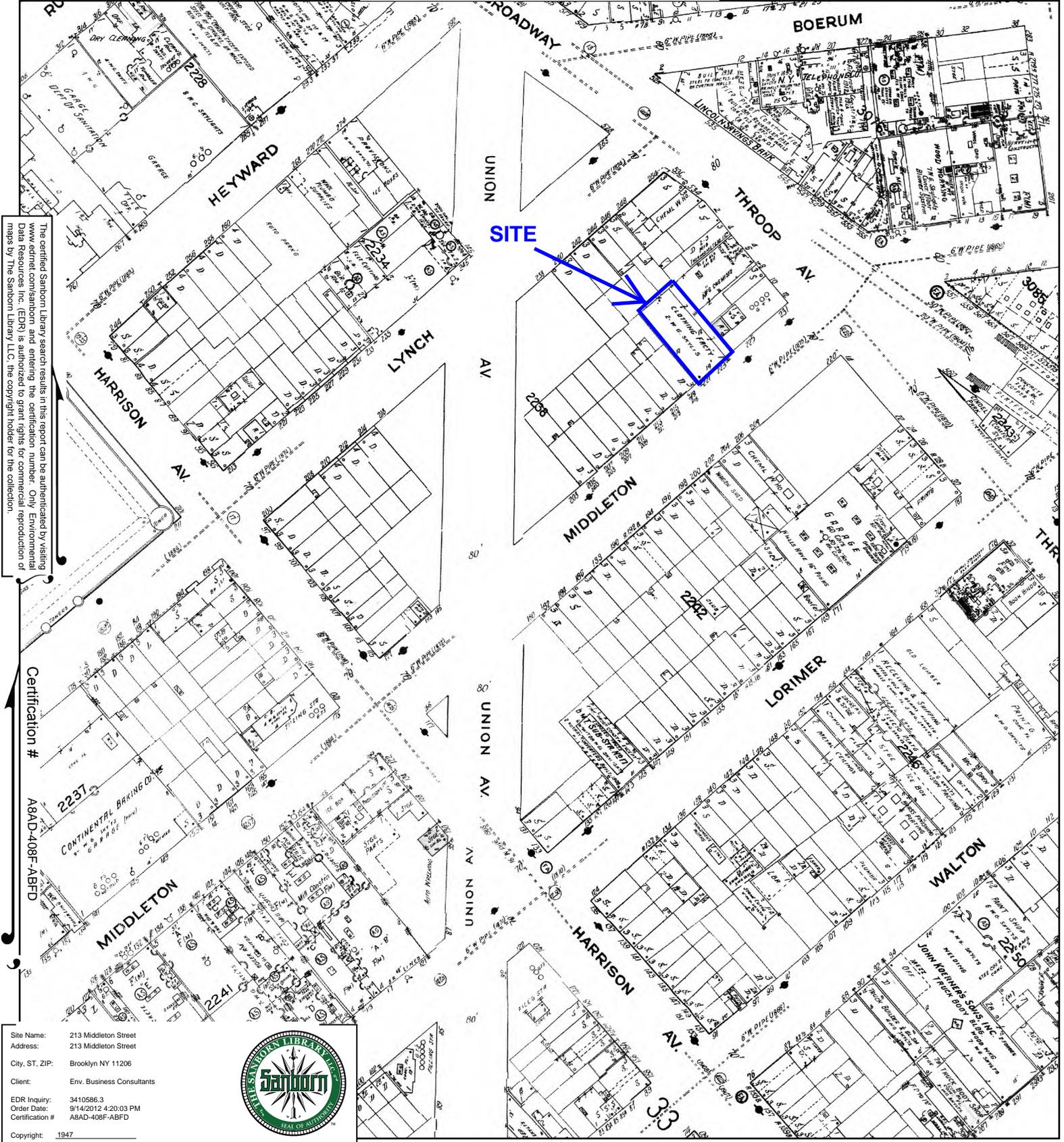
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- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35



1947 Certified Sanborn Map



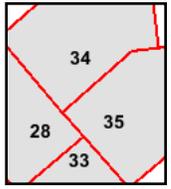
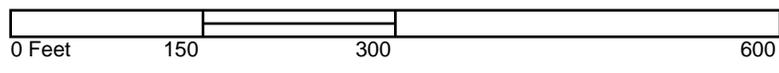
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 EDR Inquiry: 3410586.3
 Order Date: 9/14/2012 4:20:03 PM
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 Copyright: 1947



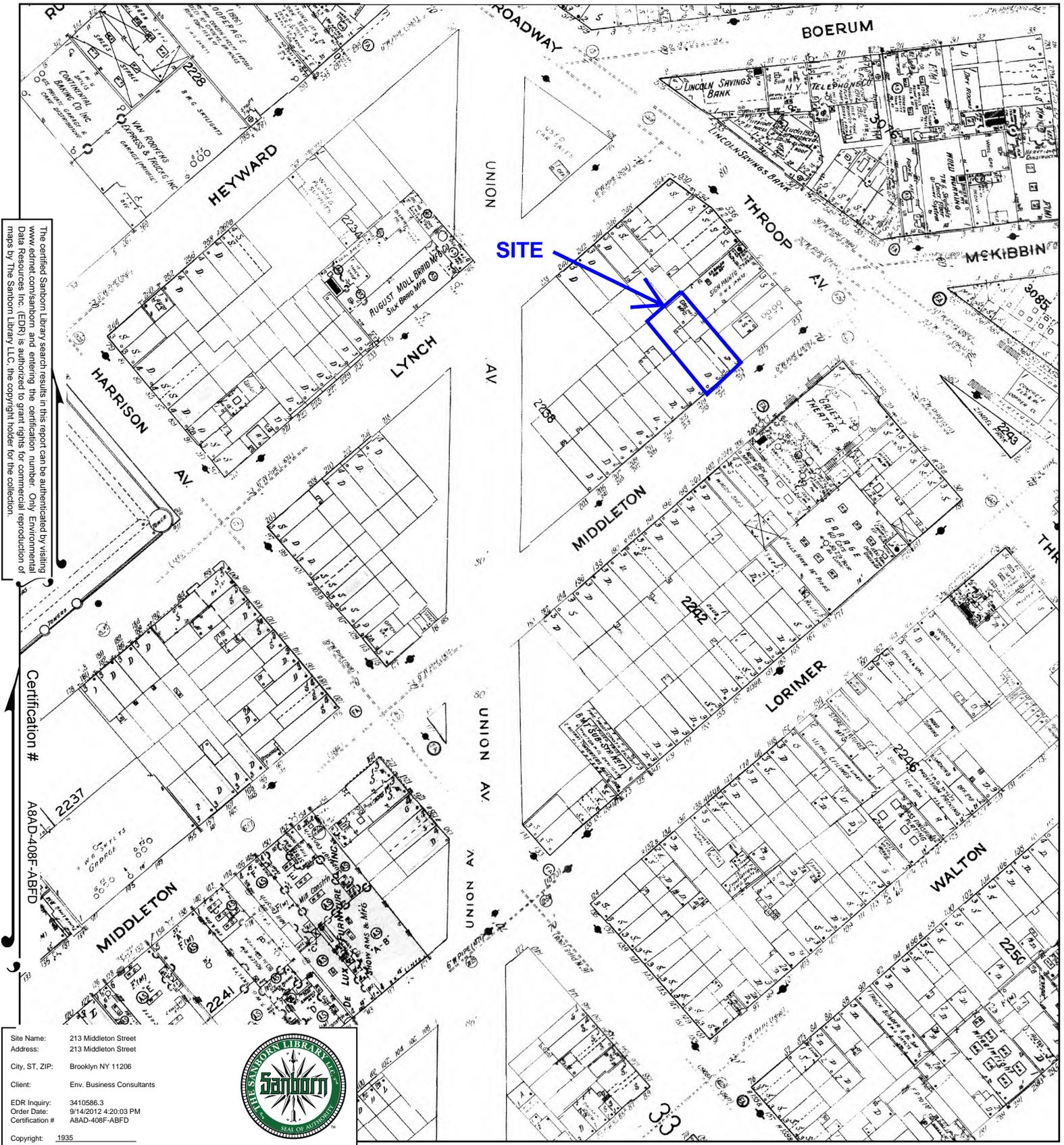
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- Volume 3, Sheet 28
- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35



1935 Certified Sanborn Map



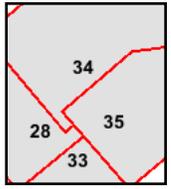
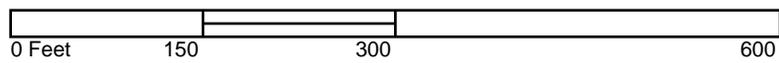
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 EDR Inquiry: 3410586.3
 Order Date: 9/14/2012 4:20:03 PM
 Certification #: A8AD-408F-ABFD
 Copyright: 1935



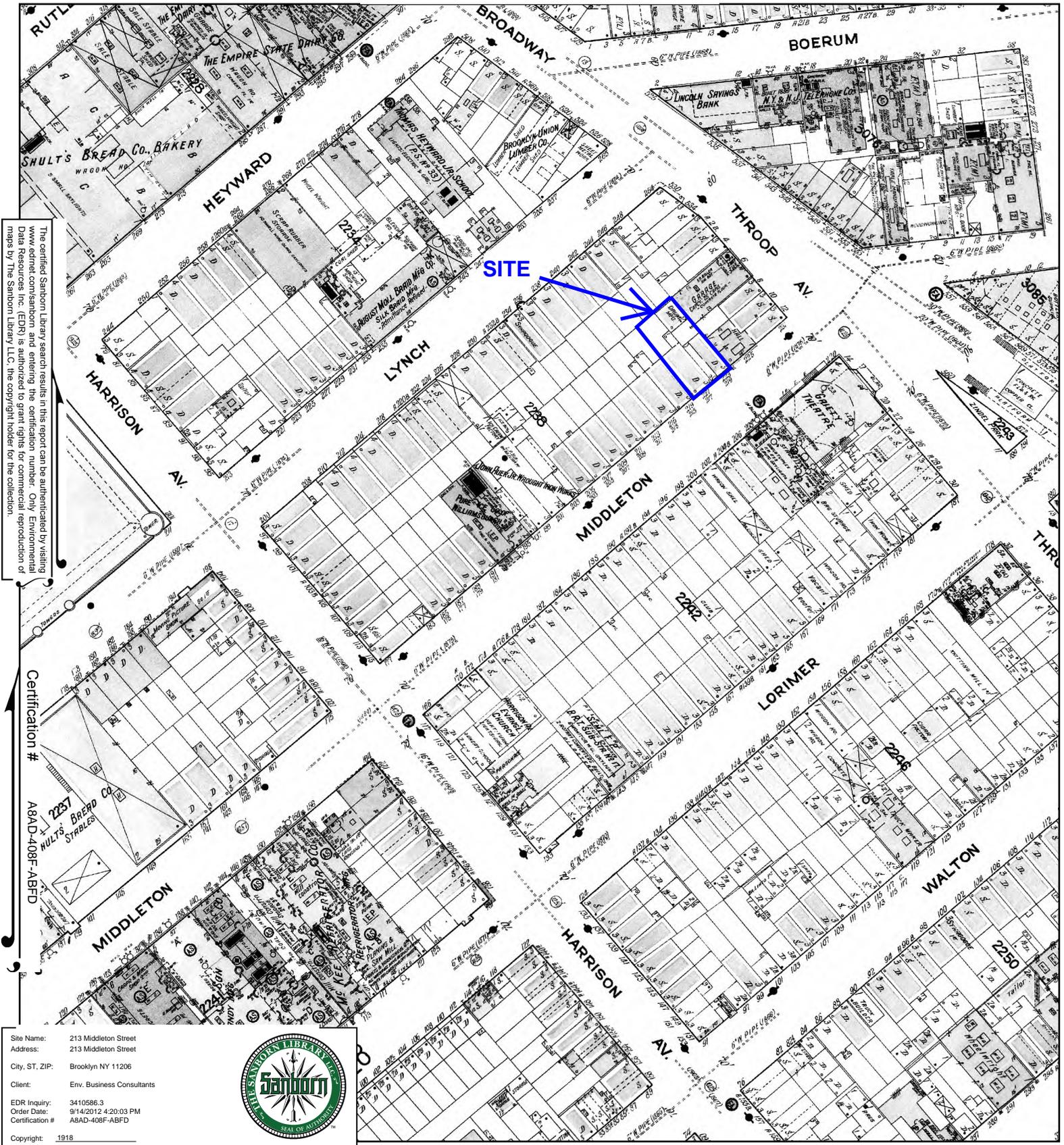
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- Volume 3, Sheet 33
- Volume 3, Sheet 34
- Volume 3, Sheet 35



1918 Certified Sanborn Map

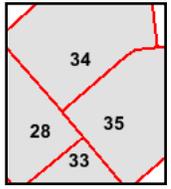
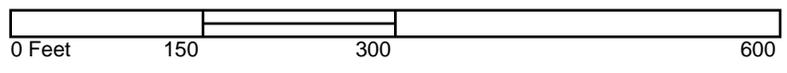


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 Order Date: 9/14/2012 4:20:03 PM
 Certification #: A8AD-408F-ABFD
 Copyright: 1918



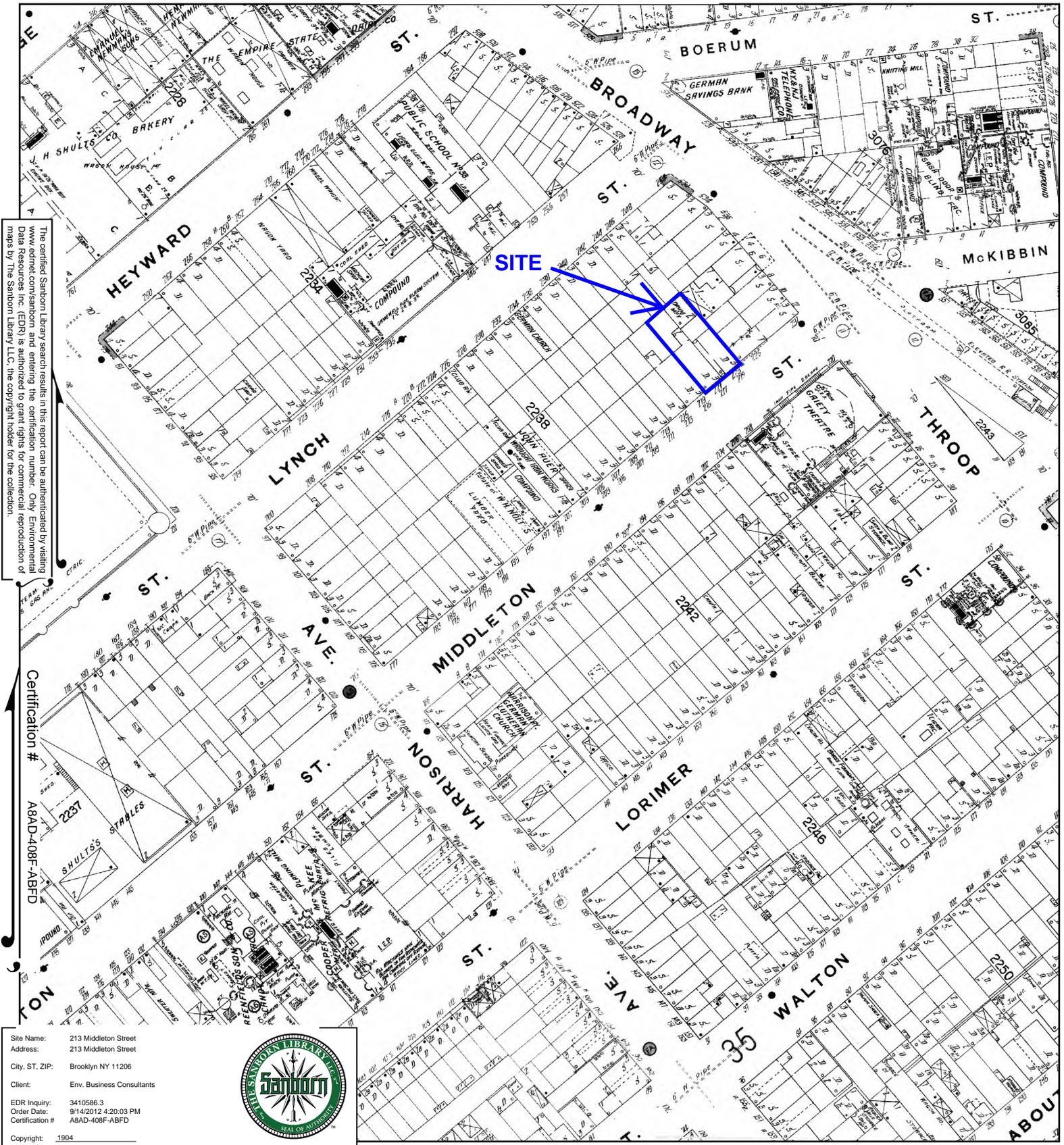
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- Volume 3, Sheet 34
- Volume 3, Sheet 35



1904 Certified Sanborn Map



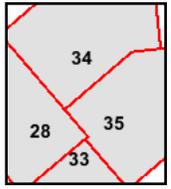
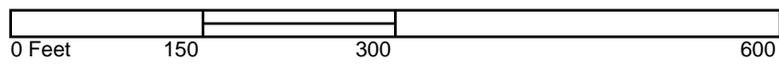
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 Order Date: 9/14/2012 4:20:03 PM
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 Copyright: 1904



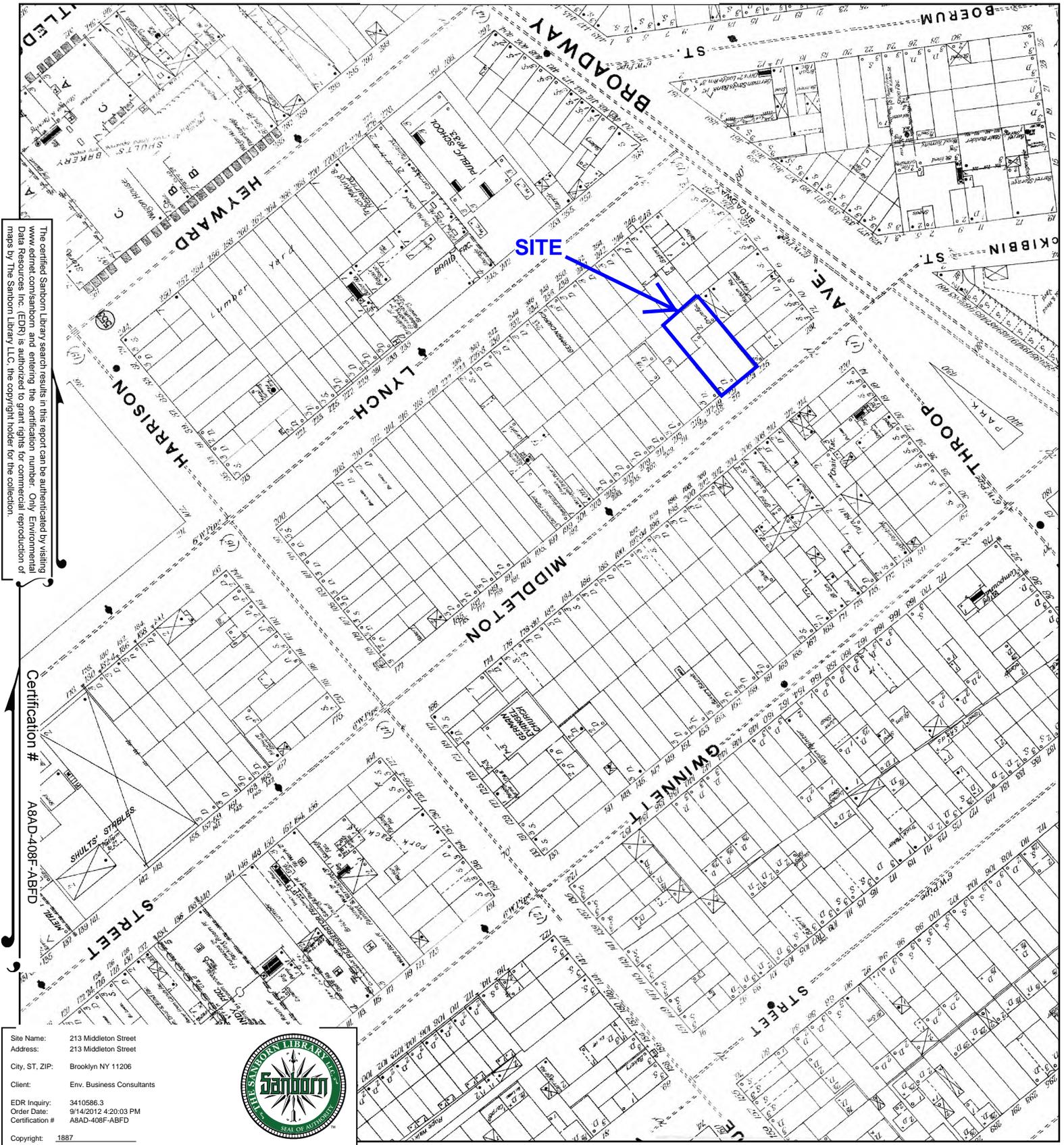
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- Volume 3, Sheet 28
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- Volume 3, Sheet 34
- Volume 3, Sheet 35



1887 Certified Sanborn Map



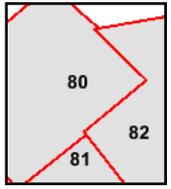
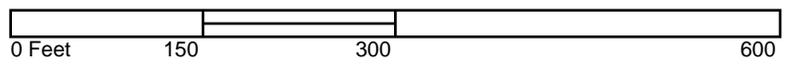
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 Certification #: A8AD-408F-ABFD
 Copyright: 1887



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 3, Sheet 80
 Volume 3, Sheet 81
 Volume 3, Sheet 82



APPENDIX D

HISTORIC CITY DIRECTORY SEARCH

219-223 Middleton Street

221 Middleton Street
Brooklyn, NY 11206

Inquiry Number: 3428553.1
October 09, 2012

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 100 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2012	Cole Information Services	-	-	-	-
2007	Cole Information Services	-	-	-	-
	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Corporation	-	X	X	-
2000	Cole Information Services	X	X	X	-
1997	NYNEX	-	X	X	-
1992	NYNEX Information Resource Co.	X	X	X	-
1985	NYNEX Information Resources Company	X	X	X	-
1980	New York Telephone	-	X	X	-
1976	New York Telephone	X	X	X	-
1973	New York Telephone	-	X	X	-
1970	New York Telephone	-	-	-	-
1965	New York Telephone	-	X	X	-
1960	New York Telephone	-	X	X	-
	New York Telephone Company	-	X	X	-
1949	New York Telephone Company	-	X	X	-
1945	New York Telephone Company	-	X	X	-
1940	New York Telephone Company	-	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1928	New York Telephone	-	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
219 Middleton Street	Client Entered	X
223 Middleton Street	Client Entered	X
530 Broadway	Client Entered	X
6 Throop Avenue	Client Entered	X
532 Broadway	Client Entered	X
208 Middleton Street	Client Entered	
210 Middleton Street	Client Entered	
212 Middleton Street	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

221 Middleton Street
Brooklyn, NY 11206

FINDINGS DETAIL

Target Property research detail.

MIDDLETON

221 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	EASTERN NOODLE CO INC	NYNEX Informantion Resource Co.
1985	BFW INDUSTRIES INC	NYNEX Information Resources Company
1976	BFW INDUSTRIES INC	New York Telephone

MIDDLETON ST

221 MIDDLETON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	EASTERN NDL CO INC	Cole Information Services

FINDINGS

ADJOINING PROPERTY DETAIL

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

Broadway

530 Broadway

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	GIL W	New York Telephone
1973	Torres Mario	New York Telephone
	Five Star Svce Center	New York Telephone
	Restrnt Inc	New York Telephone
1965	Lincoln Bar & Grill	New York Telephone
1960	LINCOLN BAR & GRLIL	New York Telephone
	Lincoln Bar & Gril	New York Telephone Company
1949	Lincoln Bar & Grill	New York Telephone Company
1945	Liebhofer I	New York Telephone Company
1940	Liebhofer I tnsmt	New York Telephone Company
	Williamsburg Tinsmihe Supl Co	New York Telephone Company

BROADWAY

532 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	RUSH HOME REPAIRS INC	Cole Information Services
	BOX LTD	Cole Information Services

Broadway

532 Broadway

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1945	Aetna Prods Co undrgmnts	New York Telephone Company
1928	PRESS	New York Telephone
	HERING JOHN EDITOR	New York Telephone

MIDDLETON

192 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	GALLARDO JONI	NYNEX Informantion Resource Co.

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	SIMON A P	NYNEX Informantion Resource Co.
1985	PICO JOSE	NYNEX Information Resources Company
1960	ANTONMARCHI CHRISTINE MRS STATNRY	New York Telephone
	ANSOUKI RAYMOND	New York Telephone
1934	SCHULMAN HENRY STATIONERY H DO	R. L. Polk & Co.
	LUCAS LOUIS CENTRAL IRON WORKS H	R. L. Polk & Co.
	GELLER ISAAC TAILOR R	R. L. Polk & Co.
	GELLER HARRY H	R. L. Polk & Co.
	FILLARAMO LOUIS IRON WKR H	R. L. Polk & Co.
	FICHARA SALVATORE CHAUF H	R. L. Polk & Co.

194 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	ALCON JOSE	NYNEX Informantion Resource Co.
1985	ALCON JOSE	NYNEX Information Resources Company
1976	SALDANA ALEJANDRINA MRS CACERES LEYDA	New York Telephone New York Telephone
1960	BALLETTA FANNIE J MARTELL JULIO A	New York Telephone New York Telephone
1934	MONTROSS JESSE H OEHLMAN HENRY BKPR H OEHLMAN MARY R SCHNEIDER JOHN H SCHLICHTHORL WM MECH H SCHLICHTHORL ARTH FLORIST R	R. L. Polk & Co. R. L. Polk & Co.

196 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	JOE AUTO COLLISION	New York Telephone
1960	MUSI JOS B GARMARK BODY & FENDER WKS	New York Telephone New York Telephone
1934	WALDMAN SOL CHAUF R WALDMAN IRVING PRINMKR R HEIMOWITZ ANNA R COHEN PAULINE R COHEN LOUIS BAKER H COHEN MURRAY MECHL DENTIST R	R. L. Polk & Co. R. L. Polk & Co.

FINDINGS

198 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	RIVERA SANTO	NYNEX Information Resources Company
1960	LORENZO CARMELO	New York Telephone
	MALINOWSKI ROSE	New York Telephone
	RAMOS ALFONSO	New York Telephone
	LORENZO DOMINGA MRS	New York Telephone
1934	WEINSTEIN NATHAN CLNRS	R. L. Polk & Co.
	GALUSKA CHAS LITHE H	R. L. Polk & Co.
	GALUSKA FRANK CLK R	R. L. Polk & Co.
	GALUSKA TESSIE DANCER R	R. L. Polk & Co.
	TAILOR H	R. L. Polk & Co.
1928	WEISS ROSE MISS R	New York Telephone

200 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	PAZ JOSEFA VASQUEZ	NYNEX Informantion Resource Co.
	DE DIOS MARIA	NYNEX Informantion Resource Co.
	MARQUEZ HIPOLITO	NYNEX Informantion Resource Co.
1985	DEDIOS MARIA	NYNEX Information Resources Company
1960	DONADIO PASQUALE	New York Telephone
1934	COHEN RUDOLPH TAILOR H	R. L. Polk & Co.
	JICHA GUSTAV RADIO WKR H	R. L. Polk & Co.
	VOGEL FREDK STUDENT R	R. L. Polk & Co.
	VOGEL SAML PNTR H	R. L. Polk & Co.

202 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	AMCO BRASS & STEEL SUPL	New York Telephone

204 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	SIERRA PABLO	NYNEX Informantion Resource Co.
	SIERRA PABLO	NYNEX Informantion Resource Co.
	CORTES ANTONIO	NYNEX Informantion Resource Co.
1985	SIERRA PABLO	NYNEX Information Resources Company
	DELGADO ANDRE	NYNEX Information Resources Company
1976	RODRIGUEZ CARMEN MRS	New York Telephone
	RODRIQUEZ LOUIS	New York Telephone
1960	NIEZES NEMESIO	New York Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	RAMOS NICOLAS	New York Telephone
1934	BLACKMAN HARRY BAKER R	R. L. Polk & Co.
	BLACKMAN NATHAN CLK R	R. L. Polk & Co.
	BLACKMAN HARRY BAKER R	R. L. Polk & Co.
	BLACKMAN NATHAN CLK R	R. L. Polk & Co.
	GENN CELIA STUDENT R	R. L. Polk & Co.
	GENN LOUIS PLMBR R	R. L. Polk & Co.
	LENTINA RALPH LAH H	R. L. Polk & Co.
	SALMONSON ALBERT RADIO WKR R	R. L. Polk & Co.
	SALMONSON REBECCA H	R. L. Polk & Co.
	SALMONSON SAML MSNGR R	R. L. Polk & Co.
	SALMONSON WM ACCT R	R. L. Polk & Co.
	BARCHESKI PETER RR WKR H	R. L. Polk & Co.

206 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	MICHAEL STUART CO	NYNEX Information Resources Company
1976	AUSTIN CUSTOM INTERIORS	New York Telephone
1960	ROYAL NEON SIGNS	New York Telephone
1934	GORDON SAML GARAGE WKR H	R. L. Polk & Co.

215 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1992	TORRES RAFAEL	NYNEX Informantion Resource Co.
	CORTEZ ALICIA	NYNEX Informantion Resource Co.
1985	CORTEZ N	NYNEX Information Resources Company
	ANGLERO PEDRO	NYNEX Information Resources Company
1980	ANGLERO PEDRO	New York Telephone
1960	DELIO MAE A	New York Telephone
1934	PALOA PASQUALE LAB H	R. L. Polk & Co.
	BORES CHAS JR SHIP CLK R	R. L. Polk & Co.
	BORES CHAS DYE STR H	R. L. Polk & Co.
	AQUANNO ANGELINA MRS SMSTRS H	R. L. Polk & Co.
	AQUANNO JOS MSNGR R	R. L. Polk & Co.
	AQUANNO MARIA BAKER R	R. L. Polk & Co.
1928	KALINOWSKI ALBERT R	New York Telephone

FINDINGS

217 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	STEINHARDT SOPHIA MRS H	R. L. Polk & Co.
	STEINHARDT JOHN PNTR R	R. L. Polk & Co.
	STEINHARDT GEO PORTER R	R. L. Polk & Co.
	CACACHE LUIGI PNTR R	R. L. Polk & Co.
	REGGIS ALF MACH H	R. L. Polk & Co.
	SEEBECK MADELINE H	R. L. Polk & Co.
	MASSAR	R. L. Polk & Co.

219 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	WART H	R. L. Polk & Co.
	WELLS S & SON MFR DRUMS	R. L. Polk & Co.
1928	WELLS S SON DRUMS	New York Telephone
	MATTHEWS ROSE M R	New York Telephone

223 MIDDLETON

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	KENMORE COAT CO	New York Telephone

MIDDLETON AVE

196 MIDDLETON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	COHEN MORRIS GRO	R. L. Polk & Co.

MIDDLETON ST

192 MIDDLETON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Family Store oi	Hill-Donnelly Corporation
2000	ATLIXCO DLS FLRS	Cole Information Services
	3R IRIS ARCE	Cole Information Services
1997	GALLARDO Joni	NYNEX
	ARCE Iris	NYNEX

194 MIDDLETON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Reyes Elias	Hill-Donnelly Corporation
	Reyes Miriam	Hill-Donnelly Corporation

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	JOSE ALCON	Cole Information Services

196 MIDDLETON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	ESPINAL AUTO RPR	Cole Information Services
1997	Espinal Auto Repair	NYNEX
	Espinal Auto Repair	NYNEX

198 MIDDLETON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	H Tennenbaum Shragga	Hill-Donnelly Corporation
	Landau M	Hill-Donnelly Corporation
	Goldberger Chaim	Hill-Donnelly Corporation
	Goldberger Chalm	Hill-Donnelly Corporation
	h Goldberger Chaim	Hill-Donnelly Corporation
2000	SHRAGGA TENNENBAUM	Cole Information Services
	MOSES GOLDRINGER	Cole Information Services
	3 SARA GOLDBERGER	Cole Information Services
	APARTMENTS	Cole Information Services
1997	VARGAS Elfega	NYNEX
	GALLARDO Elman	NYNEX

200 MIDDLETON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Braver Yisroel	Hill-Donnelly Corporation
	Eigner Solomon	Hill-Donnelly Corporation
	Lemer Chana	Hill-Donnelly Corporation
	Ueberman Amron	Hill-Donnelly Corporation
2000	VALOY GARCIA	Cole Information Services
	JENNY PASTOR	Cole Information Services
1997	PAZMINO Elsa	NYNEX

204 MIDDLETON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Cruz Pantaleon Norma	Hill-Donnelly Corporation
	Lazaro Jorge	Hill-Donnelly Corporation
	h Sabio Teresa	Hill-Donnelly Corporation
	h Salas Pedro	Hill-Donnelly Corporation
	Sierra R	Hill-Donnelly Corporation
2000	PABLO SIERRA	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	APARTMENTS	Cole Information Services
	3L JORGE LAZARO	Cole Information Services
	TERASA SABIO	Cole Information Services
	PEDRO SALAS	Cole Information Services
1997	LAZARO Jorge	NYNEX
	SIERRA Pablo	NYNEX

206 MIDDLETON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1997	Shmiras Shabes Publishing	NYNEX

215 MIDDLETON ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Glauber Zaien	Hill-Donnelly Corporation
	Number3 H Landau R	Hill-Donnelly Corporation
	Number1 h Meisels Rivka	Hill-Donnelly Corporation
	Meisels Zalmen	Hill-Donnelly Corporation
	Number3 H Salamon Gabriel	Hill-Donnelly Corporation
	Stelner Gabrielle	Hill-Donnelly Corporation
	h Freund Malka	Hill-Donnelly Corporation
	Multi Unit Address	Hill-Donnelly Corporation
1997	VASQUEZ Lorida	NYNEX
	AMAYA Rosa Marina	NYNEX

Middleton Street

219 Middleton Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1934	WART H	R. L. Polk & Co.
	WELLS S & SON MFR DRUMS	R. L. Polk & Co.
1928	WELLS S SON DRUMS	New York Telephone
	MATTHEWS ROSE M R	New York Telephone

223 Middleton Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	KENMORE COAT CO	New York Telephone

FINDINGS

Throop Avenue

6 Throop Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	Schwartz Johanan	Hill-Donnelly Corporation

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched

221 Middleton Street

Address Not Identified in Research Source

2012, 2007, 2005, 1997, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

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

192 MIDDLETON

192 MIDDLETON ST

194 MIDDLETON

194 MIDDLETON ST

196 MIDDLETON

196 MIDDLETON AVE

196 MIDDLETON ST

198 MIDDLETON

198 MIDDLETON ST

200 MIDDLETON

200 MIDDLETON ST

202 MIDDLETON

204 MIDDLETON

204 MIDDLETON ST

206 MIDDLETON

206 MIDDLETON ST

208 Middleton Street

Address Not Identified in Research Source

2012, 2007, 2005, 2000, 1997, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1928

2012, 2007, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1980, 1973, 1970, 1965, 1949, 1945, 1940, 1928

2012, 2007, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1949, 1945, 1940, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 2005, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940

2012, 2007, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1928

2012, 2007, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1980, 1973, 1970, 1965, 1949, 1945, 1940, 1928

2012, 2007, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1980, 1973, 1970, 1965, 1949, 1945, 1940, 1928

2012, 2007, 2005, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched

210 Middleton Street

212 Middleton Street

215 MIDDLETON

215 MIDDLETON ST

217 MIDDLETON

219 MIDDLETON

219 Middleton Street

223 MIDDLETON

223 Middleton Street

530 Broadway

532 Broadway

532 BROADWAY

6 Throop Avenue

Address Not Identified in Research Source

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1976, 1973, 1970, 1965, 1949, 1945, 1940

2012, 2007, 2000, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1970, 1934, 1928

2012, 2007, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1940, 1934

2012, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

2012, 2007, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

APPENDIX E

EDR RADIUS MAP REPORT

213 Middleton Street

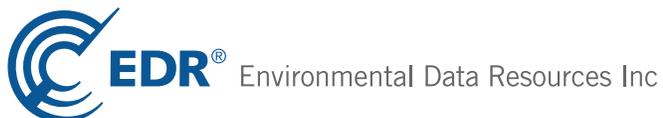
213 Middleton Street

Brooklyn, NY 11206

Inquiry Number: 3410586.2s

September 14, 2012

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	825
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	A-87

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

213 MIDDLETON STREET
BROOKLYN, NY 11206

COORDINATES

Latitude (North): 40.7037000 - 40° 42' 13.32"
Longitude (West): 73.9500000 - 73° 57' 0.00"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 588704.0
UTM Y (Meters): 4506184.5
Elevation: 16 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 40073-F8 BROOKLYN, NY
Most Recent Revision: 1995

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

VAPOR REOPENED..... Vapor Intrusion Legacy Site List

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

SWF/LF..... Facility Register

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Registry of Engineering Controls
INST CONTROL..... Registry of Institutional Controls
RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

State and tribal Brownfields sites

ERP..... Environmental Restoration Program Listing
BROWNFIELDS..... Brownfields Site List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
SWTIRE..... Registered Waste Tire Storage & Facility List
SWRCY..... Registered Recycling Facility List
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
DEL SHWS..... Delisted Registry Sites
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST AST..... Historical Petroleum Bulk Storage Database

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
LIENS..... Spill Liens Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

EXECUTIVE SUMMARY

SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Control Wells
DRYCLEANERS.....	Registered Drycleaners
NPDES.....	State Pollutant Discharge Elimination System
AIRS.....	Air Emissions Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
2020 COR ACTION.....	2020 Corrective Action Program List
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
COAL ASH.....	Coal Ash Disposal Site Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
PRP.....	Potentially Responsible Parties

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/28/2011 has revealed that there are 2 CERC-NFRAP sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>SLATTERY STOVE SITE</i>	<i>171-187 WALLABOUT ST</i>	<i>SW 1/4 - 1/2 (0.296 mi.)</i>	<i>157</i>	<i>701</i>
<i>BORDEN CHEMICAL ADHESIVES & CH</i>	<i>56 NOSTRAND AVE</i>	<i>SSW 1/4 - 1/2 (0.423 mi.)</i>	<i>AG166</i>	<i>747</i>

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 08/19/2011 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PFIZER INC	13 BARTLETT ST	SSE 1/4 - 1/2 (0.262 mi.)	153	631
TECHTRONICS ECOLOGICAL CORP	8 WALWORTH ST	SW 1/4 - 1/2 (0.410 mi.)	163	718

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/15/2012 has revealed that there are 3 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYC BD OF ED - I.S. 71 K	215 HEYWARD ST	W 1/8 - 1/4 (0.170 mi.)	U103	399
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BAIS RUCHEL HIGH SCHOOL INC	177 HARRISON AVE	SSE 1/8 - 1/4 (0.181 mi.)	W107	419
CON EDISON - MANHOLE 56039	13 WALTON ST	SSW 1/8 - 1/4 (0.237 mi.)	AE149	621

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/15/2012 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYS ARMORY	355 MARCY AVE	WSW 1/8 - 1/4 (0.186 mi.)	X112	456
WALGREENS #04363	210 UNION AVE	N 1/8 - 1/4 (0.208 mi.)	Y133	541
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYCT - BROADWAY-LORIMER SUBSTA	143 LORIMER ST	SSE 0 - 1/8 (0.052 mi.)	C18	72
ARLINGTON PRESS-191 HARRISON A	191 HARRISON AVE	SSE 1/8 - 1/4 (0.223 mi.)	AB144	580

EXECUTIVE SUMMARY

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/15/2012 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON	LORIMER ST & BROADWAY	ENE 0 - 1/8 (0.115 mi.)	I60	223
CAS DEVELOPERS LLC	70 UNION AVENUE	S 1/8 - 1/4 (0.128 mi.)	O76	278
LUDWIG INDUSTRIES INC	133 MIDDLETON ST	SW 1/8 - 1/4 (0.132 mi.)	P78	285
PFIZER INC BROOKLYN PLANT	73 GERRY ST	SE 1/8 - 1/4 (0.206 mi.)	AA126	517

State- and tribal - equivalent CERCLIS

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

A review of the SHWS list, as provided by EDR, and dated 05/21/2012 has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NAVAL STATION-BROOKLYN, TRANSF Class Code: Site properly closed, no evidence of present or potential adverse impact - no further action is required.	FLUSHING AVENUE	WSW 1/2 - 1 (0.913 mi.)	185	822

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BQE/ANSBACHER COLOR & DYE FACT Class Code: Does not present a significant threat to the public health or the environment - action may be deferred.	MEEKER AVENUE	NNW 1/2 - 1 (0.761 mi.)	183	820

State and tribal leaking storage tank lists

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 05/22/2012 has revealed that there are 27 LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ENGINE CO. 216/LADD. CO. 108 F Date Closed: 1/13/2005	187 UNION AVENUE	N 1/8 - 1/4 (0.154 mi.)	R86	304

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYC DDC Date Closed: 6/23/2008 Date Closed: 3/2/2005 <i>*Additional key fields are available in the Map Findings section</i>	306 RUTLEDGE ST	NW 1/8 - 1/4 (0.154 mi.)	Q88	313
JOHNSON AVE. & BROADWAY Date Closed: 8/13/1993	JOHNSON AVE AND BROADWAY	WNW 1/8 - 1/4 (0.156 mi.)	96	376
UNITED STATES ARMORY Date Closed: 10/7/1992	355 MARCY AVE	WSW 1/8 - 1/4 (0.186 mi.)	X110	443
90 PRECINCT NYPD -DDC Date Closed: 1/10/2005	209 UNION AVENUE	N 1/8 - 1/4 (0.203 mi.)	Y118	474
209 UNION AVENUE Date Closed: 5/18/1995	209 UNION AVE - 90TH PC	N 1/8 - 1/4 (0.219 mi.)	Y142	575
442 5TH ST Date Closed: 10/10/1991	442 5TH ST	NNW 1/8 - 1/4 (0.234 mi.)	147	617
GULF STATION 70227 TTF	189 PENN. AVE	W 1/4 - 1/2 (0.309 mi.)	158	706
CLOSED-LACKOF RECENT INFO Date Closed: 3/4/2003	113 THROOP AVE	SE 1/4 - 1/2 (0.338 mi.)	159	707
35 GRAHM AVE. Date Closed: 5/19/1993	35 GRAHM AVE.	ESE 1/4 - 1/2 (0.407 mi.)	162	715
MOST HOLY TRINITY RESIDENCE Date Closed: 8/25/2006	157 GRAHAM AVE	NE 1/4 - 1/2 (0.434 mi.)	167	749
MARCY HOUSES Date Closed: 12/11/2007 Date Closed: 12/9/2005 <i>*Additional key fields are available in the Map Findings section</i>	603 PARK AVE	S 1/4 - 1/2 (0.445 mi.)	AH168	754
MARCIE HOUSES - BLDG 9 Date Closed: 12/9/2003	NOSTRAND AND PARK AVE	S 1/4 - 1/2 (0.445 mi.)	AH169	766
WILLIAMSBURG HOUSES Date Closed: 1/8/2004 Date Closed: 12/2/2005 <i>*Additional key fields are available in the Map Findings section</i>	125 STAGG WALK	NNE 1/4 - 1/2 (0.459 mi.)	AI170	769
BORINQUEN PLAZA Date Closed: 11/10/2010	110 HUMBOLDT STREET	E 1/4 - 1/2 (0.477 mi.)	173	794
BORINQUEN PLAZA Date Closed: 10/28/2010	120 HUMBOLDT STREET	ENE 1/4 - 1/2 (0.478 mi.)	AJ174	800
BORINQUEN PLAZA Date Closed: 1/8/2004 Date Closed: 1/8/2004	130 HUMBOLDT STREET	ENE 1/4 - 1/2 (0.481 mi.)	AJ175	806
COMMERCIAL BUILDING Date Closed: 7/1/2008	544 PARK AVE	SSW 1/4 - 1/2 (0.498 mi.)	178	817
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
255 WALLABOUT ST/PFIZER Date Closed: 11/14/2006	255 WALLABOUT STREET	S 1/8 - 1/4 (0.181 mi.)	V106	416
LINDSAY PARK HOUSING CORP Date Closed: 10/27/2010	54 BOERUM ST	NE 1/8 - 1/4 (0.194 mi.)	116	470
CONSTRUCTION SITE Date Closed: 11/4/2005	420 MARCY AVE	SSW 1/8 - 1/4 (0.204 mi.)	Z125	513

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PFIZER INC/GERRY ST Date Closed: 6/22/1992	PFIZER INC/GERRY ST	SE 1/8 - 1/4 (0.206 mi.)	AA128	525
CONSTRUCTION SITE Date Closed: 3/7/2003	5 WALTON AVE	SSW 1/4 - 1/2 (0.253 mi.)	AE152	628
TEXECO STATION Date Closed: 3/31/2006	630 FLUSHING AVE	SSE 1/4 - 1/2 (0.274 mi.)	AF156	668
NOSTRAND AVE & FLUSHING A Date Closed: 11/8/1993	NOSTRAND AVE & FLUSHING	SSW 1/4 - 1/2 (0.347 mi.)	160	710
CLOSED-LACKOF RECENT INFO Date Closed: 3/5/2003	204 WALLABOUT ST	SW 1/4 - 1/2 (0.362 mi.)	161	712
30 WARSOFF PLACE/BKLYN Date Closed: 9/30/1992	30 WARSOFF PLACE	SSW 1/4 - 1/2 (0.411 mi.)	164	743

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 31 HIST LTANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
306 RUTLEDGE ST. Date Closed: / /	306 RUTLEDGE ST.	NW 1/8 - 1/4 (0.135 mi.)	Q81	290
187 UNION AVENUE / BROOKL Date Closed: / /	187 UNION AVE	N 1/8 - 1/4 (0.154 mi.)	R83	294
NYC DDC Date Closed: / /	306 RUTLEDGE ST	NW 1/8 - 1/4 (0.154 mi.)	Q88	313
BROOKLYN NORTH 3+3A SITE Date Closed: / /	306 RUTLEDGE ST	NW 1/8 - 1/4 (0.154 mi.)	Q90	338
306 RUTLEDGE ST/BKLYN Date Closed: / /	306 RUTLEDGE STREET	NW 1/8 - 1/4 (0.154 mi.)	Q91	339
JOHNSON AVE. & BROADWAY Date Closed: 08/13/93	JOHNSON AVE AND BROADWAY	NW 1/8 - 1/4 (0.156 mi.)	96	376
ARMY NAT'L GUARD BUILDING Date Closed: 10/07/92	355 MARCY AVENUE	WSW 1/8 - 1/4 (0.186 mi.)	X115	467
211 UNION AVE. DIESEL LEA Date Closed: / /	211 UNION AVE	N 1/8 - 1/4 (0.199 mi.)	Y117	472
APARTMENT BLDG Date Closed: / /	30 MONTROSE AV	NNE 1/8 - 1/4 (0.216 mi.)	AC139	557
209 UNION AVENUE Date Closed: 05/18/95	209 UNION AVE - 90TH PC	N 1/8 - 1/4 (0.219 mi.)	Y142	575
442 5TH ST Date Closed: 10/10/91	442 5TH ST	NNW 1/8 - 1/4 (0.234 mi.)	147	617
CLOSED-LACKOF RECENT INFO Date Closed: / /	113 THROOP AVE	SE 1/4 - 1/2 (0.338 mi.)	159	707

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
35 GRAHM AVE. Date Closed: 05/19/93	35 GRAHM AVE.	ESE 1/4 - 1/2 (0.407 mi.)	162	715
MARCY HOUSES Date Closed: / / Date Closed: / / <i>*Additional key fields are available in the Map Findings section</i>	603 PARK AVE	S 1/4 - 1/2 (0.445 mi.)	AH168	754
MARCIE HOUSES - BLDG 9 Date Closed: / /	NOSTRAND AND PARK AVE	S 1/4 - 1/2 (0.445 mi.)	AH169	766
WILLIAMSBURG HOUSES Date Closed: / / Date Closed: / / <i>*Additional key fields are available in the Map Findings section</i>	125 STAGG WALK	NNE 1/4 - 1/2 (0.459 mi.)	AI170	769
WILLIAMSBURGH HOUSES Date Closed: / /	125 STAGG WALK	NNE 1/4 - 1/2 (0.459 mi.)	AI171	782
WILLIAMSBURGH HOUSES Date Closed: / /	211 STAGGWALK	NNE 1/4 - 1/2 (0.459 mi.)	AI172	793
BORINQUEN PLAZA Date Closed: / /	110 HUMBOLDT STREET	E 1/4 - 1/2 (0.477 mi.)	173	794
BORINQUEN PLAZA Date Closed: / /	120 HUMBOLDT STREET	ENE 1/4 - 1/2 (0.478 mi.)	AJ174	800
VERINQUIN Date Closed: / /	130 HUMBOLT ST	ENE 1/4 - 1/2 (0.481 mi.)	AJ176	811
BORINQUEN HOUSES Date Closed: / /	130 HUMBOLDT STREET	ENE 1/4 - 1/2 (0.481 mi.)	AJ177	813
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITGO/ 594 BROADWAY Date Closed: / /	594 BROADWAY	E 1/8 - 1/4 (0.155 mi.)	S94	358
255 WALLABOUT ST/PFIZER Date Closed: / /	255 WALLABOUT STREET	S 1/8 - 1/4 (0.181 mi.)	V106	416
PFIZER INC/GERRY ST Date Closed: 06/22/92	PFIZER INC/GERRY ST	SE 1/8 - 1/4 (0.206 mi.)	AA128	525
CONSTRUCTION SITE Date Closed: / /	5 WALTON AVE	SSW 1/4 - 1/2 (0.253 mi.)	AE152	628
630 FLUSHING AVE Date Closed: / /	630 FLUSHING AVE	SSE 1/4 - 1/2 (0.274 mi.)	AF155	649
TEXECO STATION Date Closed: / /	630 FLUSHING AVE	SSE 1/4 - 1/2 (0.274 mi.)	AF156	668
NOSTRAND AVE & FLUSHING A Date Closed: 11/08/93	NOSTRAND AVE & FLUSHING	SSW 1/4 - 1/2 (0.347 mi.)	160	710
CLOSED-LACKOF RECENT INFO Date Closed: / /	204 WALLABOUT ST	SW 1/4 - 1/2 (0.362 mi.)	161	712
30 WARSOFF PLACE/BKLYN Date Closed: 09/30/92	30 WARSOFF PLACE	SSW 1/4 - 1/2 (0.411 mi.)	164	743

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the TANKS list, as provided by EDR, and dated 07/02/2012 has revealed that there is 1 TANKS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYNEX	18 BOERUM STREET	NNE 1/8 - 1/4 (0.125 mi.)	74	273

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 07/02/2012 has revealed that there are 23 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KNIGHTS COLLISION REPAIR	120 UNION AVENUE	SW 0 - 1/8 (0.013 mi.)	A4	19
GEORGE ROYH	116 UNION AVENUE	SW 0 - 1/8 (0.018 mi.)	A9	32
ANTONIA GONSALIS	118-120 HARRISON AVENUE	WSW 0 - 1/8 (0.046 mi.)	B15	59
BP #48360	152 UNION AVENUE	N 0 - 1/8 (0.061 mi.)	E21	80
295 HEYWARD STREET	295 HEYWARD STREET	NW 0 - 1/8 (0.104 mi.)	K54	204
SHELL STATION	278-290 HEYWARD STREET	N 0 - 1/8 (0.119 mi.)	N63	233
ENGINE 216 / LADDER 108	187 UNION AVENUE	N 1/8 - 1/4 (0.154 mi.)	R87	309
DSNY BROOKLYN 3/3A DISTRICT GA	306 RUTLEDGE STREET	NW 1/8 - 1/4 (0.154 mi.)	Q89	325
NYS ARMORY	355 MARCY AVENUE	WSW 1/8 - 1/4 (0.186 mi.)	X111	450
90TH POLICE PCT.	211 UNION AVENUE	N 1/8 - 1/4 (0.203 mi.)	Y119	480
LINDSAY PARK HOUSING CORP	30 MONTROSE AVE	NNE 1/8 - 1/4 (0.218 mi.)	AC141	572
R & R SERVICE CENTER #11187	225 UNION AVE	N 1/8 - 1/4 (0.232 mi.)	AD146	593
GAS STOP	49 MONTROSE AVENUE	NNE 1/8 - 1/4 (0.240 mi.)	151	624

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BROAD AND BOERUM LLC	531 BROADWAY	NNE 0 - 1/8 (0.098 mi.)	J44	165
HOO CORP	94 WALLTON STREET	SE 0 - 1/8 (0.103 mi.)	L51	190
70 UNION AVENUE	70 UNION AVENUE	S 1/8 - 1/4 (0.128 mi.)	O75	274
LUDWIG INDUSTRIES, INC	133 MIDDLETON STREET	SW 1/8 - 1/4 (0.132 mi.)	P77	281
SUSION DEVELPORS LLC	594 BROADWAY	E 1/8 - 1/4 (0.155 mi.)	S95	362
307 WALLABOUT STREET	307 WALLABOUT STREET	SE 1/8 - 1/4 (0.158 mi.)	T97	379
M.B.M. MFG.	70 LORIMER STREET	SSW 1/8 - 1/4 (0.162 mi.)	100	391
429 MARCY AVENUE	429 MARCY AVENUE	SSW 1/8 - 1/4 (0.203 mi.)	Z121	495
PFIZER INC. BROOKLYN PLANT	80 GERRY STREET	SE 1/8 - 1/4 (0.208 mi.)	132	535
LINDSAY PARK HOUSING CORP	31 LEONARD STREET	ENE 1/8 - 1/4 (0.212 mi.)	138	553

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 07/02/2012 has revealed that there are 18 AST sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KNIGHTS COLLISION REPAIR	120 UNION AVENUE	SW 0 - 1/8 (0.013 mi.)	A3	17
252 HEYWARD STREET	252 HEYWARD STREET	NW 0 - 1/8 (0.102 mi.)	K46	172
295 HEYWARD STREET	295 HEYWARD STREET	NW 0 - 1/8 (0.104 mi.)	K54	204
REGO INDUSTRIES INC	322 RUTLEDGE ST	NW 1/8 - 1/4 (0.152 mi.)	Q82	291
ENGINE 216 / LADDER 108	187 UNION AVENUE	N 1/8 - 1/4 (0.154 mi.)	R84	296
BROOKLYN NORTH 3/3A GARAGE	306 RUTLEDGE STREET	NW 1/8 - 1/4 (0.154 mi.)	Q92	340
YISACHER ZEVULAN REALTY CORP.	61 HARRISON AVENUE	NW 1/8 - 1/4 (0.158 mi.)	98	387
I.S. 71	215 HEYWARD STREET	W 1/8 - 1/4 (0.170 mi.)	U102	395
PS 380	370 MARCY AV	WSW 1/8 - 1/4 (0.180 mi.)	105	412
90TH POLICE PCT.	211 UNION AVENUE	N 1/8 - 1/4 (0.203 mi.)	Y120	491
LEE AVE GARAGE, INC	312 PENN STREET	NW 1/8 - 1/4 (0.204 mi.)	124	511
213 UNION AVE	213 UNION AVE	N 1/8 - 1/4 (0.206 mi.)	Y129	528
11-15 NEW MONTROSE HDFC	11-15 MONTROSE AVENUE	N 1/8 - 1/4 (0.208 mi.)	131	533

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BROAD AND BOERUM LLC	531 BROADWAY	NNE 0 - 1/8 (0.098 mi.)	J43	162
I.S. 318	101 WALTON STREET	SSE 0 - 1/8 (0.103 mi.)	L47	175
MAGIC AUTO REPAIR SHOP	398 WALLABOUT STREET	ESE 1/8 - 1/4 (0.164 mi.)	T101	393
ULTIMATE AUTO REPAIR CORP.	45 WALTON STREET	SSW 1/8 - 1/4 (0.176 mi.)	104	410
SOSA DIAGNOSTIC REPAIR INC.	620 BROADWAY	E 1/8 - 1/4 (0.206 mi.)	130	531

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the VCP list, as provided by EDR, and dated 05/21/2012 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PFIZER SITES B AND D	59-71 GERRY ST. AND 73-	SE 1/8 - 1/4 (0.206 mi.)	AA127	522
PFIZER (ORGANICS/SUCIAC BLOCK)	CENTRAL PORTION OF PFIZ	SSE 1/4 - 1/2 (0.269 mi.)	154	648
TEXECO STATION	630 FLUSHING AVE	SSE 1/4 - 1/2 (0.274 mi.)	AF156	668

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 17 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEORGE ROYH	116 UNION AVENUE	SW 0 - 1/8 (0.018 mi.)	A9	32

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ANTONIA GONSALIS	118-120 HARRISON AVENUE	WSW 0 - 1/8 (0.046 mi.)	B15	59
BP #48360	152 UNION AVENUE	N 0 - 1/8 (0.061 mi.)	E21	80
SHELL STATION	278-290 HEYWARD STREET	N 0 - 1/8 (0.119 mi.)	N63	233
ENGINE 216 / LADDER 108	187 UNION AVENUE	N 1/8 - 1/4 (0.154 mi.)	R84	296
BROOKLYN NORTH 3/3A GARAGE	306 RUTLEDGE STREET	NW 1/8 - 1/4 (0.154 mi.)	Q92	340
NYS ARMORY	355 MARCY AVENUE	WSW 1/8 - 1/4 (0.186 mi.)	X111	450
90TH POLICE PCT.	211 UNION AVENUE	N 1/8 - 1/4 (0.203 mi.)	Y119	480
LINDSAY PARK HOUSING CORP	30 MONTROSE AVENUE	NNE 1/8 - 1/4 (0.216 mi.)	AC140	570
R & R SERVICE CENTER #11187	225 UNION AVE	N 1/8 - 1/4 (0.232 mi.)	AD146	593
GAS STOP	49 MONTROSE AVENUE	NNE 1/8 - 1/4 (0.240 mi.)	151	624
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DIME SAVINGS BANK. FBS	531 BROADWAY	NNE 0 - 1/8 (0.098 mi.)	J42	161
LUDWIG INDUSTRIES, INC	133 MIDDLETON STREET	SW 1/8 - 1/4 (0.132 mi.)	P77	281
SUSION DEVELPORS LLC	594 BROADWAY	E 1/8 - 1/4 (0.155 mi.)	S95	362
307 WALLABOUT STREET	307 WALLABOUT STREET	SE 1/8 - 1/4 (0.158 mi.)	T97	379
PFIZER INC. BROOKLYN PLANT	80 GERRY STREET	SE 1/8 - 1/4 (0.208 mi.)	132	535
LINDSAY PARK HOUSING CORP	31 LEONARD STREET	ENE 1/8 - 1/4 (0.212 mi.)	138	553

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 05/22/2012 has revealed that there are 23 NY Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONCRETE	120 UNION AVE	SW 0 - 1/8 (0.013 mi.)	A5	21
Date Closed: 12/2/2008				
Date Closed: 2/9/2009				
COMMERCIAL PROPERTY	120-150 UNION AVE	SW 0 - 1/8 (0.013 mi.)	A8	30
MANHOLE # 55938	MIDDLETON ST/HARRISON S	SW 0 - 1/8 (0.044 mi.)	B10	48
Date Closed: 4/8/2004				
MANHOLE MH-55939	MIDDLETON & HARRISON AV	SW 0 - 1/8 (0.044 mi.)	B11	51
Date Closed: 12/3/2004				
MANHOLE 55939	MIDDLETON ST&HARRISON AS	W 0 - 1/8 (0.044 mi.)	B12	53
Date Closed: 2/7/2005				
MANHOLE 55939	MIDDLETON STREET/HARRIS	SW 0 - 1/8 (0.044 mi.)	B13	56
Date Closed: 11/29/1999				
BP #48360	152 UNION AVENUE	N 0 - 1/8 (0.061 mi.)	E21	80
Date Closed: 8/1/2006				
MANHOLE #55938	MIDDLETON ST & HARRISON	SW 0 - 1/8 (0.073 mi.)	28	122
Date Closed: 8/17/2000				
89 HARRISON AV	89 HARRISON AVE	WNW 0 - 1/8 (0.083 mi.)	F30	129
Date Closed: 12/27/2002				
ABGG CONSTRUCTION	295 HEYWARD ST	NW 0 - 1/8 (0.104 mi.)	K55	208
Date Closed: 11/23/2004				

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTERSECTION OF Date Closed: 3/23/1999	HAYWARD ST & HARRISON A WNW	0 - 1/8 (0.111 mi.)	57	216
MH 43242 Date Closed: 11/26/2001	HAYWARD ST/BROADWAY	N 0 - 1/8 (0.119 mi.)	N65	250
MANHOLE #43243 Date Closed: 4/3/2002	UNION AVE & BROADWAY	N 0 - 1/8 (0.119 mi.)	N68	255
SERVICE BOX #14262 Date Closed: 9/10/2009	HAYWARD ST/BROADWAY	N 0 - 1/8 (0.119 mi.)	N69	258
VACANT LOT Date Closed: 3/31/2008	288-290 HEYWARD STREET	N 0 - 1/8 (0.119 mi.)	N71	266
DRUM RUN Date Closed: 8/9/2007	274 HEYWARD STREET	N 0 - 1/8 (0.120 mi.)	N72	267

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANHOLE 55940 Date Closed: 10/23/2001	MIDDLETON ST/THROOP AVENE	0 - 1/8 (0.083 mi.)	G31	131
MH 55940 Date Closed: 4/8/2004	MIDDLETOWN ST/TROOP AV	NE 0 - 1/8 (0.083 mi.)	G32	133
MH 55940 Date Closed: 6/17/2003	MIDDLETON ST /TROOP AVE	NE 0 - 1/8 (0.083 mi.)	G33	136
RESDENCE TM 1358 Date Closed: 3/27/2002	104 LORIMER STREET THROOP AV & LORIMER ST	SSW 0 - 1/8 (0.090 mi.) E 0 - 1/8 (0.097 mi.)	36 I38	147 149
MANHOLE 1358 Date Closed: 8/20/2003	THROOP AVE/LORIMER ST	E 0 - 1/8 (0.097 mi.)	I39	152
VAULT 2942 Date Closed: 1/28/2003	LORIMER STREET/BROADWAY	E 0 - 1/8 (0.115 mi.)	I59	221

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 13 NY Hist Spills sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANHOLE # 55938	MIDDLETON ST/HARRISON S	SW 0 - 1/8 (0.044 mi.)	B10	48
MANHOLE MH-55939	MIDDLETON & HARRISON AV	SW 0 - 1/8 (0.044 mi.)	B11	51
MANHOLE 55939	MIDDLETON ST&HARRISON ASW	0 - 1/8 (0.044 mi.)	B12	53
MANHOLE 55939	MIDDLETON STREET/HARRIS SW	0 - 1/8 (0.044 mi.)	B13	56
MANHOLE #55938	MIDDLETON ST & HARRISON SW	0 - 1/8 (0.073 mi.)	28	122
INTERSECTION OF	HAYWARD ST & HARRISON A WNW	0 - 1/8 (0.111 mi.)	57	216
MH 43242	HAYWARD ST/BROADWAY	N 0 - 1/8 (0.119 mi.)	N65	250
MANHOLE #43243	UNION AVE & BROADWAY	N 0 - 1/8 (0.119 mi.)	N68	255
SERVICE BOX #14262	HAYWARD ST/BROADWAY	N 0 - 1/8 (0.119 mi.)	N69	258

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MANHOLE 55940	MIDDLETON ST/THROOP AVENE 0 - 1/8 (0.083 mi.)		G31	131
MH 55940	MIDDLETOWN ST/TROOP AV NE 0 - 1/8 (0.083 mi.)		G32	133
MH 55940	MIDDLETON ST /TROOP AVE NE 0 - 1/8 (0.083 mi.)		G33	136
TM 1358	THROOP AV & LORIMER ST E 0 - 1/8 (0.097 mi.)		I38	149

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/15/2012 has revealed that there are 22 RCRA-NonGen sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KNIGHTS COLLISION EXPERTS INC	120 UNION AVE	SW 0 - 1/8 (0.013 mi.)	A6	24
SERVICE STATION	152 UNION AVE	N 0 - 1/8 (0.061 mi.)	E22	100
VERIZON LOG 24051 MANHOLE 325	BROADWAY & BOERUM ST	N 0 - 1/8 (0.103 mi.)	J49	183
MTA NYCT - BROADWAY STATION	BROADWAY & UNION AVE	N 0 - 1/8 (0.119 mi.)	N70	260
NYC DEPT OF SANITATION - J SCH	306 RUTLEDGE ST BK-N-3	NW 1/8 - 1/4 (0.135 mi.)	Q80	288
NYC FIRE DEPT ENGINE CO 216	187 UNION AVE	N 1/8 - 1/4 (0.154 mi.)	R85	303
PARAMOUNT PICTURES C-O ARMORY	355 MARCY AVE - OUT OF	WSW 1/8 - 1/4 (0.186 mi.)	X113	459
R & S STRAUSS	208 UNION AVE	N 1/8 - 1/4 (0.203 mi.)	Y122	499
F & G AUTO SALES & SERVICE STA	225 UNION AVE	N 1/8 - 1/4 (0.232 mi.)	AD145	591
MTA NYCT - HEWES ST STATION J-	HEWES ST & BROADWAY	NW 1/8 - 1/4 (0.237 mi.)	150	622

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYCTA - 22 THROOP AVE	22 THROOP AVE	ENE 0 - 1/8 (0.084 mi.)	G34	138
CON EDISON - TM 1358	THROOP AVE & LORIMER ST	E 0 - 1/8 (0.097 mi.)	I40	154
INTERMEDIATE SCHOOL 318	101 WALTON ST	SSE 0 - 1/8 (0.103 mi.)	L48	179
MTA NYCT - LORIMER ST STATION	LORIMER ST & BROADWAY	ENE 0 - 1/8 (0.115 mi.)	I58	218
AVALON INDUSTRIES INC	95 LORIMER ST	SSW 1/8 - 1/4 (0.135 mi.)	79	286
RICHARDS AUTO REPAIR SHOP	594 BROADWAY	E 1/8 - 1/4 (0.155 mi.)	S93	357
VARTEX INSTRUMENT CORP	311 WALLABOUT ST	ESE 1/8 - 1/4 (0.160 mi.)	T99	389
PFIZER INC BROOKLYN PLANT	338 WALLABOUT ST	S 1/8 - 1/4 (0.181 mi.)	V109	433
CGS BUILDER	420 MARCY AVE	SSW 1/8 - 1/4 (0.203 mi.)	Z123	501
TM2554	322 WALLABOUT STREET	S 1/8 - 1/4 (0.208 mi.)	135	548
CON ED - MH 485	GERRY ST & HARRISON AVE	SSE 1/8 - 1/4 (0.209 mi.)	AB136	549
V4821	48 GERRY STREET	SSE 1/8 - 1/4 (0.211 mi.)	AB137	551

HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The latest version of the study is frozen in time. The sites

EXECUTIVE SUMMARY

on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 HSWDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BORDEN CHEMICAL	56 NOSTRAND AVE.	SSW 1/4 - 1/2 (0.423 mi.)	AG165	745

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 05/01/2012 has revealed that there are 27 MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CONCRETE	120 UNION AVE	SW 0 - 1/8 (0.013 mi.)	A5	21
CONSOLIDATED EDISON	MIDDLETON & HARRISON	SW 0 - 1/8 (0.044 mi.)	B14	59
NYNEX	HARRISON AVE & LYNCH ST	W 0 - 1/8 (0.068 mi.)	F27	121
NYNEX	OPPOSITE 168 LYNCH ST	WSW 0 - 1/8 (0.119 mi.)	64	249
CONSOLIDATED EDISON	UNION AVE AND BROADWAY	N 0 - 1/8 (0.119 mi.)	N66	252
MTA NYCT - BROADWAY STATION	BROADWAY & UNION AVE	N 0 - 1/8 (0.119 mi.)	N70	260
NYC BD OF ED - I.S. 71 K	215 HEYWARD ST	W 1/8 - 1/4 (0.170 mi.)	U103	399
UNITED STATES ARMORY	355 MARCY AVE	WSW 1/8 - 1/4 (0.186 mi.)	X110	443
PARAMOUNT PICTURES C-O ARMORY	355 MARCY AVE - OUT OF	WSW 1/8 - 1/4 (0.186 mi.)	X113	459
WALGREENS #04363	210 UNION AVE	N 1/8 - 1/4 (0.208 mi.)	Y134	542

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYCT - BROADWAY-LORIMER SUBSTA	143 LORIMER ST	SSE 0 - 1/8 (0.052 mi.)	C19	73
NYCTA - 22 THROOP AVE	22 THROOP AVE	ENE 0 - 1/8 (0.084 mi.)	G34	138
HYDRO TECH	70 UNION AVENUE	S 0 - 1/8 (0.097 mi.)	H37	149
CON EDISON - TM 1358	THROOP AVE & LORIMER ST	E 0 - 1/8 (0.097 mi.)	I40	154
INTERMEDIATE SCHOOL 318	101 WALTON ST	SSE 0 - 1/8 (0.103 mi.)	L48	179
MTA NYCT - LORIMER ST STATION	LORIMER ST & BROADWAY	ENE 0 - 1/8 (0.115 mi.)	I58	218
LUDWIG INDUSTRIES, INC	133 MIDDLETON STREET	SW 1/8 - 1/4 (0.132 mi.)	P77	281
VARTEX INSTRUMENT CORP	311 WALLABOUT ST	ESE 1/8 - 1/4 (0.160 mi.)	T99	389
BAIS RUCHEL HIGH SCHOOL INC	177 HARRISON AVE	SSE 1/8 - 1/4 (0.181 mi.)	W108	420
PFIZER INC BROOKLYN PLANT	338 WALLABOUT ST	S 1/8 - 1/4 (0.181 mi.)	V109	433
CONSTRUCTION SITE	420 MARCY AVE	SSW 1/8 - 1/4 (0.204 mi.)	Z125	513
PFIZER INC BROOKLYN PLANT	73 GERRY ST	SE 1/8 - 1/4 (0.206 mi.)	AA126	517
TM2554	322 WALLABOUT STREET	S 1/8 - 1/4 (0.208 mi.)	135	548
CON ED - MH 485	GERRY ST & HARRISON AVE	SSE 1/8 - 1/4 (0.209 mi.)	AB136	549
V4821	48 GERRY STREET	SSE 1/8 - 1/4 (0.211 mi.)	AB137	551
ARLINGTON PRESS-191 HARRISON A	191 HARRISON AVE	SSE 1/8 - 1/4 (0.223 mi.)	AB144	580
CONSOLIDATED EDISON	13 WALTON ST	SSW 1/8 - 1/4 (0.237 mi.)	AE148	619

E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the E DESIGNATION list, as provided by EDR, and dated 03/28/2012 has revealed that there are 21 E DESIGNATION sites within approximately 0.125 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 22,TAXBLOCK 2242	196 MIDDLETON STREET	ENE 0 - 1/8 (0.002 mi.)	A1	8
LOT 41,TAXBLOCK 2238	221 MIDDLETON STREET	NE 0 - 1/8 (0.007 mi.)	A2	12
LOT 49,TAXBLOCK 2238	120 UNION AVENUE	SW 0 - 1/8 (0.013 mi.)	A7	26
LOT 27,TAXBLOCK 2238	240 LYNCH STREET	N 0 - 1/8 (0.066 mi.)	E26	115
LOT 3,TAXBLOCK 2242	100 HARRISON AVENUE	WNW 0 - 1/8 (0.074 mi.)	F29	125

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 54,TAXBLOCK 2242	151 LORIMER STREET	SE 0 - 1/8 (0.050 mi.)	C16	66
LOT 53,TAXBLOCK 2242	153 LORIMER STREET	SE 0 - 1/8 (0.051 mi.)	C17	69
LOT 47,TAXBLOCK 2242	165 LORIMER STREET	ESE 0 - 1/8 (0.060 mi.)	D20	75
LOT 46,TAXBLOCK 2242	167 LORIMER STREET	ESE 0 - 1/8 (0.062 mi.)	D23	102
LOT 2,TAXBLOCK 2242	131 HARRISON AVENUE	S 0 - 1/8 (0.064 mi.)	24	106
LOT 45,TAXBLOCK 2242	169 LORIMER STREET	E 0 - 1/8 (0.065 mi.)	D25	111
LOT 40,TAXBLOCK 2245	148 HARRISON AVENUE	S 0 - 1/8 (0.089 mi.)	H35	143
LOT 42,TAXBLOCK 2245	152 HARRISON AVENUE	SSE 0 - 1/8 (0.097 mi.)	H41	156
LOT 43,TAXBLOCK 2245	154 HARRISON AVENUE	SSE 0 - 1/8 (0.102 mi.)	H45	167
LOT 14,TAXBLOCK 2250	94 WALTON STREET	SE 0 - 1/8 (0.103 mi.)	L50	184
LOT 12,TAXBLOCK 2250	90 WALTON STREET	SE 0 - 1/8 (0.103 mi.)	L52	192
LOT 11,TAXBLOCK 2250	88 WALTON STREET	SE 0 - 1/8 (0.104 mi.)	L53	198
LOT 10,TAXBLOCK 2250	86 WALTON STREET	SSE 0 - 1/8 (0.104 mi.)	L56	210
LOT 25,TAXBLOCK 2250	116 WALTON STREET	ESE 0 - 1/8 (0.117 mi.)	61	224
LOT 8,TAXBLOCK 2250	155 HARRISON AVENUE	SSE 0 - 1/8 (0.118 mi.)	M62	228
LOT 7,TAXBLOCK 2250	157 HARRISON AVENUE	SSE 0 - 1/8 (0.123 mi.)	M73	269

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there are 6 Manufactured Gas Plants sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NASSAU GAS	SKILLMAN AVE	SW 1/2 - 1 (0.588 mi.)	180	819
SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS	ENE 1/2 - 1 (0.904 mi.)	184	822

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SKILLMAN STATION	SKILLMAN ST. FLUSHING A	SW 1/2 - 1 (0.540 mi.)	179	819
RUTLEDGE STATION	RUTLEDGE ST. WYTHE AND	WSW 1/2 - 1 (0.647 mi.)	181	820
KEAP ST. STATION	KEAP ST. WYTHE AVE. HOO	WSW 1/2 - 1 (0.688 mi.)	182	820
BU-NASSAU BRANCH	KENT AVE AND CROSS, DIV	W 1/2 - 1 (0.970 mi.)	186	824

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 272 records.

<u>Site Name</u>	<u>Database(s)</u>
CONSOLIDATED EDISON MH14473	MANIFEST
CONSOLIDATED EDISON	MANIFEST
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
BELL ATLANTIC-NY	MANIFEST
CONSOLIDATED EDISON	RCRA-NonGen, MANIFEST
CONSOLIDATED EDISON	MANIFEST
NYCTA - 977 BROADWAY	RCRA-NonGen, FINDS, MANIFEST
CONSOLIDATED EDISON MH15575	MANIFEST
CONSOLIDATED EDISON MH15581	MANIFEST
NYNEX	MANIFEST
CONSOLIDATED EDISON	MANIFEST
NYCTA	MANIFEST
CONSOLIDATED EDISON	RCRA-NonGen, MANIFEST
NYNEX	MANIFEST
BELL ATLANTIC-NY	MANIFEST
NEW YORK TELEPHONE COMPANY	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
BELL ATLANTIC-NY	MANIFEST
NYNEX	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
VO4617	RCRA-NonGen, MANIFEST
CONSOLIDATED EDISON	RCRA-NonGen, MANIFEST
CONSOLIDATED EDISON	MANIFEST
K - PEOPLES WORKS	SHWS
K-NASSAU WORKS MGP	SHWS
K - EQUITY WORKS	SHWS
K - PLYMOUTH STATION	SHWS
K - SCHOLES ST. STATION	SHWS
K - WYTHE AVE. STATION	SHWS
LOT 1,TAXBLOCK 2266	E DESIGNATION
LOT 136,TAXBLOCK 2245	E DESIGNATION
LOT 44,TAXBLOCK 2245	E DESIGNATION
LOT 129,TAXBLOCK 2250	E DESIGNATION
LOT 28,TAXBLOCK 2269	E DESIGNATION
LOT 31,TAXBLOCK 2269	E DESIGNATION
LOT 32,TAXBLOCK 2266	E DESIGNATION
LOT 35,TAXBLOCK 2245	E DESIGNATION
LOT 149,TAXBLOCK 2245	E DESIGNATION
J. WISE EXCAVATING	SWF/LF
CITYWIDE CESSPOOL COMPANY	SWF/LF, NY Spills, NY Hist Spills
SMITH STREET	SWF/LF, NY Spills, NY Hist Spills
GAS MAIN IN STREET	LTANKS
2110 BOLTON STREET	LTANKS, HIST LTANKS
3147 BROADWAY	LTANKS, HIST LTANKS
2006 A FULTON STREET	LTANKS
575 HANOCK STREET	AST, HIST AST
NYCT - J LINE BENTS J608B TO J1028	RCRA-SQG
CON EDISON - MANHOLE 14473	RCRA-LQG
CON EDISON - MANHOLE 15300	RCRA-LQG

EXECUTIVE SUMMARY

CON EDISON - MANHOLE 392	RCRA-LQG
CON EDISON - MANHOLE 233	RCRA-LQG
CON EDISON - MANHOLE 15869	RCRA-LQG
CON EDISON - MANHOLE 15581	RCRA-LQG
NYSDOT BIN 1065507	RCRA-LQG
CON EDISON - MANHOLE 275	RCRA-LQG
CON EDISON - MANHOLE 208	RCRA-LQG
NYSDOT CONTRACT D258425	RCRA-LQG
BELL ATLANTIC-NY	RCRA-NonGen, FINDS
MTA NYCT - MYRTLE & WILLOUGHBY AVE	RCRA-NonGen
CON EDISON	RCRA-NonGen, FINDS
GRAND STREET	RCRA-CESQG
GRAND STREET	HMIRS
GRAND STREET	HMIRS
100TH STREET PLAYGROUND 100TH AND	HMIRS
111TH STREET	ERNS
147TH STREET BEACH	ERNS
17TH AVE AND 59TH STREET	ERNS
22ND STREET & 3RD AVE	ERNS
EAST 22ND STREET AND CLINTON ROAD.	ERNS
2ND AVENUE AND 6TH STREET	ERNS
2ND AVENUE AND 29TH STREET	ERNS
4TH AVENUE AND 1ST STREET	ERNS
#4 53 STREET	ERNS
53RD STREET	ERNS
58TH STREET AND AVE U	ERNS
5TH AVE AND 6TH STREET	ERNS
64TH STREET AND 3RD AVE	ERNS
EAST 66TH STREET AND	ERNS
EAST 68TH STREET	ERNS
EAST 68TH STREET AND AVE U	ERNS
6TH STREET AND 2ND AVE	ERNS
6TH STREET ADN 2ND AVE	ERNS
86TH STREET ON R LINE	ERNS
9TH STREET AND	ERNS
ABANDON VESSEL 21ST STREET	ERNS
ASH STREET AND MANHATTAN AVENUE	ERNS
1485 BEACON STREET	ERNS
BEHIND WHITMAN DRIVE / NEAR OHIO W	ERNS
BERGAN BEACH YACHT CLUB EAST 66TH	ERNS
3161 BRIGHTON 6 STREET	ERNS
CAROL AND NEVINS STREET	ERNS
CAROL AND NEVINS STREET	ERNS
408 CARROL STREET	ERNS
COLUMBIA STREET	ERNS
COWANUS CANAL 29TH STREET AND 2ND	ERNS
CROPSEY AVE. CORNER OF BAY 54TH ST	ERNS
CROPSEY AVE. CORNER OF BAY 54TH ST	ERNS
NORTH FIRST STREET OIL FARM 214 KE	ERNS
55 GOLD STREET/ JOHN STREET	ERNS
GRAND STREET BRIDGE	ERNS
GREEN STREET AN MCGUINNESS BLVD.	ERNS
HAVA DAIRY BOND STREET	ERNS
HOLSEY STREET STATION	ERNS
HOPKINS AVENUE AND FULTON STREET I	ERNS
INTERSECTION OF HICKS AND KANE STR	ERNS
INTERSECTION OF BROADWAY AND FULTO	ERNS
KNAPP STREET	ERNS
MENAHAN STREET	ERNS
SOUTH OF THE STATION AT HALSEY STR	ERNS
OLD FULTON STREET	ERNS
RIVER STREET AND GRAND ST 94TH POL	ERNS

EXECUTIVE SUMMARY

EAST RIVER BETWEEN N13 TO N16 STRE	ERNS
SHEEPSHEAD BAY CROSS STREET OF EMM	ERNS
SHORE PARKWAY BETWEEN BAY 14TH STR	ERNS
SMITH STREET AND 9TH STREET	ERNS
STREET	ERNS
52 STREET AND 1ST AVENUE	ERNS
H STREET	ERNS
UNKNOWN SHEEN ON THE STREET	ERNS
IN FRONT OF THIS ADDRESS 231 VARIC	ERNS
CON ED-11TH STREET CONDUIT	FINDS
COOPER TANK - 215 MOORE STREET	FINDS
N3 AND N4TH STREET	NY Spills, NY Hist Spills
MANHOLE 16	NY Spills
531 144TH STREET	NY Spills, NY Hist Spills
14 AVE. & 15TH STREET	NY Spills, NY Hist Spills
TANKER ON STREET	NY Spills
ON STREET	NY Spills
101 EAST 179TH STREET	NY Spills, NY Hist Spills
EAST 18TH STREET	NY Spills
EAST 26TH STREET	NY Spills, NY Hist Spills
HENDRIX STREET / 26TH WAR	NY Spills, NY Hist Spills
E 29TH ST & KINGS HWY	NY Spills, NY Hist Spills
SOUTH 2ND STREET	NY Spills, NY Hist Spills
36TH STREET	NY Spills, NY Hist Spills
IN THE STREET	NY Spills
23RD STREET AND	NY Spills, NY Hist Spills
PRESIDENT STREET &	NY Spills, NY Hist Spills
54 STREET/VERNON BLVD	NY Spills, NY Hist Spills
9TH STREET AT	NY Spills, NY Hist Spills
62ND STREET 3RD AVE.	NY Spills, NY Hist Spills
STREET	NY Spills
38TH STREET YARD	NY Spills
38TH STREET YARD	NY Spills, NY Hist Spills
EAST 83RD STREET SUB STATION	NY Spills
86TH STREET - BELL PARKWA	NY Spills, NY Hist Spills
IN THE STREET	NY Spills
EAST 92ND STREET	NY Spills, NY Hist Spills
ENTRANCE TO 38TH STREET Y	NY Spills
BETWEEN 37TH STREET AND	NY Spills, NY Hist Spills
38TH STREET AT CORNER OF	NY Spills
ON STREET	NY Spills
EAST 89TH STREET	NY Spills, NY Hist Spills
BETW/AVE X &	NY Spills
EAST 83RD STREET AT	NY Spills
AVE Z AND KNAPP STREET	NY Spills, NY Hist Spills
MANHOLE #43243	NY Spills
NOLL STREET	NY Spills, NY Hist Spills
PRESIDENT STREET	NY Spills, NY Hist Spills
14 MAJETA STREET	NY Spills, NY Hist Spills
MH 15616 SW CRN BROADWAY	NY Spills, NY Hist Spills
MANHOLE 2527	NY Spills, NY Hist Spills
STREET AND SEWER	NY Spills, NY Hist Spills
NYC TRANSIT	NY Spills
BROADWAY	NY Spills, NY Hist Spills
ROADWAY	NY Spills, NY Hist Spills
MH 60442	NY Spills, NY Hist Spills
IN ROADWAY	NY Spills
FLUSHING & CLASSON AVES.	NY Spills, NY Hist Spills
2653 EAST 26TH STREET	NY Spills, NY Hist Spills
CARROLL ST. & UNION ST BR	NY Spills, NY Hist Spills
STREET BETW PILLING ST/CH	NY Spills
FOOT OF ADAM STREET	NY Spills, NY Hist Spills

EXECUTIVE SUMMARY

BETWEEN CLAY/BOX STREET	NY Spills
89 JOHN STREET	NY Spills, NY Hist Spills
KNAPP STREET / CONEY ISLA	NY Spills, NY Hist Spills
IN THE STREET	NY Spills
STREET	NY Spills
EAST 98TH STREET AT	NY Spills
REGULATOR ON THE STREET	NY Spills
CONOVER STREET BETWEEN	NY Spills
AVENUE L EAST43RD STREET	NY Spills, NY Hist Spills
ON STREET	NY Spills
STREET	NY Spills
BQE @ ATLANTIC AVE.	NY Spills, NY Hist Spills
VERRAZANO BRIDGE	NY Spills
STREET	NY Spills
DRUM RUN	NY Spills
STREET INTERSECTION	NY Spills
IN THE STREET	NY Spills
GRAND STREET BRIDGE	NY Spills, NY Hist Spills
GRATTAN STREET	NY Spills, NY Hist Spills
MANHOLE #668	NY Spills
MANHOLE #670	NY Spills
MANHOLE #73645	NY Spills
HERKIMER ST AND BROADWAY	NY Spills, NY Hist Spills
HILLARY STREET	NY Spills, NY Hist Spills
4TH STREET	NY Spills, NY Hist Spills
FRANKLIN STREET	NY Spills, NY Hist Spills
SERVICE BOX #SB43380	NY Spills
STREET	NY Spills
KENT & N. 12TH STREET	NY Spills, NY Hist Spills
IN THE STREET	NY Spills
BOX 38486	NY Spills, NY Hist Spills
TO ROADWAY	NY Spills
ROADWAY	NY Spills
KINGS HIGHWAY MOBIL	NY Spills
KNAPP STREET, CONEY ISLAN	NY Spills, NY Hist Spills
KNAPP STREET	NY Spills
STREET INTERSECTION	NY Spills
METROPOLITIAN AV AND	NY Spills, NY Hist Spills
BMT L LINE	NY Spills
LIVINGSTON ST @ BOERUM PL	NY Spills, NY Hist Spills
MANHOLE AT BOX STREET AND	NY Spills, NY Hist Spills
ON THE STREET 580 -574 MAPLE AVE	NY Spills
STREET	NY Spills
VAULT # TMI987	NY Spills
STREET SIDE	NY Spills
MANHOLE 55935	NY Spills, NY Hist Spills
MANHOLE 55934	NY Spills, NY Hist Spills
MANHOLE 55941	NY Spills, NY Hist Spills
291-A MONROE STREET	NY Spills, NY Hist Spills
MONTAGUE STREET	NY Spills, NY Hist Spills
IN THE STREET	NY Spills
175 FALMOUTH STREET / BRO	NY Spills, NY Hist Spills
MANHOLE 10404	NY Spills, NY Hist Spills
STREET BY NYNEX GARAGE	NY Spills, NY Hist Spills
DOUGLASS STREET AND	NY Spills
STREET	NY Spills
EAST 94TH STREET AND	NY Spills
STREET	NY Spills
STREET SPILL	NY Spills
ROADWAY/NASSAU EXPRESSWAY	NY Spills
BEHIND WHITMAN DR	NY Spills, NY Hist Spills
80TH STREET BRIDGE	NY Spills, NY Hist Spills

EXECUTIVE SUMMARY

69TH STREET & NARROWS / B
STREET SPILL

JAY STREET

TILLARY STREET AND

RAMP TO I278

SB PROSPECT EXPRESSWAY

1565 62 STREET

NORTH 1ST STREET AND

RUSSEL STREET

MANHOLE #43243

STREET SPILL

PRESIDENT STREET AND

205

64 TEN EYKE STREET

KENT AND KEEP STREET

RODNEY STREET

IN THE STREET AND SEWER

UNION STREET BRIDGE

MANHOLE 4932

UNION AVENUE

20TH STREET

218248; YORK STREET AND GREEN LANE

TM 2470

210608; BROADWAY; M-1026

205842; KINGS HWY

208013; UNION ST; SB43384 - F/O 10

BERRY STREET HOUSING PROJECT

MHR MANAGEMENT, INC.-160 SOUTH SEC

651 MADISON STREET

NY Spills, NY Hist Spills

NY Spills

NY Spills, NY Hist Spills

NY Spills, NY Hist Spills

NY Spills, NY Hist Spills

NY Spills

NY Spills, NY Hist Spills

NY Spills

NY Spills, NY Hist Spills

NY Spills

NY Spills, NY Hist Spills

NY Spills, NY Hist Spills

NY Spills, NY Hist Spills

NY Spills

NY Spills

NY Spills, NY Hist Spills

NY Spills

NY Spills, NY Hist Spills

NY Spills

NY Spills, NY Hist Spills

NY Spills

NY Spills

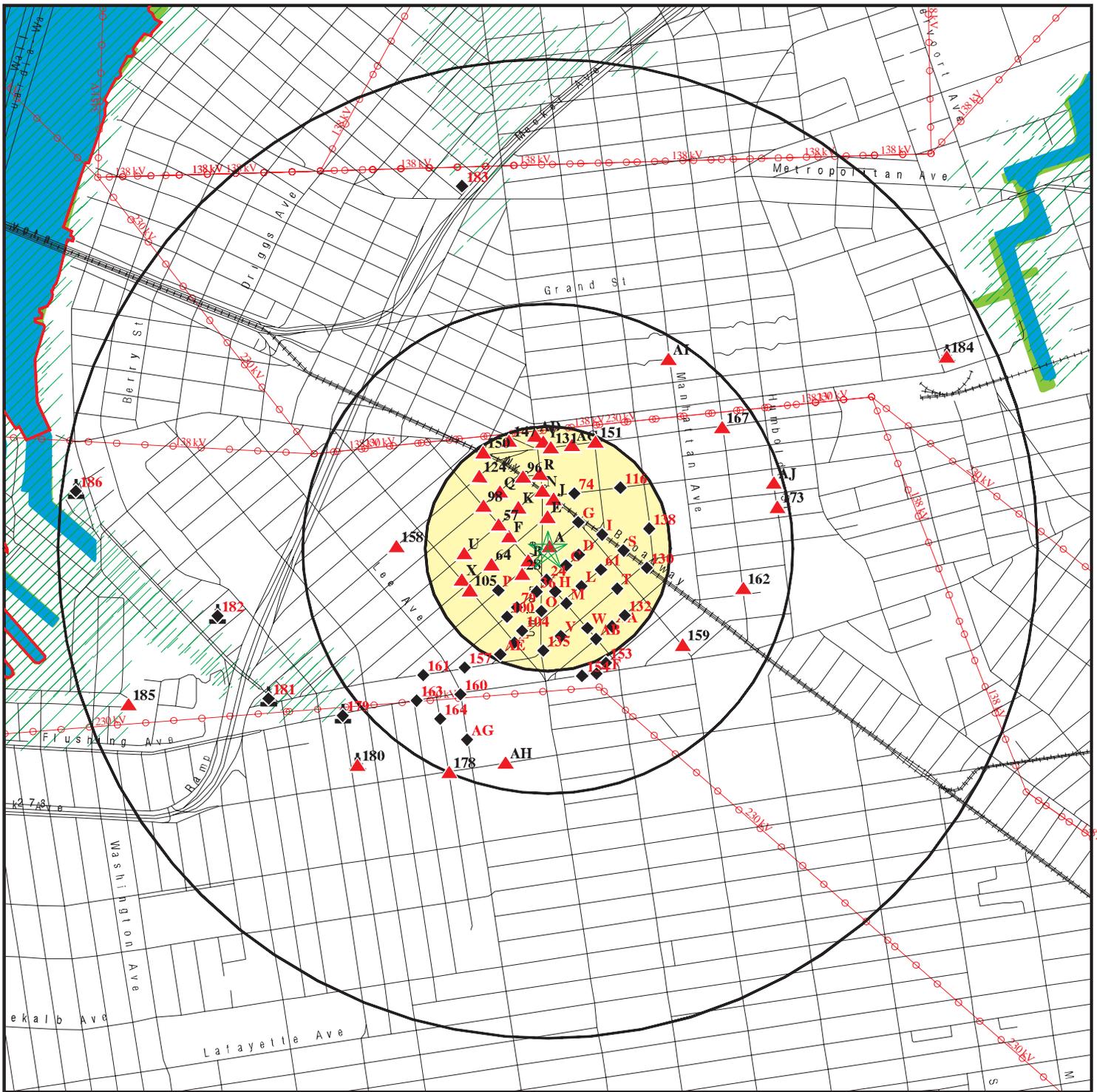
NY Spills

HSWDS

ICIS

HIST AST

OVERVIEW MAP - 3410586.2s



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

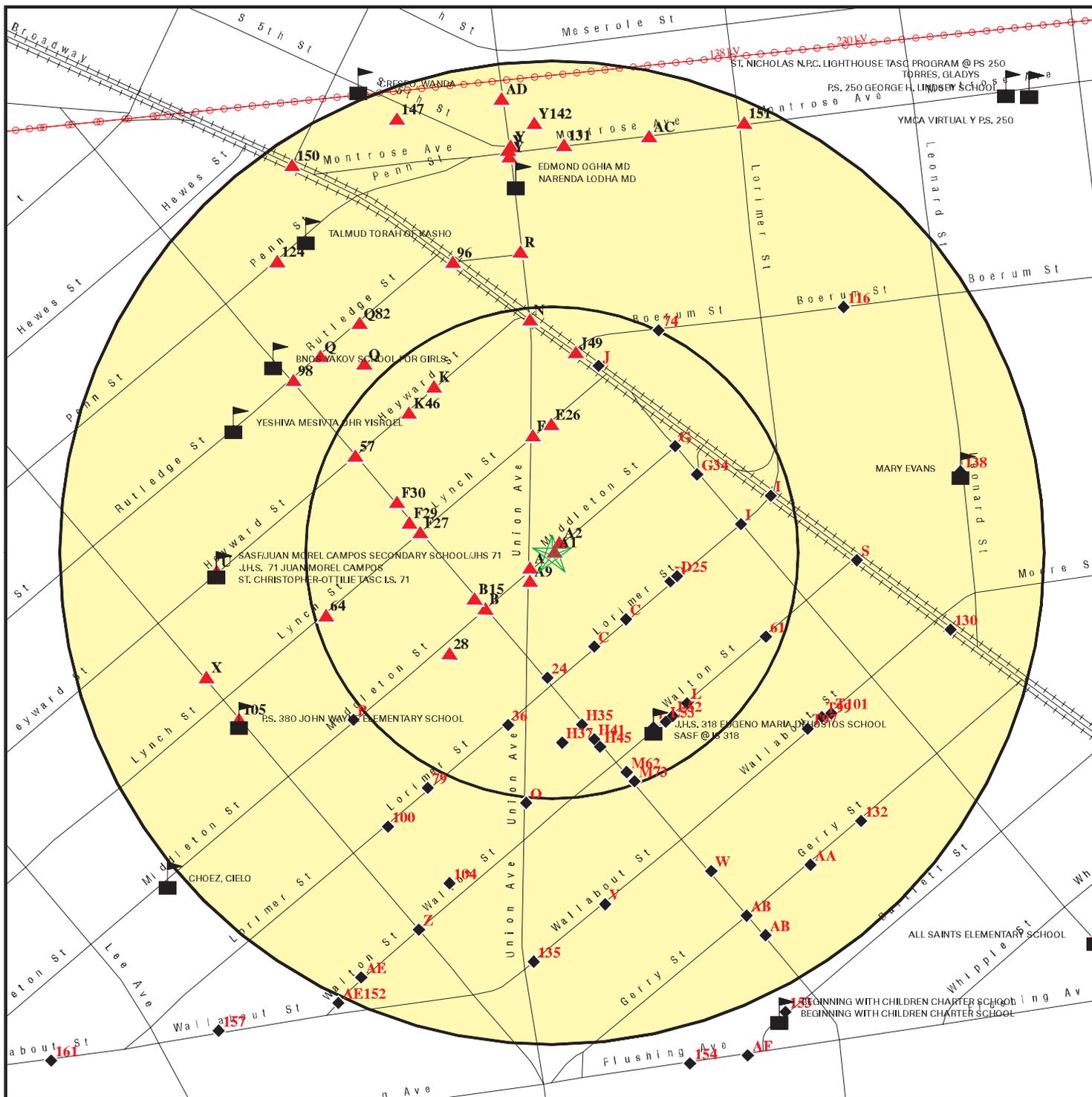
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME: 213 Middleton Street
 ADDRESS: 213 Middleton Street
 Brooklyn NY 11206
 LAT/LONG: 40.7037 / 73.95

CLIENT: Env. Business Consultants
 CONTACT: Charles Sosik
 INQUIRY #: 3410586.2s
 DATE: September 14, 2012 10:17 am

DETAIL MAP - 3410586.2s



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

- ▨ Indian Reservations BIA
- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines from USGS
- ▧ 100-year flood zone
- ▩ 500-year flood zone



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

SITE NAME: 213 Middleton Street
 ADDRESS: 213 Middleton Street
 Brooklyn NY 11206
 LAT/LONG: 40.7037 / 73.95

CLIENT: Env. Business Consultants
 CONTACT: Charles Sosik
 INQUIRY #: 3410586.2s
 DATE: September 14, 2012 10:19 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	2	NR	NR	2
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	2	0	NR	2
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	3	NR	NR	NR	3
RCRA-SQG	0.250		1	3	NR	NR	NR	4
RCRA-CESQG	0.250		1	3	NR	NR	NR	4
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	2	NR	2
VAPOR REOPENED	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LTANKS	0.500		0	11	16	NR	NR	27
HIST LTANKS	0.500		0	14	17	NR	NR	31
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
TANKS	0.250		0	1	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		8	15	NR	NR	NR	23
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
AST	0.250		5	13	NR	NR	NR	18
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	1	2	NR	NR	3
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		5	12	NR	NR	NR	17
HIST AST	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		23	NR	NR	NR	NR	23
NY Hist Spills	0.125		13	NR	NR	NR	NR	13
Other Ascertainable Records								
RCRA-NonGen	0.250		8	14	NR	NR	NR	22
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	1	NR	NR	1
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		13	18	NR	NR	NR	31
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125		21	NR	NR	NR	NR	21
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	6	NR	6
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S102143631	N3 AND N4TH STREET	N3 & N 4TH ST		NY Spills, NY Hist Spills
BROOKLYN	99618878	100TH STREET PLAYGROUND 100TH AND	100TH STREET PLAYGROUND 100TH		ERNS
BROOKLYN	S108146255	BERRY STREET HOUSING PROJECT	S 10TH ST	11211	HSWDS
BROOKLYN	S106969996	MANHOLE 16	10TH AVE & BROADWAY		NY Spills
BROOKLYN	S109823632	K - PEOPLES WORKS	S 10TH ST S	11211	SHWS
BROOKLYN	2005613462	111TH STREET	111TH STREET		ERNS
BROOKLYN	1007767195	CON ED-11TH STREET CONDUIT	11TH ST BETWEEN 53RD AND ASH		FINDS
BROOKLYN	S102148893	531 144TH STREET	531 144TH ST		NY Spills, NY Hist Spills
BROOKLYN	8871857	147TH STREET BEACH	147TH STREET BEACH		ERNS
BROOKLYN	S102148192	14 AVE. & 15TH STREET	14TH AVE & 15TH ST		NY Spills, NY Hist Spills
BROOKLYN	S111458246	TANKER ON STREET	N 16TH AND WYTHE ST		NY Spills
BROOKLYN	S106127284	ON STREET	W 16TH & HEARTPLACE		NY Spills
BROOKLYN	S102146991	101 EAST 179TH STREET	101 E 179TH ST		NY Spills, NY Hist Spills
BROOKLYN	99617157	17TH AVE AND 59TH STREET	17TH AVE AND 59TH STREET		ERNS
BROOKLYN	S109372164	EAST 18TH STREET	E 18TH ST		NY Spills
BROOKLYN	974086311	22ND STREET & 3RD AVE	22ND ST & 3RD AVE		ERNS
BROOKLYN	96490556	EAST 22ND STREET AND CLINTON ROAD.	EAST 22ND STREET AND CLINTON R		ERNS
BROOKLYN	1014396169	CON EDISON - MANHOLE 14473	241ST LYNCH ST & HARRISON AVE	11206	RCRA-LQG
BROOKLYN	S110046846	CONSOLIDATED EDISON MH14473	241ST LYNCH ST & HARRISON AVE	11206	MANIFEST
BROOKLYN	S102143714	EAST 26TH STREET	E 26TH ST		NY Spills, NY Hist Spills
BROOKLYN	S102144285	HENDRIX STREET / 26TH WAR	26TH WARD PLANT		NY Spills, NY Hist Spills
BROOKLYN	S102142527	E 29TH ST & KINGS HWY	E 29TH ST & KINGS HWY		NY Spills, NY Hist Spills
BROOKLYN	S106701720	SOUTH 2ND STREET	S 2ND ST		NY Spills, NY Hist Spills
BROOKLYN	2003651611	2ND AVENUE AND 6TH STREET	2ND AVENUE AND 6TH STREET		ERNS
BROOKLYN	2010958811	2ND AVENUE AND 29TH STREET	2ND AVENUE AND 29TH ST		ERNS
BROOKLYN	S102143252	36TH STREET	36TH ST		NY Spills, NY Hist Spills
BROOKLYN	S111064060	IN THE STREET	3RD AVE AND 60TH ST		NY Spills
BROOKLYN	S104194127	23RD STREET AND	3RD AVE		NY Spills, NY Hist Spills
BROOKLYN	S104787053	PRESIDENT STREET &	3RD AVE		NY Spills, NY Hist Spills
BROOKLYN	2010935316	4TH AVENUE AND 1ST STREET	4TH AVENUE AND 1ST ST		ERNS
BROOKLYN	1014396219	CON EDISON - MANHOLE 15300	520TH METROPOLITAN AVE & UNIO	11211	RCRA-LQG
BROOKLYN	S110045917	CONSOLIDATED EDISON	520TH METROPOLITAN AVE & UNIO	11211	MANIFEST
BROOKLYN	96517558	#4 53 STREET	#4 53 STREET		ERNS
BROOKLYN	2008883519	53RD STREET	53RD STREET		ERNS
BROOKLYN	S102146432	54 STREET/VERNON BLVD	54TH ST & VERNON BLVD		NY Spills, NY Hist Spills
BROOKLYN	1014396226	CON EDISON	589TH METROPOLITAN AVE & LORI	11211	RCRA-CESQG
BROOKLYN	2000538334	58TH STREET AND AVE U	58TH STREET AND AVE U	0	ERNS
BROOKLYN	2001561173	5TH AVE AND 6TH STREET	5TH AVE AND 6TH STREET	0	ERNS
BROOKLYN	S105058160	9TH STREET AT	5TH AVE		NY Spills, NY Hist Spills
BROOKLYN	S102143299	62ND STREET 3RD AVE.	62ND STREET 3RD AVE		NY Spills, NY Hist Spills
BROOKLYN	2002618389	64TH STREET AND 3RD AVE	64TH STREET AND 3RD AVE	0	ERNS
BROOKLYN	S110044420	STREET	E 66TH BETWEEN M & N		NY Spills
BROOKLYN	2008870622	EAST 66TH STREET AND	EAST 66TH STREET AND		ERNS

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	2000535604	EAST 68TH STREET	EAST 68TH STREET	0	ERNS
BROOKLYN	99649722	EAST 68TH STREET AND AVE U	EAST 68TH STREET AND AVE U		ERNS
BROOKLYN	S108638485	38TH STREET YARD	6TH AVE & 38TH ST		NY Spills
BROOKLYN	94372754	6TH STREET AND 2ND AVE	6TH STREET AND 2ND AVE		ERNS
BROOKLYN	94390836	6TH STREET ADN 2ND AVE	6TH STREET ADN 2ND AVE		ERNS
BROOKLYN	S104880683	38TH STREET YARD	6TH AVE & 38TH ST		NY Spills, NY Hist Spills
BROOKLYN	S110044881	EAST 83RD STREET SUB STATION	E 83RD ST		NY Spills
BROOKLYN	S102147933	86TH STREET - BELL PARKWA	86TH ST BELL PKY		NY Spills, NY Hist Spills
BROOKLYN	2010934192	86TH STREET ON R LINE	86TH ST		ERNS
BROOKLYN	S106972104	GAS MAIN IN STREET	86TH ST & BAY 24TH AVE		LTANKS
BROOKLYN	S111458545	IN THE STREET	92ND ST AND DALGREEN PL		NY Spills
BROOKLYN	S102147070	EAST 92ND STREET	E 92ND ST		NY Spills, NY Hist Spills
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94TH ST & BET CLARKSON AVEN		MANIFEST
BROOKLYN	2007330337	9TH STREET AND	9TH STREET AND		ERNS
BROOKLYN	S106736914	ENTRANCE TO 38TH STREET Y	9TH AVENUE 38TH ST		NY Spills
BROOKLYN	S104880596	BETWEEN 37TH STREET AND	9TH AVE		NY Spills, NY Hist Spills
BROOKLYN	94404412	ABANDON VESSEL 21ST STREET	ABANDON VESSEL 21ST STREET		ERNS
BROOKLYN	S106004783	38TH STREET AT CORNER OF	ANE M		NY Spills
BROOKLYN	S109206140	ON STREET	APPLOLO ST & MEEKER AVE		NY Spills
BROOKLYN	2010928836	ASH STREET AND MANHATTAN AVENUE	ASH STREET AND MANHATTAN AVE		ERNS
BROOKLYN	S102446624	EAST 89TH STREET	AVE D		NY Spills, NY Hist Spills
BROOKLYN	S106737045	BETW/AVE X &	AVE KINGS HWY		NY Spills
BROOKLYN	S106010679	EAST 83RD STREET AT	AVENUE SUB STA N		NY Spills
BROOKLYN	S102142994	AVE Z AND KNAPP STREET	AVENUE Z AND KNAPP ST		NY Spills, NY Hist Spills
BROOKLYN	S107408398	MANHOLE #43243	AVENUE NEAR HEYWARD ST		NY Spills
BROOKLYN	1014396246	CON EDISON - MANHOLE 392	AVENUE HARRISON AVE	11206	RCRA-LQG
BROOKLYN	S110046707	CONSOLIDATED EDISON	AVENUE HARRISON AVE	11206	MANIFEST
BROOKLYN	2006787742	1485 BEACON STREET	1485 BEACON STREET		ERNS
BROOKLYN	1009243890	CONSOLIDATED EDISON	MH4497 BEDFORD AVE & UNION ST		MANIFEST
BROOKLYN	99618540	BEHIND WHITMAN DRIVE / NEAR OHIO W	BEHIND WHITMAN DRIVE / NEAR OH		ERNS
BROOKLYN	99650276	BERGAN BEACH YACHT CLUB EAST 66TH	BERGAN BEACH YACHT CLUB EAST 6		ERNS
BROOKLYN	S104787652	NOLL STREET	BETW CENTRAL AVE+WILSON		NY Spills, NY Hist Spills
BROOKLYN	S104653744	PRESIDENT STREET	BETWEEN 3RD AVE & NEVINS		NY Spills, NY Hist Spills
BROOKLYN	S104790662	14 MAJETA STREET	BETWEEN LARMA & UNION		NY Spills, NY Hist Spills
BROOKLYN	S103935972	MH 15616 SW CRN BROADWAY	BOERUM ST		NY Spills, NY Hist Spills
BROOKLYN	1014396198	CON EDISON - MANHOLE 233	130 BOERUM ST AND GRAHAM AVE	11206	RCRA-LQG
BROOKLYN	S109064499	BELL ATLANTIC-NY	BOERUM ST & WHITE MANHOLE		MANIFEST
BROOKLYN	S102672033	2110 BOLTON STREET	2110 BOLTON ST		LTANKS, HIST LTANKS
BROOKLYN	S104953262	MANHOLE 2527	BONN ST & UNION ST		NY Spills, NY Hist Spills
BROOKLYN	1004761888	NYS DOT CONTRACT D258425	BQE CONNECTOR RAMP TO	11211	RCRA-NonGen, FINDS
BROOKLYN	S103572411	STREET AND SEWER	N BQU & TILLERY ST		NY Spills, NY Hist Spills
BROOKLYN	2001558948	3161 BRIGHTON 6 STREET	3161 BRIGHTON 6 STREET	0	ERNS
BROOKLYN	1014353848	MHR MANAGEMENT, INC.-160 SOUTH SEC	1191 BROADWAY BROOKLYN NY 1122	11221	ICIS
BROOKLYN	S111158911	NYC TRANSIT	BROADWAY AND DRIGGS AVE		NY Spills
BROOKLYN	S102143058	BROADWAY	BROADWAY		NY Spills, NY Hist Spills
BROOKLYN	S104654194	ROADWAY	BROADWAY & VANBUREN		NY Spills, NY Hist Spills
BROOKLYN	S104652132	MH 60442	BROADWAY & DEVOISE ST		NY Spills, NY Hist Spills

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S102672946	3147 BROADWAY	3147 BROADWAY		LTANKS, HIST LTANKS
BROOKLYN	1007207445	CONSOLIDATED EDISON	V3431 BROADWAY & BEDFORD		RCRA-NonGen, MANIFEST
BROOKLYN	1009243757	CONSOLIDATED EDISON	V2884 BROADWAY & RALPH		MANIFEST
BROOKLYN	1014397516	CON EDISON - MANHOLE 15869	BROADWAY AND JAMAICA AVE	11211	RCRA-LQG
BROOKLYN	1014396225	CON EDISON - MANHOLE 15581	BROADWAY ANS HAVEMAYER ST	11211	RCRA-LQG
BROOKLYN	1001113446	NYCTA - 977 BROADWAY	977 BROADWAY EMPTY LOT CLEANUP	11206	RCRA-NonGen, FINDS, MANIFEST
BROOKLYN	S108637865	IN ROADWAY	BROADWAY & DEKALD		NY Spills
BROOKLYN	S110046854	CONSOLIDATED EDISON MH15575	15575 BROADWAY		MANIFEST
BROOKLYN	S110046855	CONSOLIDATED EDISON MH15581	BROADWAY ANS HAVEMAYER ST	11211	MANIFEST
BROOKLYN	1010787625	NYS DOT BIN 1065507	BROADWAY OVER I-278	11211	RCRA-LQG
BROOKLYN	S102149486	FLUSHING & CLASSON AVES.	BROOKLYN QUEENS EXPRESSWAY EAS		NY Spills, NY Hist Spills
BROOKLYN	S105841910	J. WISE EXCAVATING	BROOKLYN NAVY YARD GATE 27	11205	SWF/LF
BROOKLYN	S103570592	2653 EAST 26TH STREET	BTWN AVE Z & VORHEES		NY Spills, NY Hist Spills
BROOKLYN	2009906368	CAROL AND NEVINS STREET	CAROL AND NEVINS STREET		ERNS
BROOKLYN	2008906368	CAROL AND NEVINS STREET	CAROL AND NEVINS STREET		ERNS
BROOKLYN	89109502	408 CARROL STREET	408 CARROL STREET		ERNS
BROOKLYN	S102143388	CARROLL ST. & UNION ST BR	CARROLL ST & UNION ST BR		NY Spills, NY Hist Spills
BROOKLYN	S108982105	STREET BETW PILLING ST/CH	CENTRALAVE		NY Spills
BROOKLYN	S102147069	FOOT OF ADAM STREET	COAST OF ADAM ST		NY Spills, NY Hist Spills
BROOKLYN	2006785094	COLUMBIA STREET	COLUMBIA STREET		ERNS
BROOKLYN	S108130261	BETWEEN CLAY/BOX STREET	COMMERCIAL ST		NY Spills
BROOKLYN	S102148430	89 JOHN STREET	CON ED FARRAGUT SUB STA		NY Spills, NY Hist Spills
BROOKLYN	S102671141	KNAPP STREET / CONEY ISLA	CONEY IS		NY Spills, NY Hist Spills
BROOKLYN	S110769103	IN THE STREET	CONEY ISLAND AVE AND CHURCH AV		NY Spills
BROOKLYN	1009231942	NYNEX	COR BWY & E WALTON ST	11206	MANIFEST
BROOKLYN	S110752343	STREET	NW CORNER FOUNTAIN AVE		NY Spills
BROOKLYN	98463809	COWANUS CANAL 29TH STREET AND 2ND	COWANUS CANAL 29TH STREET AND		ERNS
BROOKLYN	974109761	CROPSEY AVE. CORNER OF BAY 54TH ST	CROPSEY AVE. CORNER OF BAY 54T		ERNS
BROOKLYN	974109760	CROPSEY AVE. CORNER OF BAY 54TH ST	CROPSEY AVE. CORNER OF BAY 54T		ERNS
BROOKLYN	S110046200	CONSOLIDATED EDISON	CYPRESS AVE & STATE ST		MANIFEST
BROOKLYN	S106015392	EAST 98TH STREET AT	DITMAS AVE		NY Spills
BROOKLYN	S111458021	REGULATOR ON THE STREET	DIVISION AVENUE OF KENT AVE W		NY Spills
BROOKLYN	S106002787	CONOVER STREET BETWEEN	DYKEMAN & COFFEY		NY Spills
BROOKLYN	S102143209	AVENUE L EAST43RD STREET	L EAST 43RD ST		NY Spills, NY Hist Spills
BROOKLYN	S106127355	ON STREET	EASTSIDE 7TH & GARFIELD		NY Spills
BROOKLYN	S109062621	STREET	EMPIRE BLVD & WASHINGTON A		NY Spills
BROOKLYN	S102662590	BQE @ ATLANTIC AVE.	ENTRANCE RAMP BQE & ATLAN		NY Spills, NY Hist Spills
BROOKLYN	S109062462	VERRAZANO BRIDGE	EXIT RAMP 92 ST & 231ST DAHLG		NY Spills
BROOKLYN	99607598	NORTH FIRST STREET OIL FARM 214 KE	NORTH FIRST STREET OIL FARM 21		ERNS
BROOKLYN	S103573626	CITYWIDE CESSPOOL COMPANY	FLATLANDS AVE		SWF/LF, NY Spills, NY Hist Spills
BROOKLYN	S112010352	NYCTA	FLUCHING AVE_ & BROADWAY	11206	MANIFEST
BROOKLYN	1009242857	CONSOLIDATED EDISON	MH1000 FLUSHING AVE & THROOP		MANIFEST
BROOKLYN	S110046292	CONSOLIDATED EDISON	FLUSHING AVE & BROADWAY MH		MANIFEST
BROOKLYN	S107789119	2006 A FULTON STREET	2006 A FULTON ST		LTANKS
BROOKLYN	S106698082	STREET	GARRISON & SEBA AVE		NY Spills
BROOKLYN	1010787578	NYCT - J LINE BENTS J608B TO J1028	GATES AVE & BROADWAY TO ELDERT	11221	RCRA-SQG

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S109581900	DRUM RUN	GERRY ST & HARRISON AVE INTER		NY Spills
BROOKLYN	2003633309	55 GOLD STREET/ JOHN STREET	55 GOLD STREET/ JOHN STREET		ERNS
BROOKLYN	S106383560	STREET INTERSECTION	GOWANUS EXPY & 92ND		NY Spills
BROOKLYN	S111159599	IN THE STREET	GOWANUS EXPRESSWAY 6TH AVE		NY Spills
BROOKLYN	S102961680	GRAND STREET BRIDGE	GRAND ST		NY Spills, NY Hist Spills
BROOKLYN	2007446504	GRAND STREET	GRAND STREET		HMIRS
BROOKLYN	2007446430	GRAND STREET	GRAND STREET		HMIRS
BROOKLYN	97408280	GRAND STREET BRIDGE	GRAND STREET BRIDGE		ERNS
BROOKLYN	2008447862	GRAND STREET	GRAND STREET		HMIRS
BROOKLYN	S102147117	GRATTAN STREET	GRATTAN ST		NY Spills, NY Hist Spills
BROOKLYN	2007318749	GREEN STREET AN MCGUINESS BLVD.	GREEN STREET AN MCGUINESS BLVD		ERNS
BROOKLYN	U003384878	575 HANOCK STREET	575 HANOCK ST	11221	AST, HIST AST
BROOKLYN	1009241753	CONSOLIDATED EDISON	MH677 HARRISON ALY & EVANS		MANIFEST
BROOKLYN	S106007493	MANHOLE #668	HARRISON ALY & EVAN ST		NY Spills
BROOKLYN	S106007454	MANHOLE #670	HARRISON ALY & EVAN ST		NY Spills
BROOKLYN	S106969804	MANHOLE #73645	HARRISON AVENUE NEAR BARTLETT		NY Spills
BROOKLYN	S110242337	LOT 1,TAXBLOCK 2266	HARRISON AVE	11206	E DESIGNATION
BROOKLYN	S110242346	LOT 136,TAXBLOCK 2245	HARRISON AVE	11206	E DESIGNATION
BROOKLYN	S110242417	LOT 44,TAXBLOCK 2245	HARRISON AVE	11206	E DESIGNATION
BROOKLYN	94370471	HAVA DAIRY BOND STREET	HAVA DAIRY BOND STREET		ERNS
BROOKLYN	S102663097	HERKIMER ST AND BROADWAY	HERKIMER ST & BROADWAY		NY Spills, NY Hist Spills
BROOKLYN	S102146992	HILLARY STREET	HILLARY ST		NY Spills, NY Hist Spills
BROOKLYN	2011966057	HOLSEY STREET STATION	HOLSEY STREET STA		ERNS
BROOKLYN	8712898	HOPKINS AVENUE AND FULTON STREET I	HOPKINS AVENUE AND FULTON STRE		ERNS
BROOKLYN	S102146473	4TH STREET	HOYT & BOND ST		NY Spills, NY Hist Spills
BROOKLYN	S102560339	FRANKLIN STREET	HURON ST		NY Spills, NY Hist Spills
BROOKLYN	S106013277	SERVICE BOX #SB43380	IFO 1021A UNION ST		NY Spills
BROOKLYN	S109828747	STREET	INTERSECTION CENTRAL AVE & CH		NY Spills
BROOKLYN	2008878065	INTERSECTION OF HICKS AND KANE STR	INTERSECTION OF HICKS AND KANE		ERNS
BROOKLYN	98456693	INTERSECTION OF BROADWAY AND FULTO	INTERSECTION OF BROADWAY AND F		ERNS
BROOKLYN	S102149908	KENT & N. 12TH STREET	KENT N 12TH ST		NY Spills, NY Hist Spills
BROOKLYN	S111157439	K-NASSAU WORKS MGP	KENT AVE	11205	SHWS
BROOKLYN	S108636535	IN THE STREET	KENTH AVE		NY Spills
BROOKLYN	S103938400	BOX 38486	KINGS HWY & ROCKAWAY PARK		NY Spills, NY Hist Spills
BROOKLYN	S111011885	TO ROADWAY	KINGS HWY		NY Spills
BROOKLYN	S111011715	ROADWAY	KINGS HIGHWAY AND OCEAN PKWY		NY Spills
BROOKLYN	1007208397	CONSOLIDATED EDISON	MH38210 KINGS HWY & W 7TH ST		RCRA-NonGen, MANIFEST
BROOKLYN	1009234540	NYNEX	KINGS HWY & AVE H		MANIFEST
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HWY		NY Spills
BROOKLYN	S103560204	KNAPP STREET, CONEY ISLAN	KNAPP ST		NY Spills, NY Hist Spills
BROOKLYN	92267208	KNAPP STREET	KNAPP STREET		ERNS
BROOKLYN	S106736211	KNAPP STREET	KNAPP ST		NY Spills
BROOKLYN	S106384772	STREET INTERSECTION	LIVINGSTON & SCHEMNERHORN		NY Spills
BROOKLYN	S104652978	METROPOLITIAN AV AND	110 LORIMER ST	11206	NY Spills, NY Hist Spills
BROOKLYN	S108294555	BMT L LINE	LORIMER & METROPOLITIAN		NY Spills
BROOKLYN	S109064554	BELL ATLANTIC-NY	LORIMER ST & BQ EXPWY MANHOLE		MANIFEST
BROOKLYN	S109786223	NEW YORK TELEPHONE COMPANY	LORIMER SDT & METROPOLITAN	11211	MANIFEST

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S110046444	CONSOLIDATED EDISON	LORIMER ST & BROADWAY MH14480		MANIFEST
BROOKLYN	S102142035	LIVINGSTON ST @ BOERUM PL	LVNGSTN BETW BOERUM SMITH		NY Spills, NY Hist Spills
BROOKLYN	1009243231	CONSOLIDATED EDISON	2572 20 LYNCH ST		MANIFEST
BROOKLYN	S109064555	BELL ATLANTIC-NY	LYNCH ST		MANIFEST
BROOKLYN	1007205494	BELL ATLANTIC-NY	LYNCH ST BET HARRISON	00000	RCRA-NonGen
BROOKLYN	U003394627	651 MADISON STREET	651 MADISON STREET	11221	HIST AST
BROOKLYN	S104787727	MANHOLE AT BOX STREET AND	MANHATTAN AVE		NY Spills, NY Hist Spills
BROOKLYN	1009244175	NYNEX	MANHOLE UNION ST		MANIFEST
BROOKLYN	S110752200	ON THE STREET 580 -574 MAPLE AVE	MAPLE AVE		NY Spills
BROOKLYN	S106002644	STREET	MARCUS GDN & BROADWAY		NY Spills
BROOKLYN	S106720728	VAULT # TMI987	MARCY ANNE & N OF BROADWAY		NY Spills
BROOKLYN	S108667325	K - EQUITY WORKS	MASPETH & VANDERVORT AVES	11211	SHWS
BROOKLYN	S110540713	STREET SIDE	318 MCDUGALL ST		NY Spills
BROOKLYN	2006800198	MENAHAN STREET	MENAHAN STREET		ERNS
BROOKLYN	S104654118	MANHOLE 55935	MIDDLETON STREET+LEE		NY Spills, NY Hist Spills
BROOKLYN	S104654119	MANHOLE 55934	MIDDLETON STREET+WALLABOU		NY Spills, NY Hist Spills
BROOKLYN	S105058861	MANHOLE 55941	MIDDLETON ST & BROADWAY		NY Spills, NY Hist Spills
BROOKLYN	S102149972	291-A MONROE STREET	2910 MONROE ST		NY Spills, NY Hist Spills
BROOKLYN	S103271837	MONTAGUE STREET	MONTAGUE ST		NY Spills, NY Hist Spills
BROOKLYN	1007765386	COOPER TANK - 215 MOORE STREET	215 MOORE ST - BUSHWICK AVENUE	11206	FINDS
BROOKLYN	S111012147	IN THE STREET	MOTHER GASPON AND SUTTER AVE		NY Spills
BROOKLYN	S102144594	175 FALMOUTH STREET / BRO	MRS ISAACS PVT DWELL		NY Spills, NY Hist Spills
BROOKLYN	S104789071	MANHOLE 10404	SW MYRTLE & BROADWAY		NY Spills, NY Hist Spills
BROOKLYN	1001224430	MTA NYCT - MYRTLE & WILLOUGHBY AVE	MYRTLE & UNION AVE	11206	RCRA-NonGen, FINDS
BROOKLYN	S110046486	CONSOLIDATED EDISON	MYTLE & THROOP 10366		MANIFEST
BROOKLYN	S103274217	STREET BY NYNEX GARAGE	NEPTUNE AVENUE BY 12TH ST		NY Spills, NY Hist Spills
BROOKLYN	S106126094	DOUGLASS STREET AND	NEVIS ST & 3RD AVE		NY Spills
BROOKLYN	S109205537	STREET	890 NEW LOTTS		NY Spills
BROOKLYN	S106013020	EAST 94TH STREET AND	E NEW YORK AVE		NY Spills
BROOKLYN	S106719254	STREET	NINTH SAINTBETWEEN 2ND & 3RD		NY Spills
BROOKLYN	S106968463	STREET SPILL	E NY AVE & E 95TH ST		NY Spills
BROOKLYN	2011971335	SOUTH OF THE STATION AT HALSEY STR	S OF THE STATION AT HALSEY ST		ERNS
BROOKLYN	S111738190	ROADWAY/NASSAU EXPRESSWAY	OFF WAY RAMP BETWWEN THE VANWY		NY Spills
BROOKLYN	S103936168	BEHIND WHITMAN DR	OHIO STATE WALK & E 66TH ST		NY Spills, NY Hist Spills
BROOKLYN	2002593058	OLD FULTON STREET	OLD FULTON STREET	0	ERNS
BROOKLYN	1014396324	CON EDISON - MANHOLE 275	OPP 318 BOERUM ST & WHITE ST	11206	RCRA-LQG
BROOKLYN	S110046529	CONSOLIDATED EDISON	OPP 318 BOERUM ST & WHITE ST	11206	MANIFEST
BROOKLYN	S102240282	80TH STREET BRIDGE	OVER BELT PKWY		NY Spills, NY Hist Spills
BROOKLYN	S102144583	69TH STREET & NARROWS / B	OWLS HEAD STP		NY Spills, NY Hist Spills
BROOKLYN	S106968985	STREET SPILL	PARKSIDE AVE & CONEY IS		NY Spills
BROOKLYN	S102240042	JAY STREET	PLYMOUTH ST		NY Spills, NY Hist Spills
BROOKLYN	S111455786	K - PLYMOUTH STATION	PLYMOUTH HUDSON WATER & GOLD	11206	SHWS
BROOKLYN	S102560644	TILLARY STREET AND	PRINCE ST		NY Spills, NY Hist Spills
BROOKLYN	1009242600	CONSOLIDATED EDISON	V5517 PULASKI ST E & O THROOP		MANIFEST
BROOKLYN	S102141467	RAMP TO I278	RAMP 278		NY Spills, NY Hist Spills
BROOKLYN	S106015273	SB PROSPECT EXPRESSWAY	RAMP		NY Spills
BROOKLYN	S103570427	1565 62 STREET	RESIDENTS		NY Spills, NY Hist Spills

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	99618314	RIVER STREET AND GRAND ST 94TH POL	RIVER STREET AND GRAND ST 94TH		ERNS
BROOKLYN	93337470	EAST RIVER BETWEEN N13 TO N16 STRE	EAST RIVER BETWEEN N13 TO N16		ERNS
BROOKLYN	S105058167	NORTH 1ST STREET AND	RIVER		NY Spills, NY Hist Spills
BROOKLYN	S103938065	RUSSEL STREET	RUSSELL ST		NY Spills, NY Hist Spills
BROOKLYN	S110487592	K - SCHOLLES ST. STATION	SCHOLLES ST 7 BOGART STS MESSER		SHWS
BROOKLYN	99609665	SHEEPSHEAD BAY CROSS STREET OF EMM	SHEEPSHEAD BAY CROSS STREET OF		ERNS
BROOKLYN	89111234	SHORE PARKWAY BETWEEN BAY 14TH STR	SHORE PARKWAY BETWEEN BAY 14TH		ERNS
BROOKLYN	S103935975	MANHOLE #43243	WEST SIDE UNION AVE		NY Spills, NY Hist Spills
BROOKLYN	2008861865	SMITH STREET AND 9TH STREET	SMITH STREET AND 9TH STREET		ERNS
BROOKLYN	S107488773	STREET SPILL	SMITH ST & ATLANTIC AVE		NY Spills
BROOKLYN	S105142575	PRESIDENT STREET AND	SMITH ST		NY Spills, NY Hist Spills
BROOKLYN	S102143752	SMITH STREET	SMITH ST		SWF/LF, NY Spills, NY Hist Spills
BROOKLYN	S106699727	205	STATE ST		NY Spills
BROOKLYN	2000670704	STREET	STREET		ERNS
BROOKLYN	2008884371	52 STREET AND 1ST AVENUE	52 STREET AND 1ST AVENUE		ERNS
BROOKLYN	2000671706	H STREET	H STREET		ERNS
BROOKLYN	S102238218	64 TEN EYKE STREET	64 TEN EYCK ST	11206	NY Spills, NY Hist Spills
BROOKLYN	S105057947	KENT AND KEEP STREET	ON THE CORNER		NY Spills, NY Hist Spills
BROOKLYN	S104284247	RODNEY STREET	IN THE AREA OF 485		NY Spills, NY Hist Spills
BROOKLYN	1007206799	VO4617	THROOP AVE	11206	RCRA-NonGen, MANIFEST
BROOKLYN	S110242345	LOT 129,TAXBLOCK 2250	THROOP AVE	11206	E DESIGNATION
BROOKLYN	S110242379	LOT 28,TAXBLOCK 2269	THROOP AVE	11206	E DESIGNATION
BROOKLYN	S110242388	LOT 31,TAXBLOCK 2269	THROOP AVE	11206	E DESIGNATION
BROOKLYN	S110242390	LOT 32,TAXBLOCK 2266	THROOP AVE	11206	E DESIGNATION
BROOKLYN	S111318968	IN THE STREET AND SEWER	1748 TROUTMAN ST		NY Spills
BROOKLYN	S108764295	UNION STREET BRIDGE	UNION BRG		NY Spills
BROOKLYN	S104283992	MANHOLE 4932	UNION AVE		NY Spills, NY Hist Spills
BROOKLYN	1007208323	CONSOLIDATED EDISON	MH149 UNION AVE & AINSLIE ST		RCRA-NonGen, MANIFEST
BROOKLYN	1009239377	CONSOLIDATED EDISON	MH208 UNION AVE & JOHNSON AVE	11211	MANIFEST
BROOKLYN	1014396161	CON EDISON - MANHOLE 208	UNION AVE	11206	RCRA-LQG
BROOKLYN	S107522443	UNION AVENUE	ON UNION AVE		NY Spills
BROOKLYN	S110242394	LOT 35,TAXBLOCK 2245	UNION AVE	11206	E DESIGNATION
BROOKLYN	S102148323	20TH STREET	UNK FAC ON 20TH AVE		NY Spills, NY Hist Spills
BROOKLYN	96482518	UNKNOWN SHEEN ON THE STREET	UNKNOWN SHEEN ON THE STREET		ERNS
BROOKLYN	2010931882	IN FRONT OF THIS ADDRESS 231 VARIC	231 VARICK ST		ERNS
BROOKLYN	S110242351	LOT 149,TAXBLOCK 2245	WALTON ST	11206	E DESIGNATION
BROOKLYN	S110487593	K - WYTHE AVE. STATION	WYTHE AVENUE BERRY ST N & 13T	11211	SHWS
BROOKLYN	S110307360	218248; YORK STREET AND GREEN LANE	YORK ST & GREEN LN		NY Spills
BROOKLYN	S104194939	TM 2470	YORK STATE & HUDSON AVE		NY Spills, NY Hist Spills
KINGS COUNTY	S109208226	210608; BROADWAY; M-1026	BROADWAY; M-1026		NY Spills
KINGS COUNTY	S109207895	205842; KINGS HWY	KINGS HWY		NY Spills
KINGS COUNTY	S109208049	208013; UNION ST; SB43384 - F/O 10	UNION ST; SB43384 - F/O 1038 U		NY Spills

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/08/2012	Source: EPA
Date Data Arrived at EDR: 05/10/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 5	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 08/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/13/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 08/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 09/05/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 12/24/2012
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 09/05/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 12/24/2012
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 07/02/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/15/2012
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 05/21/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/23/2012	Telephone: 518-402-9622
Date Made Active in Reports: 06/21/2012	Last EDR Contact: 08/23/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/03/2012
	Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 05/01/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/23/2012	Telephone: 518-402-9814
Date Made Active in Reports: 07/03/2012	Last EDR Contact: 08/24/2012
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/03/2012
	Data Release Frequency: Varies

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/06/2012
Date Data Arrived at EDR: 07/09/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 05/22/2012
Date Data Arrived at EDR: 05/23/2012
Date Made Active in Reports: 07/03/2012
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/25/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

TANKS: Storage Tank Facility Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 07/02/2012
Date Data Arrived at EDR: 07/03/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 07/02/2012
Date Data Arrived at EDR: 07/03/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 07/02/2012
Date Data Arrived at EDR: 07/03/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 07/02/2012
Date Data Arrived at EDR: 07/03/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/02/2012
Date Data Arrived at EDR: 07/03/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/28/2012
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 76

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 07/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/07/2012	Source: EPA Region 10
Date Data Arrived at EDR: 05/08/2012	Telephone: 206-553-2857
Date Made Active in Reports: 07/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 69	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011	Source: EPA Region 9
Date Data Arrived at EDR: 11/29/2011	Telephone: 415-972-3368
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/12/2012
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/29/2012
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/21/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/23/2012	Telephone: 518-402-9553
Date Made Active in Reports: 06/21/2012	Last EDR Contact: 08/23/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/03/2012
	Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 05/21/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/23/2012	Telephone: 518-402-9553
Date Made Active in Reports: 06/21/2012	Last EDR Contact: 08/23/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/03/2012
	Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/11/2011
Number of Days to Update: 50

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/23/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/17/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 42

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a \$200 million Environmental Restoration or Brownfields Fund as part of the \$1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/23/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/23/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2011	Telephone: 202-566-2777
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/25/2012
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/08/2012
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/03/2012
Number of Days to Update: 137	Next Scheduled EDR Contact: 10/08/2012
	Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 07/06/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/09/2012	Telephone: 518-402-8705
Date Made Active in Reports: 08/10/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/15/2006	Telephone: 518-402-8694
Date Made Active in Reports: 11/30/2006	Last EDR Contact: 07/27/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/05/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998

Date Data Arrived at EDR: 12/03/2007

Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245

Last EDR Contact: 08/03/2012

Next Scheduled EDR Contact: 11/19/2012

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/16/2012

Date Data Arrived at EDR: 06/12/2012

Date Made Active in Reports: 07/16/2012

Number of Days to Update: 34

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 09/05/2012

Next Scheduled EDR Contact: 12/17/2012

Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 05/21/2012

Date Data Arrived at EDR: 05/23/2012

Date Made Active in Reports: 06/21/2012

Number of Days to Update: 29

Source: Department of Environmental Conservation

Telephone: 518-402-9622

Last EDR Contact: 08/23/2012

Next Scheduled EDR Contact: 12/03/2012

Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007

Date Data Arrived at EDR: 11/19/2008

Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002

Date Data Arrived at EDR: 06/02/2006

Date Made Active in Reports: 07/20/2006

Number of Days to Update: 48

Source: Department of Environmental Conservation

Telephone: 518-402-9549

Last EDR Contact: 10/23/2006

Next Scheduled EDR Contact: 01/22/2007

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/27/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 05/15/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 35

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 08/08/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Annually

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/22/2012
Date Data Arrived at EDR: 05/23/2012
Date Made Active in Reports: 07/03/2012
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/01/2011	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/25/2012	Telephone: Varies
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 06/27/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/15/2012
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012	Source: EPA
Date Data Arrived at EDR: 03/14/2012	Telephone: 703-416-0223
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 09/12/2012
Number of Days to Update: 92	Next Scheduled EDR Contact: 12/24/2012
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 08/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 09/04/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/17/2012
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 08/31/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/29/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/08/2012
	Data Release Frequency: Every 4 Years

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/22/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/22/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/10/2012
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/27/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/21/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 10/08/2012
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/19/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/29/2012
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 09/05/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 12/24/2012
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 07/11/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (212) 637-3000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 09/11/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/24/2012
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/31/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/13/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 58

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/12/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 06/20/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 52

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/19/6182
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/16/2012
Date Data Arrived at EDR: 07/16/2012
Date Made Active in Reports: 08/14/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/24/2011
Date Made Active in Reports: 11/03/2011
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 07/27/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 03/28/2012
Date Data Arrived at EDR: 06/27/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 44

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/24/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 08/14/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/14/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/25/2008
Date Made Active in Reports: 12/11/2008
Number of Days to Update: 16

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 08/16/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 11/26/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 07/10/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/12/2012	Telephone: 518-402-8660
Date Made Active in Reports: 08/14/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/19/2012
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/29/2012
	Data Release Frequency: N/A

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 07/06/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/09/2012	Telephone: 518-402-8660
Date Made Active in Reports: 08/10/2012	Last EDR Contact: 07/05/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 07/02/2012	Source: Cortland County Health Department
Date Data Arrived at EDR: 07/03/2012	Telephone: 607-753-5035
Date Made Active in Reports: 08/10/2012	Last EDR Contact: 05/07/8062
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 07/02/2012	Source: Cortland County Health Department
Date Data Arrived at EDR: 07/03/2012	Telephone: 607-753-5035
Date Made Active in Reports: 08/10/2012	Last EDR Contact: 05/07/8062
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003	Source: Nassau County Health Department
Date Data Arrived at EDR: 05/27/2003	Telephone: 516-571-3314
Date Made Active in Reports: 06/09/2003	Last EDR Contact: 07/05/2012
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: No Update Planned

Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 05/07/8062
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 05/21/2003	Source: Nassau County Health Department
Date Data Arrived at EDR: 05/27/2003	Telephone: 516-571-3314
Date Made Active in Reports: 06/09/2003	Last EDR Contact: 07/05/2012
Number of Days to Update: 13	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 05/07/8062
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/19/2012
	Data Release Frequency: Varies

ROCKLAND COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 07/05/2012
Date Data Arrived at EDR: 07/09/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 32

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 07/05/2012
Date Data Arrived at EDR: 07/09/2012
Date Made Active in Reports: 08/10/2012
Number of Days to Update: 32

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 09/10/2012
Next Scheduled EDR Contact: 12/24/2012
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Annually

Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 09/13/2006
Date Data Arrived at EDR: 01/11/2007
Date Made Active in Reports: 02/07/2007
Number of Days to Update: 27

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/07/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Annually

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 05/18/2012
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 34

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 05/18/2012
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 34

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 05/31/2012
Number of Days to Update: 9

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/20/2012
Next Scheduled EDR Contact: 12/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 04/27/2012
Date Made Active in Reports: 06/05/2012
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/23/2012
Next Scheduled EDR Contact: 12/10/2012
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 08/09/2012
Date Data Arrived at EDR: 08/15/2012
Date Made Active in Reports: 09/13/2012
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/23/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers

Source: Department of Health

Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

213 MIDDLETON STREET
213 MIDDLETON STREET
BROOKLYN, NY 11206

TARGET PROPERTY COORDINATES

Latitude (North):	40.7037 - 40° 42' 13.32"
Longitude (West):	73.95 - 73° 57' 0.00"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588704.0
UTM Y (Meters):	4506184.5
Elevation:	16 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	40073-F8 BROOKLYN, NY
Most Recent Revision:	1995

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 principal 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).

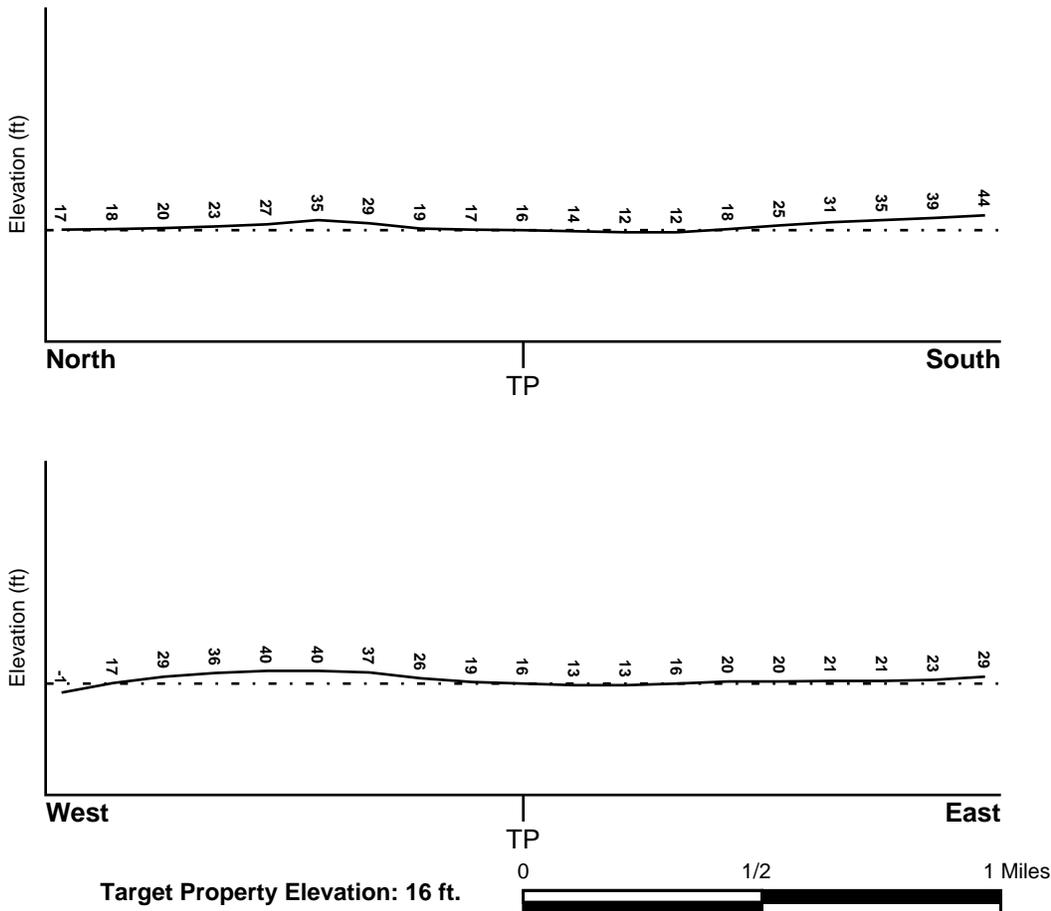
TOPOGRAPHIC INFORMATION

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 ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> KINGS, NY	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	360497 - FEMA DFIRM Flood data
Additional Panels in search area:	3604970048B - FEMA Q3 Flood data 3604970047B - FEMA Q3 Flood data 3604970055B - FEMA Q3 Flood data 3604970063B - FEMA Q3 Flood data 3604970064B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

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

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

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Location Relative to TP:	1 - 2 Miles WSW
Site Name:	Naval Station Ny
Site EPA ID Number:	NY5170022250
Groundwater Flow Direction:	NOT AVAILABLE.
Measured Depth to Water:	14 feet in a well located 1 mile southeast of the site.
Hydraulic Connection:	Information is not available about the hydraulic connection between the surficial aquifer (upper glacial till) and underlying aquifer(s). Bedrock is present at an estimated depth of 100 feet.
Sole Source Aquifer:	A sole source aquifer is present at or near the site
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Cretaceous
Series: Upper Cretaceous
Code: uK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

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

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

OTHER SOIL TYPES IN AREA

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

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

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

Shallow Soil Types: sandy loam

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

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS2118659	0 - 1/8 Mile SW
A2	USGS2118660	1/8 - 1/4 Mile SW
B3	USGS2118598	1/8 - 1/4 Mile SSW
C4	USGS2113402	1/8 - 1/4 Mile SSE
C5	USGS2113403	1/8 - 1/4 Mile SSE
C6	USGS2574666	1/8 - 1/4 Mile SSE
C7	USGS2118572	1/8 - 1/4 Mile SSE
C8	USGS2479175	1/8 - 1/4 Mile SSE
C9	USGS2118574	1/8 - 1/4 Mile SSE
C10	USGS2118573	1/8 - 1/4 Mile SSE
C11	USGS2118771	1/8 - 1/4 Mile SSE
C12	USGS2118772	1/8 - 1/4 Mile SSE
B13	USGS2574667	1/8 - 1/4 Mile SSW
C14	USGS2118752	1/8 - 1/4 Mile South
C15	USGS2118751	1/8 - 1/4 Mile South
C16	USGS2118750	1/4 - 1/2 Mile South
C17	USGS2118770	1/4 - 1/2 Mile SSE
18	USGS2118628	1/4 - 1/2 Mile ESE
19	USGS2118356	1/4 - 1/2 Mile NW
20	USGS2118730	1/4 - 1/2 Mile South
21	USGS2118729	1/4 - 1/2 Mile SSE
22	USGS2118728	1/4 - 1/2 Mile SE
23	USGS2118416	1/4 - 1/2 Mile NW
D24	USGS2118395	1/4 - 1/2 Mile NE
D25	USGS2118415	1/4 - 1/2 Mile NE
26	USGS2118249	1/4 - 1/2 Mile NNE
27	USGS2118514	1/4 - 1/2 Mile West
E28	USGS2118856	1/4 - 1/2 Mile SSW
29	USGS2118401	1/4 - 1/2 Mile WNW
30	USGS2118298	1/2 - 1 Mile NNW
31	USGS2118444	1/2 - 1 Mile NE
E32	USGS2118835	1/2 - 1 Mile SSW
33	USGS2118467	1/2 - 1 Mile West
E34	USGS2118842	1/2 - 1 Mile SSW
35	USGS2118613	1/2 - 1 Mile WSW
F36	USGS2118414	1/2 - 1 Mile ENE
F37	USGS2118426	1/2 - 1 Mile ENE
G38	USGS2118312	1/2 - 1 Mile NE
G39	USGS2118311	1/2 - 1 Mile NE
H40	USGS2118183	1/2 - 1 Mile North
41	USGS2118637	1/2 - 1 Mile West
42	USGS2118796	1/2 - 1 Mile SSW
H43	USGS2118190	1/2 - 1 Mile North
I44	USGS2118387	1/2 - 1 Mile ENE
J46	USGS2118597	1/2 - 1 Mile ESE
J47	USGS2118596	1/2 - 1 Mile ESE
I48	USGS2118386	1/2 - 1 Mile ENE
49	USGS2118278	1/2 - 1 Mile WNW
50	USGS2118385	1/2 - 1 Mile ENE
51	USGS2118960	1/2 - 1 Mile SSE
52	USGS2118862	1/2 - 1 Mile ESE
K53	USGS2118627	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
K54	USGS2118626	1/2 - 1 Mile East
55	USGS2118022	1/2 - 1 Mile NNE
56	USGS2118072	1/2 - 1 Mile North
K57	USGS2118647	1/2 - 1 Mile East
58	USGS2118289	1/2 - 1 Mile ENE
K59	USGS2118595	1/2 - 1 Mile East
60	USGS2118492	1/2 - 1 Mile West
61	USGS2118400	1/2 - 1 Mile ENE
62	USGS2118658	1/2 - 1 Mile East
L63	USGS2118836	1/2 - 1 Mile WSW
M64	USGS2118055	1/2 - 1 Mile NNW
65	USGS2118921	1/2 - 1 Mile SSW
L66	USGS2118828	1/2 - 1 Mile WSW
L67	USGS2118829	1/2 - 1 Mile WSW
68	USGS2118491	1/2 - 1 Mile East
N69	USGS2118769	1/2 - 1 Mile ESE
M70	USGS2118066	1/2 - 1 Mile NNW
71	USGS2118807	1/2 - 1 Mile SE
N72	USGS2118594	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
45	NY0007257	1/2 - 1 Mile NNW

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

STATE DATABASE WELL INFORMATION

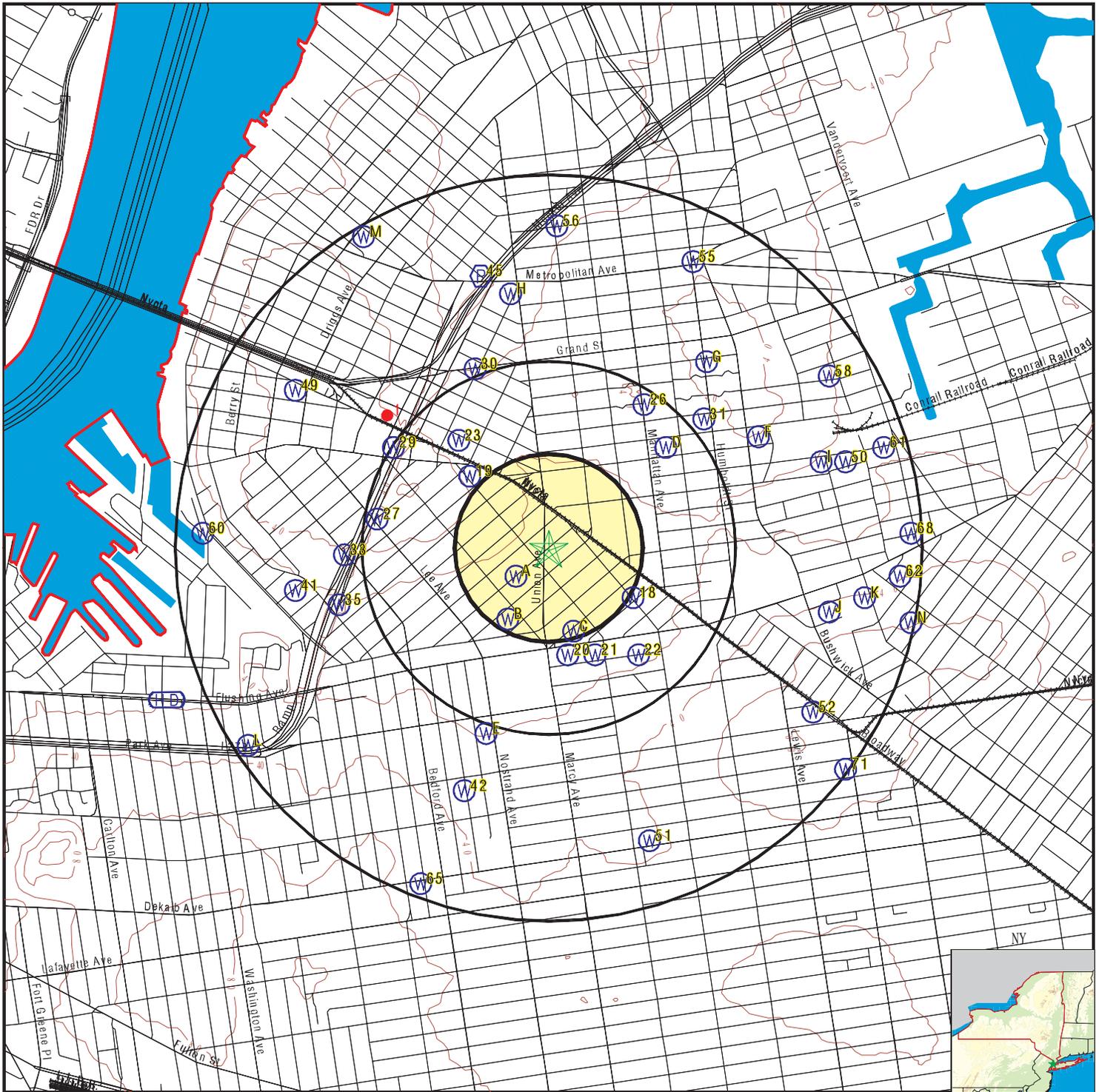
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NYOG70000000029	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 3410586.2s



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

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



SITE NAME: 213 Middleton Street
 ADDRESS: 213 Middleton Street
 Brooklyn NY 11206
 LAT/LONG: 40.7037 / 73.95

CLIENT: Env. Business Consultants
 CONTACT: Charles Sosik
 INQUIRY #: 3410586.2s
 DATE: September 14, 2012 10:19 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
SW
0 - 1/8 Mile
Higher

FED USGS USGS2118659

Agency cd:	USGS	Site no:	404209073570601
Site name:	K 29. 1		
Latitude:	404209	EDR Site id:	USGS2118659
Longitude:	0735706	Dec lat:	40.70260272
Dec lon:	-73.95124911	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1235	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	78.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1937-11-08	Ground water data end date:	1939-03-24
Ground water data count:	66		

Ground-water levels, Number of Measurements: 66

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-03-24		-24.57	1939-03-12		-24.72
1939-03-10		-24.62	1939-03-03		-24.59
1939-02-24		-24.54	1939-02-17		-24.52
1939-02-10		-24.50	1939-02-03		-24.54
1939-01-27		-24.80	1939-01-20		-24.78
1939-01-13		-24.68	1939-01-06		-24.70
1938-12-30		-24.76	1938-12-23		-24.88
1938-12-16		-24.94	1938-12-02		-25.00
1938-11-25		-24.97	1938-11-18		-24.89
1938-11-11		-24.69	1938-11-04		-24.89
1938-10-28		-24.88	1938-10-21		-24.85
1938-10-14		-24.85	1938-10-07		-24.77
1938-09-30		-24.67	1938-09-16		-25.10
1938-09-09		-24.94	1938-09-02		-24.96
1938-08-26		-24.86	1938-08-19		-24.93

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-08-12		-24.89	1938-08-05		-24.83
1938-07-22		-24.84	1938-07-15		-24.79
1938-07-08		-24.61	1938-07-01		-24.63
1938-06-11		-24.41	1938-06-04		-24.43
1938-05-28		-24.40	1938-05-21		-24.46
1938-05-07		-24.34	1938-04-30		-24.37
1938-04-23		-24.43	1938-04-16		-24.47
1938-04-09		-23.90	1938-03-26		-24.07
1938-03-19		-24.32	1938-03-12		-24.18
1938-03-05		-24.09	1938-02-26		-24.48
1938-02-19		-24.59	1938-02-12		-24.44
1938-02-04		-24.76	1938-01-28		-24.88
1938-01-21		-24.73	1938-01-14		-24.82
1938-01-07		-24.65	1937-12-31		-24.78
1937-12-24		-24.75	1937-12-18		-24.63
1937-12-11		-24.90	1937-12-04		-24.89
1937-11-27		-24.89	1937-11-20		-24.88
1937-11-13		-24.63	1937-11-08		-24.81

**A2
SW
1/8 - 1/4 Mile
Higher**

FED USGS USGS2118660

Agency cd:	USGS	Site no:	404209073570908
Site name:	K 65. 1	EDR Site id:	USGS2118660
Latitude:	404209	Dec lat:	40.70260272
Longitude:	0735709	Coor meth:	M
Dec lon:	-73.95208247	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1225		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	59.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1937-11-08	Ground water data end date:	1968-11-06
Ground water data count:	468		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 468

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1968-11-06		0.65	1967-10-20		0.51
1966-10-24		5.43	1966-05-03		-0.40
1965-10-27		-0.59	1965-09-14		-0.71
1965-05-03		6.73	1964-10-30		-1.63
1964-04-23		-0.90	1963-10-19		-1.07
1963-04-29		-0.68	1962-11-09		-0.71
1962-04-26		-0.70	1961-12-27		-1.75
1961-10-02		-2.95	1961-06-29		-3.94
1960-09-28		-2.66	1960-07-05		-3.44
1960-03-30		-3.13	1960-01-14		-2.56
1959-10-07		-3.82	1959-07-16		-3.40
1959-03-18		-2.75	1958-01-10		-4.35
1957-09-24		-4.66	1957-06-27		-4.47
1957-03-27		-4.08	1956-12-18		-3.97
1956-11-29		-3.93	1956-10-25		-3.90
1956-10-02		-3.73	1956-08-02		-3.44
1956-07-03		-3.89	1956-06-05		-3.79
1956-05-15		-3.39	1956-03-05		-3.44
1956-02-07		-3.93	1955-12-22		-4.25
1955-11-15		-4.60	1955-10-07		-5.48
1955-07-26		-5.49	1955-06-23		-5.20
1955-05-25		-5.22	1955-04-26		-5.09
1955-03-29		-5.63	1955-02-21		-5.60
1955-01-25		-5.77	1954-12-27		-6.03
1954-12-02		-6.27	1954-10-28		-6.53
1954-10-05		-6.63	1954-08-25		-6.82
1954-07-29		-6.99	1954-06-29		-6.85
1954-05-27		-6.78	1954-04-28		-6.56
1954-03-30		-6.57	1954-02-25		-6.36
1954-01-28		-6.33	1953-12-23		-6.26
1953-12-02		-6.25	1953-10-28		-6.58
1953-10-02		-6.93	1953-08-28		-6.51
1953-08-03		-7.14	1953-06-24		-7.58
1953-05-25		-7.91	1953-04-27		-7.81
1953-02-27		-9.00	1953-02-05		-9.57
1952-12-18		-10.41	1952-11-03		-11.24
1952-09-22		-11.98	1952-08-25		-12.18
1952-07-23		-12.75	1952-06-24		-12.99
1952-05-27		-13.34	1952-04-29		-13.64
1952-03-24		-14.18	1952-02-20		-14.88
1952-01-29		-14.67	1951-12-20		-15.96
1951-11-28		-16.21	1951-11-02		-16.49
1951-09-26		-17.06	1951-08-28		-17.20
1951-07-26		-17.23	1951-06-28		-17.32
1951-05-29		-17.51	1951-05-02		-17.80
1951-03-27		-18.22	1951-02-26		-18.21
1951-01-30		-18.55	1950-12-20		-18.96
1950-11-28		-18.95	1950-10-31		-19.20
1950-09-27		-19.43	1950-08-29		-19.27
1950-07-27		-19.13	1950-06-29		-19.19
1950-06-05		-18.95	1950-04-27		-19.09
1950-03-29		-19.03	1950-03-01		-19.20
1950-01-26		-19.43	1949-12-28		-19.61
1949-11-28		-19.89	1949-10-31		-19.90
1949-09-28		-20.13	1949-08-31		-20.33

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-07-28		-20.50	1949-06-30		-20.74
1949-06-01		-20.78	1949-04-28		-21.18
1949-04-05		-21.42	1949-02-21		-22.00
1949-01-27		-22.17	1948-12-28		-22.46
1948-12-09		-22.77	1948-11-04		-22.89
1948-10-04		-23.16	1948-08-30		-23.18
1948-07-23		-23.50	1948-06-30		-23.67
1948-06-02		-23.92	1948-04-27		-24.29
1948-03-26		-24.62	1948-03-02		-24.74
1948-02-03		-24.96	1948-01-07		-25.10
1947-12-16		-25.56	1947-11-26		-25.53
1947-11-20		-25.52	1947-10-31		-25.66
1947-10-14		-25.69	1947-10-07		-25.75
1947-09-30		-25.72	1947-09-15		-25.83
1947-08-27		-25.80	1947-08-13		-25.73
1947-07-30		-25.90	1947-07-23		-25.93
1947-07-16		-25.70	1947-07-07		-25.71
1947-07-02		-25.76	1947-07-01		-25.71
1947-06-30		-25.73	1947-06-24		-25.65
1947-05-27		-25.71	1947-05-07		-25.71
1947-04-04		-25.70	1947-03-05		-25.47
1947-01-24		-25.32	1946-12-27		-25.40
1946-11-26		-25.26	1946-10-22		-25.27
1946-09-26		-25.19	1946-08-30		-25.13
1946-07-26		-24.90	1946-07-01		-24.69
1946-06-10		-24.57	1946-05-10		-24.52
1946-04-12		-24.62	1946-03-18		-24.66
1946-02-15		-24.86	1946-01-08		-25.12
1945-12-04		-25.27	1945-11-06		-25.40
1945-09-28		-25.27	1945-09-12		-25.19
1945-08-08		-25.10	1945-07-03		-25.01
1945-06-04		-24.81	1945-04-27		-24.78
1945-04-04		-24.87	1945-03-03		-24.74
1945-02-06		-24.85	1945-01-02		-25.06
1944-12-06		-25.06	1944-10-28		-25.12
1944-10-04		-25.19	1944-09-02		-25.23
1944-07-31		-25.14	1944-07-01		-24.97
1944-06-03		-24.70	1944-05-05		-24.81
1944-03-30		-24.56	1944-02-26		-24.76
1944-01-29		-24.66	1944-01-01		-24.80
1943-11-27		-25.11	1943-10-30		-25.40
1943-09-25		-25.48	1943-08-28		-25.44
1943-07-31		-25.53	1943-06-26		-25.58
1943-05-29		-25.61	1943-05-01		-25.66
1943-03-27		-25.68	1943-02-27		-25.78
1943-01-30		-25.88	1943-01-02		-25.73
1942-12-26		-25.91	1942-12-19		-26.15
1942-12-12		-26.01	1942-12-05		-26.14
1942-11-28		-26.03	1942-11-21		-26.07
1942-11-14		-26.08	1942-11-07		-26.02
1942-10-31		-25.92	1942-10-24		-26.02
1942-10-17		-25.89	1942-10-10		-25.94
1942-10-03		-25.91	1942-09-26		-25.90
1942-09-19		-25.80	1942-09-12		-25.77
1942-09-04		-25.79	1942-08-29		-25.71

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-08-22		-25.58	1942-08-15		-25.60
1942-08-08		-25.52	1942-08-01		-25.69
1942-07-25		-25.78	1942-07-18		-25.66
1942-07-11		-25.73	1942-07-04		-25.93
1942-06-27		-25.99	1942-06-20		-26.02
1942-06-13		-26.08	1942-06-06		-26.13
1942-05-30		-26.14	1942-05-23		-26.17
1942-05-16		-26.25	1942-05-09		-26.33
1942-05-02		-26.36	1942-04-25		-26.40
1942-04-18		-26.37	1942-04-11		-26.36
1942-04-04		-26.46	1942-03-28		-26.49
1942-03-21		-26.54	1942-03-14		-26.51
1942-03-07		-26.73	1942-02-28		-26.60
1942-02-21		-26.57	1942-02-14		-26.58
1942-02-07		-26.47	1942-01-31		-26.61
1942-01-24		-26.72	1942-01-17		-26.85
1942-01-10		-26.65	1942-01-03		-26.85
1941-12-27		-26.75	1941-12-20		-26.90
1941-12-13		-26.85	1941-12-06		-26.97
1941-11-29		-27.04	1941-11-22		-26.97
1941-11-15		-27.04	1941-11-08		-27.11
1941-11-01		-26.98	1941-10-25		-27.03
1941-10-18		-27.03	1941-10-11		-27.04
1941-10-04		-26.89	1941-09-27		-26.99
1941-09-20		-26.95	1941-09-13		-26.95
1941-09-06		-26.80	1941-08-30		-26.85
1941-08-23		-26.80	1941-08-16		-26.72
1941-08-09		-26.66	1941-08-02		-26.74
1941-07-26		-26.65	1941-07-19		-26.60
1941-07-12		-26.61	1941-07-05		-26.60
1941-06-28		-26.59	1941-06-21		-26.58
1941-06-14		-26.45	1941-06-07		-26.58
1941-05-31		-26.46	1941-05-24		-26.47
1941-05-17		-26.41	1941-05-10		-26.45
1941-05-03		-26.46	1941-04-26		-26.37
1941-04-19		-26.36	1941-04-12		-26.37
1941-04-05		-26.24	1941-03-29		-26.25
1941-03-22		-26.31	1941-03-15		-26.26
1941-03-08		-25.99	1941-03-01		-26.16
1941-02-22		-26.21	1941-02-15		-26.15
1941-02-08		-26.17	1941-02-01		-26.29
1941-01-25		-26.22	1941-01-18		-26.25
1941-01-11		-26.20	1941-01-04		-26.03
1940-12-28		-26.13	1940-12-21		-26.21
1940-12-14		-26.32	1940-12-07		-26.16
1940-11-30		-26.23	1940-11-23		-26.17
1940-11-16		-26.16	1940-11-09		-26.23
1940-11-02		-26.06	1940-10-26		-26.13
1940-10-19		-26.13	1940-10-12		-26.06
1940-10-05		-26.09	1940-09-28		-26.01
1940-09-21		-25.90	1940-09-14		-25.92
1940-09-07		-25.81	1940-08-31		-25.76
1940-08-24		-25.78	1940-08-17		-25.66
1940-08-10		-25.50	1940-08-03		-25.75
1940-07-27		-25.74	1940-07-20		-25.68

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1940-07-13		-25.66	1940-07-06		-25.52
1940-06-29		-25.60	1940-06-22		-25.65
1940-06-15		-25.56	1940-06-08		-25.57
1940-05-29		-25.58	1940-05-25		-25.55
1940-05-18		-25.52	1940-05-11		-25.51
1940-05-04		-25.46	1940-04-27		-25.51
1940-04-20		-25.41	1940-04-13		-25.38
1940-04-06		-25.58	1940-03-30		-25.53
1940-03-23		-25.60	1940-03-16		-25.60
1940-03-09		-25.61	1940-03-02		-25.67
1940-02-24		-25.61	1940-02-17		-25.66
1940-02-10		-25.59	1940-02-03		-25.68
1940-01-27		-25.69	1940-01-20		-25.70
1940-01-13		-25.73	1940-01-06		-25.68
1939-12-30		-25.57	1939-12-23		-25.91
1939-12-16		-25.76	1939-12-09		-25.84
1939-12-02		-25.67	1939-11-25		-25.75
1939-11-18		-25.71	1939-11-11		-25.70
1939-11-04		-25.81	1939-10-28		-25.99
1939-10-21		-25.79	1939-10-14		-25.71
1939-10-07		-25.89	1939-09-30		-25.94
1939-09-23		-26.08	1939-09-15		-26.30
1939-09-08		-26.63	1939-09-01		-27.89
1939-08-25		-28.34	1939-08-18		-28.25
1939-08-11		-28.20	1939-08-04		-28.12
1939-07-28		-28.02	1939-07-21		-27.94
1939-07-14		-27.67	1939-07-07		-27.59
1939-06-30		-27.30	1939-06-23		-27.00
1939-06-16		-26.52	1939-06-09		-25.65
1939-06-02		-24.41	1939-05-26		-24.46
1939-05-19		-24.42	1939-05-12		-24.51
1939-05-05		-24.44	1939-04-28		-24.49
1939-04-21		-24.52	1939-04-15		-24.35
1939-03-31		-24.41	1939-03-24		-24.40
1939-03-17		-24.51	1939-03-10		-24.49
1939-03-03		-24.49	1939-02-24		-24.36
1939-02-17		-24.45	1939-02-10		-24.43
1939-02-03		-24.44	1939-01-27		-24.64
1939-01-20		-24.68	1939-01-13		-24.65
1939-01-06		-24.55	1938-12-30		-24.63
1938-12-23		-24.81	1938-12-16		-24.86
1938-12-09		-24.78	1938-12-02		-24.91
1938-11-25		-24.86	1938-11-18		-24.86
1938-11-11		-24.76	1938-11-04		-24.86
1938-10-28		-24.86	1938-10-21		-24.76
1938-10-14		-24.70	1938-10-07		-24.75
1938-09-30		-24.45	1938-09-23		-24.66
1938-09-16		-24.93	1938-09-09		-24.85
1938-09-02		-24.84	1938-08-26		-24.81
1938-08-19		-24.81	1938-08-12		-24.78
1938-08-05		-24.60	1938-07-29		-24.64
1938-07-22		-24.70	1938-07-15		-24.64
1938-07-08		-24.60	1938-07-01		-24.59
1938-06-28		-24.52	1938-06-21		-24.46
1938-06-14		-24.51	1938-06-07		-24.36

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-05-21		-24.44	1938-05-14		-24.42
1938-05-07		-24.40	1938-04-30		-24.39
1938-04-23		-24.48	1938-04-16		-24.52
1938-04-09		-24.01	1938-04-02		-24.39
1938-03-26		-24.23	1938-03-19		-24.41
1938-03-12		-24.31	1938-03-05		-24.20
1938-02-26		-24.48	1938-02-19		-24.52
1938-02-04		-24.61	1938-01-28		-24.74
1938-01-21		-24.66	1938-01-14		-24.71
1938-01-07		-24.48	1937-12-31		-24.66
1937-12-24		-24.76	1937-12-18		-24.65
1937-12-11		-24.86	1937-12-04		-24.84
1937-11-27		-24.88	1937-11-20		-24.89
1937-11-13		-25.12	1937-11-08		-24.94

B3
SSW
1/8 - 1/4 Mile
Lower

FED USGS USGS2118598

Agency cd:	USGS	Site no:	404204073570801
Site name:	K 33. 1	EDR Site id:	USGS2118598
Latitude:	404204	Dec lat:	40.70121386
Longitude:	0735708	Coor meth:	M
Dec lon:	-73.95180468	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1226		
Altitude:	14.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	176.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Daily flow data end date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data begin date:	Not Reported	Water quality data begin date:	Not Reported
Peak flow data count:	Not Reported	Water quality data count:	Not Reported
Water quality data end date:	Not Reported	Ground water data end date:	Not Reported
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C4
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS2113402

Agency cd:	USGS	Site no:	405202073565801
Site name:	K 3123. 1	EDR Site id:	USGS2113402
Latitude:	404202	Dec lat:	40.70065832
Longitude:	0735658	Coor meth:	M
Dec lon:	-73.94902682	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1246		
Altitude:	14.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	179.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

C5
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS2113403

Agency cd:	USGS	Site no:	405202073565802
Site name:	K 3123. 2	EDR Site id:	USGS2113403
Latitude:	404202	Dec lat:	40.70065832
Longitude:	0735658	Coor meth:	M
Dec lon:	-73.94902682	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1246		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	14.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JAMECO AQUIFER		
Well depth:	168.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C6
SSE
1/8 - 1/4 Mile
Lower**

FED USGS USGS2574666

Agency cd:	USGS	Site no:	404202073565701
Site name:	K 1600. 1		
Latitude:	404202	EDR Site id:	USGS2574666
Longitude:	0735657	Dec lat:	40.70065832
Dec lon:	-73.94874904	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1246	Map scale:	Not Reported
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	157.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

C7
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS2118572

Agency cd:	USGS	Site no:	404202073565501
Site name:	K 64. 5	EDR Site id:	USGS2118572
Latitude:	404202	Dec lat:	40.70065832
Longitude:	0735655	Coor meth:	M
Dec lon:	-73.94819347	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1246		
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	165.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

C8
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS2479175

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404202073565504
Site name:	K 1275. 1		
Latitude:	404202	EDR Site id:	USGS2479175
Longitude:	0735655	Dec lat:	40.70065832
Dec lon:	-73.94819347	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1246	Map scale:	Not Reported
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	175.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

C9
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS2118574

Agency cd:	USGS	Site no:	404202073565503
Site name:	K 1274. 1		
Latitude:	404202	EDR Site id:	USGS2118574
Longitude:	0735655	Dec lat:	40.70065832
Dec lon:	-73.94819347	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1246	Map scale:	Not Reported
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	165.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

C10
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS2118573

Agency cd:	USGS	Site no:	404202073565502
Site name:	K 64. 6	EDR Site id:	USGS2118573
Latitude:	404202	Dec lat:	40.70065832
Longitude:	0735655	Coor meth:	M
Dec lon:	-73.94819347	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1246		
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	174.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C11
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS2118771

Agency cd:	USGS	Site no:	404201073565601
Site name:	K 1160. 1		
Latitude:	404201	EDR Site id:	USGS2118771
Longitude:	0735656	Dec lat:	40.70038055
Dec lon:	-73.94847125	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1246	Map scale:	Not Reported
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	155.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

C12
SSE
1/8 - 1/4 Mile
Lower

FED USGS USGS2118772

Agency cd:	USGS	Site no:	404201073565602
Site name:	K 1629. 1		
Latitude:	404201	EDR Site id:	USGS2118772
Longitude:	0735656	Dec lat:	40.70038055
Dec lon:	-73.94847125	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1246	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	170.	Hole depth:	170.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

B13
SSW
1/8 - 1/4 Mile
Lower

FED USGS USGS2574667

Agency cd:	USGS	Site no:	404202073571001
Site name:	K 2069. 1	EDR Site id:	USGS2574667
Latitude:	404202	Dec lat:	40.70065832
Longitude:	0735710	Coor meth:	M
Dec lon:	-73.95236025	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1226		
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	177.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

C14
South
1/8 - 1/4 Mile
Lower

FED USGS USGS2118752

Agency cd:	USGS	Site no:	404200073570102
Site name:	K 1344. 1	EDR Site id:	USGS2118752
Latitude:	404200	Dec lat:	40.70010278
Longitude:	0735701	Coor meth:	M
Dec lon:	-73.94986018	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1236		
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	171.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

C15
South
1/8 - 1/4 Mile
Lower

FED USGS USGS2118751

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404200073570101
Site name:	K 1305. 1		
Latitude:	404200	EDR Site id:	USGS2118751
Longitude:	0735701	Dec lat:	40.70010278
Dec lon:	-73.94986018	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1236	Map scale:	Not Reported
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	166.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**C16
South
1/4 - 1/2 Mile
Lower**

FED USGS USGS2118750

Agency cd:	USGS	Site no:	404200073565901
Site name:	K 2434. 1		
Latitude:	404200	EDR Site id:	USGS2118750
Longitude:	0735659	Dec lat:	40.70010278
Dec lon:	-73.94930461	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1236	Map scale:	Not Reported
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	196.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

C17
SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS2118770

Agency cd:	USGS	Site no:	404201073565401
Site name:	K 64. 2	EDR Site id:	USGS2118770
Latitude:	404201	Dec lat:	40.70038055
Longitude:	0735654	Coor meth:	M
Dec lon:	-73.94791568	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1246		
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	168.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

18
ESE
1/4 - 1/2 Mile
Lower

FED USGS USGS2118628

Agency cd:	USGS	Site no:	404206073564601
Site name:	K 3483. 1	EDR Site id:	USGS2118628
Latitude:	404206	Dec lat:	40.70176942
Longitude:	0735646	Coor meth:	M
Dec lon:	-73.9456934	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	20001018
Date inventoried:	20001018	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	45.6	Hole depth:	45.6
Source of depth data:	owner		
Project number:	443600240		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

19
NW
1/4 - 1/2 Mile
Higher

FED USGS USGS2118356

Agency cd:	USGS	Site no:	404223073571601
Site name:	K 717. 1	EDR Site id:	USGS2118356
Latitude:	404223	Dec lat:	40.70649153
Longitude:	0735716	Coor meth:	M
Dec lon:	-73.95402697	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1213		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	45.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	202.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

20
South
1/4 - 1/2 Mile
Lower

FED USGS USGS2118730

Agency cd:	USGS	Site no:	404158073565801
Site name:	K 3133. 1	EDR Site id:	USGS2118730
Latitude:	404158	Dec lat:	40.69954723
Longitude:	0735658	Coor meth:	M
Dec lon:	-73.94902682	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1247		
Altitude:	14.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Hudson. Connecticut, New Jersey, New York. Area = 720 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	JAMECO AQUIFER		
Well depth:	190.	Hole depth:	202.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 2003-08-20
 Ground water data begin date: 0000-00-00
 Ground water data count: 0

Water quality data begin date: 1971-01-23
 Water quality data count: 8
 Ground water data end date: 0000-00-00

Ground-water levels, Number of Measurements: 0

21
SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS2118729

Agency cd:	USGS	Site no:	404158073565301
Site name:	K 2286. 1	EDR Site id:	USGS2118729
Latitude:	404158	Dec lat:	40.69954724
Longitude:	0735653	Coor meth:	M
Dec lon:	-73.9476379	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1247		
Altitude:	15.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	190.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

22
SE
1/4 - 1/2 Mile
Higher

FED USGS USGS2118728

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404158073564508
Site name:	K 1237. 1	EDR Site id:	USGS2118728
Latitude:	404158	Dec lat:	40.69954724
Longitude:	0735645	Coor meth:	M
Dec lon:	-73.94541561	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1257		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	63.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1941-01-18	Ground water data end date:	1953-08-03
Ground water data count:	239		

Ground-water levels, Number of Measurements: 239

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1953-08-03		-10.35	1953-06-24		-10.82
1953-05-25		-11.47	1953-04-27		-11.52
1953-03-24		-11.87	1953-02-27		-12.15
1953-02-05		-12.29	1952-12-24		-12.99
1952-12-05		-13.71	1952-11-03		-14.87
1952-09-22		-15.30	1952-08-25		-15.59
1952-07-23		-16.80	1952-06-24		-17.04
1952-05-27		-17.69	1952-04-29		-18.25
1952-03-24		-18.88	1952-02-20		-19.61
1952-01-29		-20.09	1951-12-20		-21.08
1951-11-28		-21.42	1951-11-01		-22.33
1951-09-26		-23.38	1951-08-28		-23.62
1951-07-26		-23.39	1951-06-28		-23.32
1951-05-29		-23.62	1951-05-02		-24.12
1951-03-27		-24.82	1951-02-26		-25.18
1951-01-30		-25.57	1950-12-20		-26.38
1950-11-28		-26.71	1950-10-31		-26.92
1950-09-27		-26.62	1950-08-29		-26.17
1950-07-27		-25.86	1950-06-29		-26.08
1950-06-05		-25.84	1950-04-27		-25.66
1950-03-29		-25.94	1950-03-01		-25.80
1950-01-26		-26.08	1949-12-28		-26.39

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1949-11-28		-27.13	1949-10-31		-27.37
1949-09-28		-27.27	1949-08-31		-27.25
1949-07-28		-27.38	1949-06-30		-27.83
1949-06-01		-28.15	1949-04-28		-28.60
1949-04-05		-29.10	1949-02-21		-29.95
1949-01-27		-30.24	1948-12-28		-29.76
1948-12-09		-30.23	1948-11-04		-31.37
1948-10-04		-31.73	1948-08-30		-31.53
1948-07-26		-32.56	1948-06-30		-33.01
1948-06-02		-32.78	1948-04-27		-32.95
1948-03-26		-32.58	1948-03-02		-32.65
1948-02-03		-33.11	1948-01-08		-33.79
1947-12-16		-34.56	1947-11-26		-34.98
1947-11-20		-34.93	1947-10-31		-35.61
1947-10-14		-35.59	1947-10-07		-35.47
1947-09-30		-35.23	1947-09-15		-35.68
1947-08-27		-35.57	1947-08-13		-35.09
1947-07-30		-36.02	1947-07-23		-35.92
1947-07-16		-35.87	1947-07-07		-35.75
1947-07-02		-35.88	1947-07-01		-35.87
1947-06-30		-35.86	1947-06-24		-35.81
1947-05-27		-36.12	1947-05-07		-36.42
1947-04-04		-36.47	1947-03-05		-36.15
1947-01-24		-36.53	1946-12-27		-36.30
1946-11-26		-36.44	1946-10-22		-35.92
1946-09-26		-36.04	1946-08-30		-35.71
1946-07-26		-35.18	1946-07-01		-34.64
1946-06-10		-34.27	1946-05-10		-34.09
1946-04-12		-33.87	1946-03-18		-33.72
1946-02-14		-33.90	1946-01-08		-33.92
1945-12-04		-34.54	1945-11-06		-34.68
1945-09-28		-34.43	1945-09-12		-34.11
1945-08-08		-34.02	1945-07-03		-34.19
1945-06-04		-33.83	1945-04-27		-33.56
1945-04-04		-33.57	1945-03-03		-33.30
1945-01-02		-33.68	1944-12-06		-34.61
1944-10-28		-34.33	1944-10-04		-34.30
1944-09-02		-34.36	1944-07-31		-34.68
1944-07-05		-34.58	1944-05-27		-34.44
1944-05-05		-34.01	1944-03-30		-33.85
1944-02-26		-33.58	1944-01-29		-33.61
1944-01-01		-33.66	1943-11-27		-33.71
1943-10-30		-33.82	1943-09-25		-33.47
1943-08-28		-34.45	1943-06-26		-34.03
1943-05-29		-33.96	1943-05-01		-34.06
1943-03-27		-34.01	1943-02-27		-34.26
1943-01-30		-34.15	1943-01-02		-33.69
1942-12-26		-34.07	1942-12-19		-34.36
1942-12-12		-34.30	1942-12-05		-34.28
1942-11-28		-34.27	1942-11-21		-34.32
1942-11-14		-34.16	1942-11-07		-34.06
1942-10-31		-34.02	1942-10-24		-33.91
1942-10-17		-33.76	1942-10-10		-33.89
1942-10-03		-33.78	1942-09-26		-33.67
1942-09-19		-33.71	1942-09-12		-33.71

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-09-05		-33.72	1942-08-29		-33.53
1942-08-22		-33.37	1942-08-15		-33.21
1942-08-08		-33.04	1942-08-01		-33.59
1942-07-25		-33.73	1942-07-18		-33.69
1942-07-11		-33.83	1942-07-04		-33.98
1942-06-27		-34.08	1942-06-20		-34.11
1942-06-13		-34.16	1942-06-06		-34.12
1942-05-30		-34.16	1942-05-23		-34.18
1942-05-16		-34.16	1942-05-09		-34.18
1942-05-02		-34.13	1942-04-25		-34.25
1942-04-18		-34.34	1942-04-11		-34.28
1942-04-04		-34.30	1942-03-28		-34.36
1942-03-21		-34.09	1942-03-14		-34.13
1942-03-07		-34.18	1942-02-28		-34.39
1942-02-21		-34.35	1942-02-14		-33.62
1942-02-07		-34.51	1942-01-31		-34.14
1942-01-24		-34.38	1942-01-17		-34.15
1942-01-10		-34.03	1942-01-03		-33.96
1941-12-27		-34.26	1941-12-20		-34.27
1941-12-13		-34.29	1941-12-06		-34.55
1941-11-29		-34.36	1941-11-22		-34.17
1941-11-15		-34.31	1941-11-08		-34.20
1941-11-01		-34.30	1941-10-25		-34.17
1941-10-18		-33.81	1941-10-11		-33.98
1941-10-04		-34.06	1941-09-27		-33.79
1941-09-20		-33.78	1941-09-13		-33.66
1941-09-06		-33.65	1941-08-30		-33.27
1941-08-23		-33.50	1941-08-16		-33.40
1941-08-09		-33.15	1941-08-02		-33.25
1941-07-26		-33.19	1941-07-19		-33.28
1941-07-12		-33.13	1941-07-05		-33.08
1941-06-28		-33.15	1941-06-21		-32.72
1941-06-14		-33.08	1941-06-07		-32.90
1941-05-31		-32.71	1941-05-24		-32.81
1941-05-17		-33.01	1941-05-10		-32.87
1941-05-03		-32.64	1941-04-26		-32.83
1941-04-19		-32.68	1941-04-12		-31.56
1941-03-29		-32.67	1941-03-22		-32.67
1941-03-15		-32.24	1941-03-08		-32.64
1941-03-01		-32.46	1941-02-22		-32.41
1941-02-15		-32.10	1941-02-08		-32.81
1941-02-01		-32.29	1941-01-25		-32.44
1941-01-18		-32.90			

23
NW
1/4 - 1/2 Mile
Higher

FED USGS USGS2118416

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404228073571801
Site name:	K 670. 1		
Latitude:	404228	EDR Site id:	USGS2118416
Longitude:	0735718	Dec lat:	40.70788039
Dec lon:	-73.95458255	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1212	Map scale:	Not Reported
Altitude:	30.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	165.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D24
NE
1/4 - 1/2 Mile
Higher

FED USGS USGS2118395

Agency cd:	USGS	Site no:	404226073564101
Site name:	K 637. 1		
Latitude:	404226	EDR Site id:	USGS2118395
Longitude:	0735641	Dec lat:	40.70732486
Dec lon:	-73.94430447	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1263	Map scale:	Not Reported
Altitude:	35.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	212.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

D25
NE
1/4 - 1/2 Mile
Higher

FED USGS USGS2118415

Agency cd:	USGS	Site no:	404228073563901
Site name:	K 2533. 1	EDR Site id:	USGS2118415
Latitude:	404228	Dec lat:	40.70788041
Longitude:	0735639	Coor meth:	M
Dec lon:	-73.9437489	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1262		
Altitude:	30.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	92.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

26
NNE
1/4 - 1/2 Mile
Higher

FED USGS USGS2118249

Agency cd:	USGS	Site no:	404233073564401
Site name:	K 715. 1	EDR Site id:	USGS2118249
Latitude:	404233	Dec lat:	40.70926927
Longitude:	0735644	Coor meth:	M
Dec lon:	-73.94513783	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1252		
Altitude:	36.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	120.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

27
West
1/4 - 1/2 Mile
Higher

FED USGS USGS2118514

Agency cd:	USGS	Site no:	404217073573301
Site name:	K 666. 1	EDR Site id:	USGS2118514
Latitude:	404217	Dec lat:	40.70482489
Longitude:	0735733	Coor meth:	M
Dec lon:	-73.95874933	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1294		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	55.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	214.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E28
SSW
1/4 - 1/2 Mile
Higher**

FED USGS USGS2118856

Agency cd:	USGS	Site no:	404149073571201
Site name:	K 30. 1	EDR Site id:	USGS2118856
Latitude:	404149	Dec lat:	40.69704728
Longitude:	0735712	Coor meth:	M
Dec lon:	-73.95291582	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1219		
Altitude:	23.6		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	56.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1954-07-29
 Ground water data count: 218

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1978-04-04

Ground-water levels, Number of Measurements: 218

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1978-04-04		5.70	1977-01-05		4.35
1976-07-09		5.78	1976-06-28		4.52
1976-03-23		4.54	1975-12-16		4.78
1975-10-07		4.69	1975-06-30		4.29
1975-03-26		4.05	1974-12-19		4.81
1974-09-25		4.74	1974-09-04		4.52
1974-06-26		4.51	1974-03-19		4.20
1974-01-09		1.59	1973-10-02		4.04
1973-07-09		2.58	1973-04-03		2.15
1972-12-27		2.99	1972-09-29		3.09
1972-07-17		2.81	1972-07-11		2.63
1972-03-28		3.87	1972-01-13		3.30
1971-09-23		3.25	1971-07-28		3.57
1971-05-05		2.92	1971-03-16		2.75
1971-02-09		2.69	1970-11-02		2.89
1970-05-08		3.03	1970-03-13		2.84
1970-02-06		2.30	1969-11-10		2.38
1969-09-11		2.88	1969-09-05		2.24
1969-08-04		2.24	1969-07-02		1.55
1969-05-28		1.40	1969-04-22		1.42
1969-04-01		1.42	1969-02-20		1.17
1969-01-29		1.17	1969-01-08		0.97
1968-12-03		0.73	1968-11-06		0.80
1968-09-30		0.97	1968-08-28		1.13
1968-07-29		1.11	1968-06-26		1.06
1968-05-28		0.97	1968-04-22		0.97
1968-03-27		0.82	1968-02-29		0.68
1968-02-05		0.73	1968-01-03		0.63
1967-11-29		0.49	1967-10-20		0.65
1967-09-26		0.75	1967-09-07		0.81
1967-07-28		0.31	1967-07-06		0.30
1967-05-31		0.40	1967-05-04		0.31
1967-03-28		0.33	1967-02-24		0.09
1967-01-31		0.02	1966-12-23		-0.43
1966-12-01		-0.39	1966-10-24		-0.65
1966-09-30		-0.52	1966-08-29		-0.52
1966-07-29		-0.45	1966-06-27		-0.30
1966-05-26		-0.33	1966-05-02		-0.33
1966-03-30		-0.31	1966-03-02		-0.31
1966-01-28		-0.36	1965-12-30		-0.50
1965-12-02		-0.59	1965-10-27		-0.85
1965-10-07		-0.54	1965-09-02		-0.61
1965-07-23		-0.49	1965-06-24		-0.52
1965-05-24		-0.43	1965-05-03		-0.45
1965-03-25		-0.42	1965-02-24		-0.42
1965-01-29		-0.34	1964-12-31		-0.65
1964-11-25		-0.80	1964-10-30		-0.72
1964-10-01		-0.59	1964-09-02		-0.32
1964-07-27		-0.27	1964-07-06		-0.39
1964-05-28		-0.47	1964-04-23		-0.49

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1964-03-30		-0.46	1964-02-28		-0.55
1964-01-28		-0.95	1963-12-31		-1.08
1963-12-05		-1.05	1963-10-26		-0.88
1963-09-30		-0.68	1963-09-03		-0.58
1963-07-30		-0.49	1963-07-02		-0.45
1963-06-03		-0.34	1963-04-29		-0.52
1963-03-29		-0.38	1963-02-28		-0.52
1963-01-31		-0.52	1963-01-03		-0.60
1962-12-04		-0.51	1962-10-31		-0.37
1962-10-03		-0.27	1962-08-31		0.16
1962-07-30		-0.07	1962-07-02		-0.13
1962-05-29		-0.05	1962-04-26		-0.28
1962-03-27		-0.32	1962-03-05		-0.43
1962-01-31		-0.59	1961-12-20		-0.82
1961-11-28		-0.88	1961-10-31		-0.92
1961-10-02		-0.76	1961-08-30		-0.92
1961-08-11		-1.36	1961-06-20		-1.64
1961-05-31		-1.81	1961-04-26		-1.84
1961-03-28		-2.17	1961-03-01		-2.49
1961-01-30		-2.59	1960-12-27		-2.68
1960-12-06		-2.44	1960-11-02		-2.53
1960-09-28		-2.48	1960-08-30		-2.48
1960-08-02		-2.53	1960-06-30		-2.40
1960-06-02		-2.44	1960-05-04		-2.47
1960-03-29		-2.60	1960-03-08		-2.65
1960-01-27		-2.79	1960-01-05		-2.94
1959-12-01		-3.22	1959-11-02		-3.44
1959-10-06		-3.19	1959-09-03		-2.99
1959-08-04		-2.92	1959-07-02		-2.68
1959-06-02		-2.44	1959-05-06		-2.23
1959-04-03		-2.21	1959-03-02		-2.39
1959-01-29		-2.39	1959-01-07		-2.52
1958-12-09		-2.56	1958-10-30		-2.62
1958-10-07		-2.86	1958-08-28		-2.66
1958-07-29		-2.68	1958-06-30		-2.58
1958-05-29		-2.68	1958-05-01		-3.12
1958-04-02		-3.35	1958-03-03		-3.73
1958-01-28		-3.59	1957-12-31		-3.68
1957-11-22		-3.83	1957-10-30		-3.88
1957-09-24		-3.64	1957-08-27		-3.62
1957-07-24		-3.54	1957-06-27		-3.43
1957-05-28		-3.35	1957-04-24		-3.38
1957-03-27		-3.53	1957-02-27		-3.46
1957-01-25		-3.54	1956-12-18		-3.80
1956-11-29		-3.70	1956-10-25		-3.75
1956-09-26		-3.61	1956-09-04		-3.40
1956-08-02		-3.31	1956-07-03		-3.56
1956-06-05		-3.48	1956-05-02		-3.66
1956-03-29		-4.01	1956-03-05		-4.16
1956-02-03		-4.35	1955-12-22		-4.69
1955-12-02		-4.87	1955-11-04		-5.17
1955-10-07		-5.95	1955-09-06		-6.10
1955-08-25		-6.05	1955-07-26		-4.99
1955-06-23		-4.71	1955-05-25		-4.70
1955-04-26		-4.71	1955-03-29		-4.85

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1955-02-21		-4.72	1955-01-25		-5.21
1954-12-27		-5.60	1954-12-02		-5.74
1954-10-28		-5.96	1954-10-05		-5.85
1954-08-25		-6.16	1954-07-29		-6.24

29

WNW
1/4 - 1/2 Mile
Higher

FED USGS USGS2118401

Agency cd:	USGS	Site no:	404227073573001
Site name:	K 67. 1	EDR Site id:	USGS2118401
Latitude:	404227	Dec lat:	40.70760261
Longitude:	0735730	Coor meth:	M
Dec lon:	-73.95791597	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1203		
Altitude:	47.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1937-11-08	Ground water data end date:	1975-10-07
Ground water data count:	475		

Ground-water levels, Number of Measurements: 475

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1975-10-07		13.99	1975-06-30		14.09
1975-03-26		15.35	1974-12-19		9.86
1974-09-04		9.70	1974-06-26		9.64
1974-03-19		9.89	1974-01-09		8.60
1973-10-02		10.47	1973-09-25		11.70
1973-07-09		4.20	1973-04-03		4.51
1972-12-27		4.38	1972-10-02		5.00
1972-07-10		4.90	1972-03-28		4.71

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1972-01-13		4.63	1971-09-23		4.81
1971-03-08		6.91	1970-11-02		7.01
1970-03-13		4.41	1969-11-12		4.06
1969-09-03		3.48	1969-04-22		3.00
1968-11-06		2.61	1968-04-22		2.52
1967-10-20		2.07	1967-03-28		1.72
1966-10-24		1.29	1966-05-03		1.12
1965-10-27		1.02	1965-09-14		0.85
1965-05-03		0.89	1964-10-02		1.10
1964-04-23		1.15	1963-10-19		0.89
1963-04-29		1.18	1962-11-23		1.03
1962-04-26		-0.25	1961-12-28		-0.96
1961-10-02		-2.51	1961-06-28		-4.80
1961-03-28		-6.02	1960-12-27		-5.64
1960-09-28		-3.96	1960-07-05		-2.45
1960-03-31		-0.96	1960-01-14		-1.24
1959-10-07		-1.05	1959-07-16		-1.34
1959-03-18		-1.14	1958-04-16		-2.07
1958-01-10		-2.02	1957-09-24		-2.67
1957-03-27		-1.90	1956-12-18		-1.57
1956-11-29		-1.52	1956-10-25		-1.45
1956-10-02		-1.15	1956-08-02		-0.67
1956-07-03		-0.34	1956-06-05		-0.35
1956-05-15		-0.44	1956-03-05		-1.05
1956-02-07		-1.17	1955-12-22		-1.36
1955-11-15		-1.89	1955-10-07		-2.36
1955-08-25		-3.01	1955-07-26		-3.37
1955-06-23		-3.46	1955-05-25		-3.49
1955-04-26		-3.64	1955-03-28		-3.89
1955-02-21		-4.20	1955-01-25		-4.29
1954-12-27		-4.60	1954-12-02		-4.73
1954-08-25		-5.63	1954-07-29		-5.70
1954-06-29		-5.50	1954-05-27		-5.26
1954-04-28		-5.10	1954-03-30		-5.00
1954-02-25		-4.83	1954-01-28		-4.82
1953-12-23		-4.80	1953-12-02		-4.80
1953-10-28		-5.00	1953-10-02		-5.39
1953-08-28		-5.82	1953-08-03		-6.07
1953-06-24		-6.31	1953-05-25		-6.51
1953-04-27		-6.88	1953-03-24		-7.38
1953-02-27		-7.71	1953-02-05		-8.10
1952-12-23		-8.77	1952-12-05		-8.99
1952-11-03		-9.45	1952-09-22		-10.08
1952-08-25		-10.52	1952-07-23		-10.92
1952-06-24		-11.04	1952-05-27		-11.28
1952-04-29		-11.60	1952-03-24		-12.02
1952-02-20		-12.48	1952-01-29		-12.74
1951-12-20		-13.14	1951-11-28		-13.42
1951-11-02		-13.69	1951-09-26		-14.15
1951-08-28		-14.33	1951-07-26		-14.38
1951-06-28		-14.42	1951-05-29		-14.38
1951-05-02		-14.49	1951-03-27		-14.80
1951-02-26		-14.94	1951-01-30		-15.10
1950-12-20		-15.31	1950-11-28		-15.40
1950-10-31		-15.55	1950-09-27		-15.80

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1950-08-29		-16.10	1950-07-27		-16.05
1950-06-29		-15.88	1950-06-05		-15.58
1950-04-27		-15.63	1950-03-29		-15.65
1950-03-01		-15.70	1950-01-26		-15.80
1949-12-28		-16.00	1949-11-28		-16.15
1949-10-31		-16.29	1949-09-28		-16.54
1949-08-31		-16.98	1949-07-28		-17.06
1949-06-30		-17.15	1949-06-01		-16.97
1949-04-28		-17.18	1949-04-05		-17.32
1949-02-21		-17.65	1949-01-27		-17.82
1948-12-28		-18.04	1948-12-09		-18.25
1948-11-04		-18.32	1948-10-04		-18.80
1948-08-30		-18.97	1948-07-26		-19.32
1948-06-30		-19.22	1948-06-01		-19.32
1948-04-27		-19.68	1947-12-16		-20.05
1947-11-26		-20.13	1947-11-20		-20.14
1947-10-31		-20.30	1947-10-14		-20.34
1947-10-07		-20.41	1947-09-30		-20.48
1947-09-15		-20.91	1947-08-27		-20.84
1947-08-13		-20.80	1947-07-30		-20.80
1947-07-23		-20.80	1947-07-16		-20.68
1947-07-07		-20.57	1947-07-02		-20.53
1947-07-01		-20.50	1947-06-24		-20.47
1947-05-27		-20.30	1947-05-07		-20.17
1947-04-04		-20.10	1947-03-05		-20.00
1947-01-24		-19.86	1946-12-27		-19.83
1946-11-26		-19.75	1946-10-22		-19.90
1946-09-26		-20.14	1946-09-16		-20.10
1946-07-26		-19.90	1946-07-01		-19.69
1946-06-10		-19.50	1946-05-10		-19.42
1946-04-12		-19.44	1946-03-18		-19.46
1946-02-15		-19.58	1946-01-08		-19.55
1945-12-04		-19.64	1945-11-06		-19.64
1945-09-28		-19.70	1945-09-12		-19.84
1945-08-08		-19.73	1945-07-03		-19.53
1945-06-04		-19.17	1945-04-27		-19.30
1945-04-04		-19.40	1945-03-03		-19.35
1945-01-02		-19.38	1944-12-06		-19.77
1944-10-28		-19.29	1944-10-04		-19.39
1944-09-02		-19.57	1944-07-31		-19.52
1944-07-05		-19.24	1944-05-27		-19.17
1944-05-05		-19.16	1944-03-30		-19.01
1944-02-26		-18.94	1944-01-29		-18.87
1944-01-01		-18.97	1943-11-27		-18.99
1943-10-30		-18.98	1943-09-25		-19.12
1943-08-28		-19.18	1943-07-31		-19.22
1943-06-26		-19.19	1943-05-29		-19.20
1943-05-01		-19.25	1943-03-27		-19.28
1943-02-27		-19.27	1943-01-30		-19.27
1943-01-02		-19.30	1942-12-26		-19.26
1942-12-12		-19.15	1942-12-05		-19.15
1942-11-28		-19.14	1942-11-21		-19.13
1942-11-14		-19.11	1942-11-07		-19.13
1942-10-31		-19.13	1942-10-24		-19.15
1942-10-17		-19.16	1942-10-10		-19.16

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-09-26		-19.17	1942-09-19		-19.18
1942-09-12		-19.18	1942-09-05		-19.19
1942-08-29		-19.22	1942-08-22		-19.25
1942-08-15		-19.39	1942-08-08		-19.31
1942-08-01		-19.34	1942-07-25		-19.38
1942-07-18		-19.42	1942-07-11		-19.48
1942-07-04		-19.55	1942-06-27		-19.62
1942-06-20		-19.71	1942-06-13		-19.80
1942-06-06		-19.88	1942-05-30		-19.93
1942-05-23		-19.95	1942-05-16		-19.99
1942-05-09		-20.04	1942-05-02		-20.08
1942-04-25		-20.11	1942-04-18		-20.14
1942-04-11		-20.15	1942-04-04		-20.16
1942-03-28		-20.21	1942-03-21		-20.24
1942-03-14		-20.24	1942-03-07		-20.26
1942-02-28		-20.30	1942-02-21		-20.30
1942-02-14		-20.35	1942-02-07		-20.37
1942-01-31		-20.46	1942-01-24		-20.49
1942-01-17		-20.52	1942-01-10		-20.55
1942-01-03		-20.59	1941-12-27		-20.61
1941-12-20		-20.63	1941-12-13		-20.66
1941-12-06		-20.69	1941-11-29		-20.71
1941-11-22		-20.74	1941-11-15		-20.74
1941-11-08		-20.74	1941-11-01		-20.74
1941-10-25		-20.74	1941-10-18		-20.74
1941-10-11		-20.75	1941-10-04		-20.74
1941-09-27		-20.74	1941-09-20		-20.73
1941-09-13		-20.73	1941-09-06		-20.73
1941-08-30		-20.71	1941-08-23		-20.69
1941-08-16		-20.69	1941-08-09		-20.67
1941-08-02		-20.67	1941-07-26		-20.64
1941-07-19		-20.62	1941-07-12		-20.60
1941-07-05		-20.58	1941-06-28		-20.56
1941-06-21		-20.54	1941-06-14		-20.52
1941-06-07		-20.50	1941-05-31		-20.49
1941-05-24		-20.48	1941-05-17		-20.45
1941-05-10		-20.45	1941-05-03		-20.45
1941-04-26		-20.41	1941-04-19		-20.41
1941-04-12		-20.38	1941-04-05		-20.37
1941-03-29		-20.35	1941-03-22		-20.35
1941-03-15		-20.33	1941-03-08		-20.31
1941-03-01		-20.31	1941-02-22		-20.31
1941-02-15		-20.32	1941-02-08		-20.35
1941-02-01		-20.30	1941-01-25		-20.30
1941-01-18		-20.29	1941-01-11		-20.28
1941-01-04		-20.28	1940-12-28		-20.28
1940-12-21		-20.26	1940-12-14		-20.27
1940-12-07		-20.25	1940-11-30		-20.25
1940-11-23		-20.22	1940-11-16		-20.21
1940-11-09		-20.21	1940-11-02		-20.22
1940-10-26		-20.22	1940-10-19		-20.21
1940-10-12		-20.20	1940-10-05		-20.19
1940-09-28		-20.19	1940-09-21		-20.14
1940-09-14		-20.13	1940-09-07		-20.10
1940-08-31		-20.07	1940-08-24		-20.05

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1940-08-17		-20.03	1940-08-10		-20.02
1940-08-03		-19.99	1940-07-27		-19.99
1940-07-20		-19.98	1940-07-13		-19.97
1940-07-06		-19.96	1940-06-29		-19.91
1940-06-22		-19.92	1940-06-15		-19.91
1940-06-08		-19.88	1940-06-01		-19.91
1940-05-25		-19.90	1940-05-18		-19.87
1940-05-11		-19.85	1940-05-04		-19.87
1940-04-27		-19.84	1940-04-20		-19.80
1940-04-13		-19.82	1940-04-06		-19.78
1940-03-30		-19.81	1940-03-23		-19.80
1940-03-16		-19.79	1940-03-09		-19.78
1940-03-02		-19.73	1940-02-24		-19.69
1940-02-17		-19.72	1940-02-10		-19.74
1940-02-03		-19.73	1940-01-27		-19.71
1940-01-20		-19.71	1940-01-13		-19.71
1940-01-06		-19.72	1939-12-30		-19.72
1939-12-23		-19.74	1939-12-16		-19.70
1939-12-09		-19.67	1939-12-02		-19.66
1939-11-25		-19.67	1939-11-18		-19.65
1939-11-11		-19.66	1939-11-04		-19.67
1939-10-28		-19.63	1939-10-21		-19.62
1939-10-14		-19.54	1939-10-07		-19.63
1939-09-30		-19.57	1939-09-23		-19.63
1939-09-16		-19.47	1939-09-08		-19.43
1939-09-01		-19.34	1939-08-25		-19.29
1939-08-18		-19.23	1939-08-11		-19.10
1939-08-04		-19.08	1939-07-28		-19.13
1939-07-21		-19.00	1939-07-14		-18.86
1939-07-07		-18.85	1939-06-30		-18.65
1939-06-23		-18.65	1939-06-16		-18.63
1939-06-09		-18.61	1939-06-02		-18.63
1939-05-26		-18.63	1939-05-19		-18.62
1939-05-12		-18.65	1939-05-05		-18.63
1939-04-28		-18.64	1939-04-21		-18.64
1939-04-08		-18.63	1939-03-31		-18.73
1939-03-24		-18.73	1939-03-17		-18.73
1939-03-10		-18.73	1939-02-24		-18.75
1939-02-17		-18.70	1939-02-10		-18.72
1939-02-03		-18.78	1939-01-27		-18.82
1939-01-13		-18.85	1939-01-06		-18.90
1938-12-30		-18.90	1938-12-16		-18.90
1938-12-09		-18.89	1938-11-25		-18.93
1938-11-18		-18.89	1938-11-11		-18.90
1938-11-04		-18.89	1938-10-28		-18.88
1938-10-21		-18.85	1938-10-14		-18.86
1938-10-07		-18.86	1938-09-30		-18.85
1938-09-16		-18.91	1938-09-09		-18.87
1938-09-02		-18.90	1938-08-19		-18.83
1938-08-12		-18.83	1938-08-05		-18.78
1938-07-29		-18.76	1938-07-22		-18.75
1938-07-01		-18.71	1938-06-25		-18.69
1938-04-23		-18.57	1938-04-16		-18.55
1938-04-09		-18.51	1938-04-02		-18.51
1938-03-26		-18.49	1938-03-19		-18.55

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-03-12		-18.58	1938-03-05		-18.60
1938-02-26		-18.65	1938-02-19		-18.64
1938-02-12		-18.67	1938-02-04		-18.65
1938-01-28		-18.66	1938-01-21		-18.64
1938-01-14		-18.67	1938-01-07		-18.66
1937-12-31		-18.68	1937-12-24		-18.66
1937-12-18		-18.56	1937-12-11		-18.63
1937-12-04		-18.62	1937-11-27		-18.61
1937-11-20		-18.56	1937-11-13		-18.60
1937-11-08		-18.60			

**30
NNW
1/2 - 1 Mile
Higher**

FED USGS USGS2118298

Agency cd:	USGS	Site no:	404238073571501
Site name:	K 672. 1	EDR Site id:	USGS2118298
Latitude:	404238	Dec lat:	40.71065812
Longitude:	0735715	Coor meth:	M
Dec lon:	-73.95374919	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1221		
Altitude:	20.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	170.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**31
NE
1/2 - 1 Mile
Higher**

FED USGS USGS2118444

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404231073563301
Site name:	K 426. 1		
Latitude:	404231	EDR Site id:	USGS2118444
Longitude:	0735633	Dec lat:	40.70871373
Dec lon:	-73.94208219	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1272	Map scale:	Not Reported
Altitude:	38.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	140.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

E32
SSW
1/2 - 1 Mile
Higher

FED USGS USGS2118835

Agency cd:	USGS	Site no:	404146073571301
Site name:	K 2040. 1		
Latitude:	404146	EDR Site id:	USGS2118835
Longitude:	0735713	Dec lat:	40.69621396
Dec lon:	-73.95319361	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1228	Map scale:	Not Reported
Altitude:	6.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	1983-06-14	Water quality data begin date:	1981-04-09
Ground water data begin date:	0000-00-00	Water quality data count:	2
Ground water data count:	0	Ground water data end date:	0000-00-00

Ground-water levels, Number of Measurements: 0

33
West
1/2 - 1 Mile
Higher

FED USGS USGS2118467

Agency cd:	USGS	Site no:	404212073573901
Site name:	K 687. 1	EDR Site id:	USGS2118467
Latitude:	404212	Dec lat:	40.70343603
Longitude:	0735739	Coor meth:	M
Dec lon:	-73.96041604	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1295		
Altitude:	43.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	200.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

E34
SSW
1/2 - 1 Mile
Higher

FED USGS USGS2118842

Agency cd:	USGS	Site no:	404147073571401
Site name:	K 30. 2		
Latitude:	404146	EDR Site id:	USGS2118842
Longitude:	0735714	Dec lat:	40.69621396
Dec lon:	-73.95347139	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1219	Map scale:	Not Reported
Altitude:	21.1		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	18.	Hole depth:	18.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1978-09-27	Ground water data end date:	1985-04-03
Ground water data count:	28		

Ground-water levels, Number of Measurements: 28

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-04-03		3.78	1984-12-18		4.16
1984-10-05		5.26	1984-06-27		5.96
1984-03-16		5.65	1984-01-05		5.27
1983-09-28		4.82	1983-06-29		5.56
1983-03-25		5.36	1982-12-21		4.84
1982-10-06		4.86	1982-06-01		4.66
1981-12-29		4.74	1981-09-23		5.10
1981-06-24		4.47	1981-03-20		4.84
1980-12-30		5.40	1980-09-23		7.38
1980-06-19		5.06	1980-03-13		5.13
1979-12-18		5.43	1979-09-17		5.86
1979-06-28		5.89	1978-12-22		5.71
1978-11-01		5.48	1978-10-26		5.96
1978-10-02		6.54	1978-09-27		5.72

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

35
WSW
1/2 - 1 Mile
Higher

FED USGS USGS2118613

Agency cd:	USGS	Site no:	404205073574001
Site name:	K 1662. 1		
Latitude:	404205	EDR Site id:	USGS2118613
Longitude:	0735740	Dec lat:	40.70149162
Dec lon:	-73.96069382	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KD1296	Map scale:	Not Reported
Altitude:	6.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	147.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

F36
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2118414

Agency cd:	USGS	Site no:	404228073562301
Site name:	K 37. 1		
Latitude:	404228	EDR Site id:	USGS2118414
Longitude:	0735623	Dec lat:	40.70788041
Dec lon:	-73.93930433	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1282	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	25.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	130.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**F37
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS2118426

Agency cd:	USGS	Site no:	404229073562301
Site name:	K 1490. 1	EDR Site id:	USGS2118426
Latitude:	404229	Dec lat:	40.70815819
Longitude:	0735623	Coor meth:	M
Dec lon:	-73.93930433	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1282		
Altitude:	35.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	135.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

G38
NE
1/2 - 1 Mile
Higher

FED USGS USGS2118312

Agency cd:	USGS	Site no:	404239073563301
Site name:	K 724. 1	EDR Site id:	USGS2118312
Latitude:	404239	Dec lat:	40.71093591
Longitude:	0735633	Coor meth:	M
Dec lon:	-73.94208219	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1271		
Altitude:	48.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	137.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

G39
NE
1/2 - 1 Mile
Higher

FED USGS USGS2118311

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404239073563201
Site name:	K 1283. 1		
Latitude:	404239	EDR Site id:	USGS2118311
Longitude:	0735632	Dec lat:	40.71093591
Dec lon:	-73.94180441	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1271	Map scale:	Not Reported
Altitude:	45.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	240.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**H40
North
1/2 - 1 Mile
Lower**

FED USGS USGS2118183

Agency cd:	USGS	Site no:	404248073570901
Site name:	K 898. 1		
Latitude:	404248	EDR Site id:	USGS2118183
Longitude:	0735709	Dec lat:	40.71343584
Dec lon:	-73.95208248	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1220	Map scale:	Not Reported
Altitude:	7.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	46.	Hole depth:	74.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

41
West
1/2 - 1 Mile
Higher

FED USGS USGS2118637

Agency cd:	USGS	Site no:	404207073574801
Site name:	K 664. 1	EDR Site id:	USGS2118637
Latitude:	404207	Dec lat:	40.70204716
Longitude:	0735748	Coor meth:	M
Dec lon:	-73.96291611	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1285		
Altitude:	17.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	179.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

42
SSW
1/2 - 1 Mile
Higher

FED USGS USGS2118796

Agency cd:	USGS	Site no:	404139073571701
Site name:	K 95. 1	EDR Site id:	USGS2118796
Latitude:	404139	Dec lat:	40.69426955
Longitude:	0735717	Coor meth:	M
Dec lon:	-73.95430475	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1219		
Altitude:	14.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1970-07-23
Water quality data end date:	1970-07-23	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

H43
North
1/2 - 1 Mile
Lower

FED USGS USGS2118190

Agency cd:	USGS	Site no:	404249073570801
Site name:	K 673. 1	EDR Site id:	USGS2118190
Latitude:	404249	Dec lat:	40.71371361
Longitude:	0735708	Coor meth:	M
Dec lon:	-73.95180469	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1129		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	14.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	196.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I44
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS2118387

Agency cd:	USGS	Site no:	404225073561301
Site name:	K 1130. 1	EDR Site id:	USGS2118387
Latitude:	404225	Dec lat:	40.7070471
Longitude:	0735613	Coor meth:	M
Dec lon:	-73.93652647	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1293		
Altitude:	18.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	89.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

**45
 NNW
 1/2 - 1 Mile
 Lower**

FRDS PWS NY0007257

PWS ID: NY0007257
 Date Initiated: Not Reported Date Deactivated: Not Reported
 PWS Name: MANSFIELD BUNG COLONY
 GALE ROAD, BOX 123
 MONGAUP VALLEY, NY 12762

Addressee / Facility: System Owner/Responsible Party
 ROSENBERG MAYER
 C/O MAYER ROSENBURG
 570 BEDFORD AVE
 BROOKLYN, NY 11211

Facility Latitude: 40 42 51 Facility Longitude: 073 57 14
 City Served: BETHEL (T)
 Treatment Class: Not Reported Population: Not Reported

Violations information not reported.

**J46
 ESE
 1/2 - 1 Mile
 Higher**

FED USGS USGS2118597

Agency cd:	USGS	Site no:	404204073561008
Site name:	K 236. 1	EDR Site id:	USGS2118597
Latitude:	404204	Dec lat:	40.70121388
Longitude:	0735610	Coor meth:	M
Dec lon:	-73.93569311	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1296		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	130.	Hole depth:	130.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
		Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1950-03-29
 Ground water data count: 52

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1954-12-17

Ground-water levels, Number of Measurements: 52

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1954-12-17		-8.30	1954-06-29		-9.31
1954-05-27		-8.45	1954-04-28		-10.08
1954-03-30		-9.85	1954-02-25		-9.49
1954-01-28		-10.11	1953-12-23		-10.76
1953-12-02		-10.78	1953-10-28		-10.03
1953-10-02		-11.58	1953-08-28		-11.23
1953-08-03		-11.25	1953-06-24		-10.48
1953-05-25		-10.59	1953-04-27		-11.85
1953-03-24		-12.38	1953-02-27		-12.18
1953-02-05		-12.68	1952-12-24		-12.74
1952-12-05		-12.60	1952-11-03		-13.70
1952-09-23		-16.95	1952-08-25		-16.73
1952-07-23		-17.79	1952-06-24		-17.05
1952-05-27		-17.69	1952-04-29		-19.03
1952-03-24		-19.20	1952-02-20		-20.10
1952-01-29		-20.88	1951-12-20		-22.55
1951-11-28		-22.59	1951-09-26		-24.85
1951-08-28		-25.66	1951-07-26		-25.95
1951-06-28		-25.47	1951-05-29		-26.24
1951-05-02		-26.53	1951-03-27		-26.63
1951-02-26		-26.78	1951-01-30		-27.90
1950-12-20		-28.49	1950-11-28		-28.00
1950-10-31		-27.98	1950-09-27		-29.66
1950-08-29		-29.53	1950-07-27		-29.04
1950-06-29		-27.59	1950-06-05		-26.28
1950-04-27		-28.80	1950-03-29		-28.80

**J47
 ESE
 1/2 - 1 Mile
 Higher**

FED USGS USGS2118596

Agency cd:	USGS	Site no:	404204073561001
Site name:	K 2136. 1	EDR Site id:	USGS2118596
Latitude:	404204	Dec lat:	40.70121388
Longitude:	0735610	Coor meth:	M
Dec lon:	-73.93569311	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1296		
Altitude:	50.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	112.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**I48
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS2118386

Agency cd:	USGS	Site no:	404225073561001
Site name:	K 955. 1	EDR Site id:	USGS2118386
Latitude:	404225	Dec lat:	40.7070471
Longitude:	0735610	Coor meth:	M
Dec lon:	-73.93569312	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1293		
Altitude:	18.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	72.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

49
WNW
1/2 - 1 Mile
Higher

FED USGS USGS2118278

Agency cd:	USGS	Site no:	404236073574601
Site name:	K 1301. 1		
Latitude:	404235	EDR Site id:	USGS2118278
Longitude:	0735748	Dec lat:	40.70982478
Dec lon:	-73.96291612	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KD1272	Map scale:	Not Reported
Altitude:	52.5		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	92.	Hole depth:	101.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1961-01-19	Ground water data end date:	2005-02-15
Ground water data count:	232		

Ground-water levels, Number of Measurements: 232

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2005-02-15		4.47	2004-11-23		4.03
2004-10-21		3.94	2004-09-21		2.83
2004-04-29		2.83	2003-12-18		3.89
2003-11-25		4.20	2003-10-29		4.08
2003-09-24		2.80	2003-08-25		3.00
2003-07-21		3.08	2003-05-19		3.62
2003-04-28		4.17	2003-02-27		4.37
2003-01-28		4.37	2002-12-27		4.42
2002-11-26		4.42	2002-10-21		4.21
2002-09-25		4.05	2002-08-30		3.99
2002-07-22		4.04	2002-06-18		3.93
2002-05-29		3.89	2002-03-22		4.18
2002-02-27		4.20	2002-01-28		4.20
2001-12-28		4.29	2001-10-24		4.10
2001-09-26		4.16	2001-08-29		4.09

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2001-07-24		4.04	2001-05-24		4.03
2001-04-25		4.11	2001-02-22		4.19
2001-01-17		4.17	2000-11-28		4.27
2000-10-24		4.33	2000-09-27		4.09
2000-07-27		4.23	2000-06-28		4.10
2000-05-23		4.12	2000-03-22		4.07
2000-02-29		4.11	1999-12-13		4.27
1999-11-23		4.29	1999-10-19		4.24
1999-09-23		4.07	1999-08-17		3.87
1999-07-20		3.94	1999-06-24		3.92
1999-05-18		4.06	1999-04-28		4.14
1999-03-02		4.14	1999-01-27		4.08
1998-11-24		4.15	1998-07-28		4.15
1998-06-10		4.25	1998-04-29		4.48
1998-03-31		4.47	1997-11-05		4.32
1997-09-29		4.03	1997-07-23		4.01
1997-06-26		4.04	1997-05-29		3.97
1997-02-28		5.36	1997-01-24		5.42
1997-01-07		4.56	1996-09-19		4.14
1996-07-02		4.17	1996-03-13		4.40
1996-01-23		4.37	1995-11-28		3.70
1995-09-26		4.10	1995-07-19		3.99
1995-05-23		3.51	1995-03-14		4.24
1995-01-25		4.29	1994-12-13		4.31
1994-10-18		4.39	1994-09-21		4.04
1994-08-24		4.15	1994-07-27		4.17
1994-06-20		4.09	1994-05-17		4.56
1994-04-26		4.56	1994-03-25		4.57
1994-02-22		4.38	1994-02-02		4.43
1993-12-27		4.33	1993-11-18		4.40
1993-10-28		4.49	1993-09-15		4.06
1993-08-18		4.07	1993-07-15		4.08
1993-06-22		4.08	1993-05-20		4.11
1993-04-29		4.59	1993-01-26		4.46
1992-12-29		4.50	1992-11-24		4.38
1992-10-28		4.35	1992-09-16		4.11
1992-08-25		4.06	1992-07-15		3.97
1992-06-23		3.87	1992-05-12		4.17
1992-04-14		4.16	1992-03-18		4.13
1992-02-19		4.24	1992-01-22		4.23
1991-12-18		4.35	1991-11-14		4.41
1991-10-16		4.55	1991-09-17		3.63
1991-08-15		4.34	1991-07-16		4.38
1991-06-12		3.67	1991-05-15		3.40
1991-04-15		4.39	1991-03-20		4.62
1991-02-21		4.44	1991-01-24		4.68
1990-12-10		2.99	1990-11-13		3.60
1990-10-10		3.23	1990-09-12		4.60
1990-08-14		4.61	1990-06-20		4.27
1990-05-25		4.20	1990-04-24		4.38
1990-04-04		4.45	1990-02-26		4.32
1990-01-24		4.46	1989-12-28		4.51
1989-11-21		3.87	1989-10-27		3.51
1989-09-29		2.44	1989-08-31		4.74
1989-07-25		4.68	1989-06-22		4.50

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1989-05-22		4.31	1989-04-28		4.15
1989-03-29		0.54	1989-02-28		1.24
1989-01-17		2.37	1988-12-09		4.46
1988-11-16		4.39	1988-10-19		4.50
1988-09-14		4.67	1988-08-31		1.27
1988-07-22		4.21	1988-06-17		4.17
1988-06-01		4.42	1987-09-10		4.30
1987-03-10		2.95	1986-09-10		4.00
1986-06-13		2.74	1986-03-11		3.81
1985-12-03		4.38	1985-10-03		4.20
1985-05-21		4.05	1984-12-18		1.82
1984-10-05		2.37	1984-06-28		2.67
1984-03-16		4.91	1984-01-05		5.97
1983-09-29		5.09	1983-06-29		5.47
1983-03-25		5.33	1982-12-21		4.68
1982-10-06		4.37	1982-06-30		5.07
1982-04-02		4.60	1981-12-29		2.47
1981-09-23		4.72	1981-06-24		4.10
1981-03-20		4.97	1980-12-30		4.67
1980-09-23		4.59	1980-06-19		4.42
1980-03-13		4.55	1979-12-18		5.80
1979-09-17		4.09	1979-06-28		3.87
1979-03-26		4.95	1978-12-22		4.57
1978-10-02		6.08	1978-06-23		5.26
1978-04-04		5.37	1978-01-03		5.05
1977-09-23		3.77	1977-07-06		4.61
1977-03-28		4.47	1976-12-22		4.27
1976-09-23		4.48	1976-06-28		3.38
1976-03-23		4.18	1975-12-16		4.37
1975-10-07		4.60	1975-06-30		4.09
1975-03-26		4.40	1974-12-19		4.69
1974-09-04		3.20	1974-06-26		4.48
1974-03-19		4.40	1974-01-09		4.57
1973-09-24		4.09	1973-07-09		4.28
1973-04-03		4.47	1972-12-27		3.58
1972-09-29		3.84	1972-07-10		3.58
1972-03-28		4.95	1972-01-13		4.84
1971-10-12		4.67	1969-09-03		3.29
1969-04-22		2.95	1968-11-06		2.77
1968-04-22		2.77	1967-10-20		1.64
1967-03-28		2.11	1966-10-24		1.72
1966-05-03		1.49	1965-10-28		1.65
1965-09-14		1.43	1965-05-03		1.69
1964-10-30		1.65	1964-04-23		1.61
1963-04-29		1.43	1962-04-26		0.67
1961-12-28		-0.62	1961-01-19		-7.72

50
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2118385

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404225073560701
Site name:	K 893. 1		
Latitude:	404225	EDR Site id:	USGS2118385
Longitude:	0735607	Dec lat:	40.7070471
Dec lon:	-73.93485976	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KF1203	Map scale:	Not Reported
Altitude:	20.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	118.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**51
SSE
1/2 - 1 Mile
Higher**

FED USGS USGS2118960

Agency cd:	USGS	Site no:	404132073564301
Site name:	K 249. 1		
Latitude:	404132	EDR Site id:	USGS2118960
Longitude:	0735643	Dec lat:	40.69232516
Dec lon:	-73.94486003	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1350	Map scale:	Not Reported
Altitude:	40.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	175.	Hole depth:	175.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

**52
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS2118862

Agency cd:	USGS	Site no:	404150073561301
Site name:	K 255. 1	EDR Site id:	USGS2118862
Latitude:	404150	Dec lat:	40.69732507
Longitude:	0735613	Coor meth:	M
Dec lon:	-73.93652647	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1298		
Altitude:	54.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	123.	Hole depth:	123.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

K53
East
1/2 - 1 Mile
Higher

FED USGS USGS2118627

Agency cd:	USGS	Site no:	404206073560503
Site name:	K 1273. 1		
Latitude:	404206	EDR Site id:	USGS2118627
Longitude:	0735605	Dec lat:	40.70176943
Dec lon:	-73.93430418	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KF1205	Map scale:	Not Reported
Altitude:	40.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	275.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

K54
East
1/2 - 1 Mile
Higher

FED USGS USGS2118626

Agency cd:	USGS	Site no:	404206073560501
Site name:	K 1153. 1		
Latitude:	404206	EDR Site id:	USGS2118626
Longitude:	0735605	Dec lat:	40.70176943
Dec lon:	-73.93430418	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KF1205	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	42.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	103.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1970-08-12
Water quality data end date:	1970-08-12	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

55
NNE
1/2 - 1 Mile
Higher

FED USGS USGS2118022

Agency cd:	USGS	Site no:	404253073563501
Site name:	K 678. 1	EDR Site id:	USGS2118022
Latitude:	404253	Dec lat:	40.71482472
Longitude:	0735635	Coor meth:	M
Dec lon:	-73.94263777	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1169		
Altitude:	39.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	221.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

56
North
1/2 - 1 Mile
Higher

FED USGS USGS2118072

Agency cd:	USGS	Site no:	404258073570001
Site name:	K 691. 1	EDR Site id:	USGS2118072
Latitude:	404258	Dec lat:	40.71621357
Longitude:	0735700	Coor meth:	M
Dec lon:	-73.94958241	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KE1138		
Altitude:	18.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	195.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

K57
East
1/2 - 1 Mile
Higher

FED USGS USGS2118647

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404208073560201
Site name:	K 36. 1		
Latitude:	404208	EDR Site id:	USGS2118647
Longitude:	0735602	Dec lat:	40.70232498
Dec lon:	-73.93347083	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KF1205	Map scale:	Not Reported
Altitude:	35.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	115.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	1970-08-12	Water quality data begin date:	1970-08-12
Water quality data end date:	1970-08-12	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

58
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2118289

Agency cd:	USGS	Site no:	404237073561201
Site name:	K 889. 1		
Latitude:	404237	EDR Site id:	USGS2118289
Longitude:	0735610	Dec lat:	40.71038037
Dec lon:	-73.93569312	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1291	Map scale:	Not Reported
Altitude:	21.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: GLACIAL AQUIFER,UPPER
 Well depth: 74. Hole depth: 74.
 Source of depth data: Not Reported
 Project number: Not Reported
 Real time data flag: 0
 Daily flow data end date: 0000-00-00
 Daily flow data begin date: 0000-00-00
 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00
 Peak flow data end date: 0000-00-00
 Peak flow data count: 0
 Water quality data begin date: 0000-00-00
 Water quality data end date: 0000-00-00
 Water quality data count: 0
 Ground water data begin date: 1945-06-04
 Ground water data end date: 1985-10-01
 Ground water data count: 265

Ground-water levels, Number of Measurements: 265

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-10-01		3.53	1985-05-21		4.48
1984-12-18		4.95	1984-10-05		5.16
1984-06-27		5.47	1984-03-15		5.13
1984-01-05		5.76	1983-09-29		4.96
1983-06-29		4.59	1983-03-25		3.96
1982-12-21		3.69	1982-10-06		3.86
1982-06-30		3.96	1982-04-02		4.19
1981-12-29		4.01	1981-09-23		4.10
1981-06-24		4.28	1981-03-18		5.36
1980-12-30		3.96	1980-09-23		5.06
1980-06-24		5.14	1980-03-13		4.02
1979-12-18		4.92	1979-09-17		4.57
1979-06-28		4.07	1979-03-26		5.46
1978-12-22		5.11	1978-10-02		5.94
1978-06-23		3.93	1978-04-04		4.06
1978-01-03		4.29	1977-09-22		3.81
1977-07-07		3.33	1977-03-29		2.60
1976-12-22		2.81	1976-09-23		3.25
1976-07-09		3.97	1976-06-28		3.21
1976-03-23		3.02	1975-12-16		3.17
1975-10-07		3.10	1975-06-30		2.80
1975-03-26		2.67	1974-12-19		1.99
1974-09-04		2.44	1974-06-26		2.58
1974-03-19		2.36	1974-01-09		2.26
1973-09-24		1.86	1973-07-02		2.22
1973-04-03		0.97	1972-12-27		1.70
1972-10-02		1.57	1972-07-10		1.94
1972-03-28		0.27	1972-01-13		0.44
1971-09-27		0.57	1971-03-08		1.08
1970-11-02		1.02	1970-03-13		1.52
1969-11-12		0.49	1969-09-05		0.24
1969-04-23		-0.34	1968-11-06		-3.34
1968-04-22		0.46	1967-10-20		-0.01
1967-03-28		-0.64	1966-10-24		-2.53
1966-05-03		-0.64	1965-10-28		-1.85
1965-09-14		-2.21	1964-10-30		-1.79
1964-04-27		-0.19	1963-11-05		-1.31
1963-04-29		-0.13	1962-12-04		-0.88
1962-04-26		-0.54	1961-12-28		-1.92
1961-10-02		-2.45	1961-03-28		-3.06

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1960-12-27		-3.44	1960-09-28		-4.38
1960-07-05		-4.23	1960-03-31		-4.56
1960-01-14		-4.97	1959-10-07		-5.06
1959-07-17		-4.44	1959-03-18		-4.96
1958-01-10		-4.06	1957-09-24		-4.44
1957-06-27		-3.61	1957-03-27		-3.58
1956-12-18		-3.19	1956-11-29		-3.09
1956-10-25		-3.01	1956-10-02		-3.06
1956-08-02		-3.00	1956-07-11		-2.95
1956-06-05		-3.05	1956-05-15		-3.26
1956-03-05		-3.53	1956-02-03		-3.69
1955-12-22		-3.74	1955-11-15		-4.04
1955-10-07		-4.61	1955-08-25		-4.74
1955-07-27		-4.72	1955-06-23		-4.43
1955-04-26		-4.91	1955-03-29		-5.07
1955-02-25		-5.33	1955-01-25		-5.34
1954-12-27		-5.61	1954-06-29		-6.25
1954-05-27		-6.72	1954-04-28		-6.79
1954-03-30		-6.87	1954-02-25		-7.02
1954-01-28		-7.19	1953-12-23		-7.15
1953-12-02		-7.25	1953-10-02		-7.61
1953-08-03		-7.45	1953-06-23		-7.47
1953-05-25		-7.91	1953-04-27		-8.26
1953-03-24		-8.82	1953-02-27		-9.10
1953-02-05		-9.37	1952-12-24		-10.14
1952-12-05		-10.54	1952-11-03		-11.13
1952-08-25		-12.22	1952-07-25		-12.62
1952-06-24		-13.11	1952-05-27		-13.84
1952-04-29		-14.33	1952-03-24		-15.09
1952-02-20		-15.88	1952-01-29		-16.33
1951-12-20		-16.98	1951-11-28		-17.37
1951-11-02		-17.86	1951-09-26		-18.29
1951-08-28		-18.53	1951-07-26		-18.97
1951-06-28		-19.39	1951-05-29		-19.79
1951-05-02		-20.22	1951-03-27		-20.97
1951-02-26		-21.64	1951-01-30		-22.36
1950-12-20		-24.01	1950-11-28		-24.60
1950-10-31		-24.76	1950-09-27		-24.78
1950-08-29		-24.63	1950-07-27		-24.48
1950-06-29		-24.52	1950-06-05		-24.63
1950-04-27		-24.97	1950-03-29		-24.90
1950-03-01		-25.44	1950-01-26		-25.69
1949-12-28		-25.78	1949-11-28		-25.76
1949-10-31		-25.53	1949-09-28		-25.59
1949-08-31		-25.62	1949-07-28		-25.72
1949-06-30		-25.89	1949-06-01		-26.02
1949-04-28		-26.14	1949-04-05		-26.39
1949-02-23		-27.08	1949-01-27		-27.47
1948-12-28		-27.87	1948-12-14		-28.03
1948-11-04		-28.60	1948-10-06		-28.94
1948-08-30		-29.46	1948-07-26		-30.22
1948-06-30		-30.77	1948-06-02		-31.35
1948-04-27		-32.12	1948-03-26		-32.84
1948-03-02		-33.43	1948-02-03		-34.37
1948-01-07		-35.55	1947-12-17		-35.93

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1947-11-26		-36.76	1947-11-20		-36.87
1947-10-31		-37.15	1947-10-14		-37.22
1947-10-07		-37.17	1947-09-30		-37.13
1947-09-16		-37.00	1947-08-27		-36.56
1947-08-13		-36.15	1947-07-30		-35.58
1947-07-23		-35.29	1947-07-16		-35.21
1947-07-07		-35.95	1947-07-02		-36.46
1947-07-01		-36.32	1947-06-30		-36.69
1947-06-24		-37.12	1947-06-20		-37.16
1947-06-13		-37.06	1947-06-06		-36.95
1947-05-29		-36.78	1947-05-23		-36.63
1947-05-17		-36.47	1947-05-16		-36.41
1947-05-10		-35.93	1947-05-03		-35.89
1947-04-26		-35.43	1947-04-19		-35.17
1947-04-18		-35.09	1947-03-29		-33.64
1947-03-22		-33.32	1947-03-08		-34.08
1947-03-01		-35.65	1947-02-22		-36.06
1947-02-15		-36.93	1947-02-08		-37.58
1947-02-01		-38.31	1947-01-25		-39.01
1947-01-18		-37.73	1947-01-10		-37.61
1946-10-19		-31.90	1946-10-12		-27.83
1946-10-05		-20.51	1946-09-23		-36.25
1946-09-16		-37.75	1946-08-30		-38.35
1946-08-19		-38.17	1946-07-30		-37.69
1946-07-08		-37.25	1946-06-10		-36.63
1946-05-27		-36.17	1946-05-20		-35.97
1946-05-13		-35.55	1946-05-06		-35.32
1946-04-29		-35.07	1946-04-22		-35.31
1946-04-15		-35.44	1946-04-08		-35.56
1946-04-01		-35.67	1946-03-25		-35.66
1946-03-18		-35.80	1946-03-11		-35.79
1946-03-04		-35.75	1946-02-25		-35.66
1946-02-18		-35.67	1946-02-11		-35.61
1946-01-08		-35.07	1945-12-03		-34.78
1945-11-06		-34.30	1945-09-28		-33.23
1945-09-12		-32.54	1945-08-08		-30.12
1945-07-23		-30.27	1945-07-03		-30.41
1945-06-04		-30.46			

**K59
East
1/2 - 1 Mile
Higher**

FED USGS USGS2118595

Agency cd:	USGS	Site no:	404204073560201
Site name:	K 1336. 1	EDR Site id:	USGS2118595
Latitude:	404204	Dec lat:	40.70121389
Longitude:	0735602	Coor meth:	M
Dec lon:	-73.93347083	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KF1206		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	50.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	163.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**60
West
1/2 - 1 Mile
Lower**

FED USGS USGS2118492

Agency cd:	USGS	Site no:	404215073580501
Site name:	K 611. 1	EDR Site id:	USGS2118492
Latitude:	404215	Dec lat:	40.70426933
Longitude:	0735805	Coor meth:	M
Dec lon:	-73.96763847	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1254		
Altitude:	10.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	130.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

61
ENE
1/2 - 1 Mile
Higher

FED USGS USGS2118400

Agency cd:	USGS	Site no:	404227073560001
Site name:	K 3111. 1	EDR Site id:	USGS2118400
Latitude:	404227	Dec lat:	40.70760265
Longitude:	0735600	Coor meth:	M
Dec lon:	-73.93291526	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KF1213		
Altitude:	18.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	Not Reported	Hole depth:	95.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data end date:	1967-11-15	Water quality data begin date:	1967-11-15
Water quality data count:	1		
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

62
East
1/2 - 1 Mile
Higher

FED USGS USGS2118658

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404209073555701
Site name:	K 87. 1	EDR Site id:	USGS2118658
Latitude:	404209	Dec lat:	40.70260275
Longitude:	0735557	Coor meth:	M
Dec lon:	-73.9320819	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KF1215		
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	160.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00		
Water quality data end date:	0000-00-00		
Water quality data count:	0		
Ground water data begin date:	1937-11-08		
Ground water data end date:	1941-05-31		
Ground water data count:	184		

Ground-water levels, Number of Measurements: 184

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-05-31		-9.41	1941-05-24		-9.39
1941-05-17		-9.36	1941-05-10		-9.36
1941-05-03		-9.32	1941-04-26		-9.30
1941-04-19		-9.27	1941-04-12		-9.27
1941-04-05		-9.25	1941-03-29		-9.25
1941-03-22		-9.24	1941-03-15		-9.24
1941-03-08		-9.22	1941-03-01		-9.22
1941-02-22		-9.22	1941-02-15		-9.22
1941-02-08		-9.22	1941-02-01		-9.23
1941-01-25		-9.23	1941-01-18		-9.24
1941-01-11		-9.24	1941-01-04		-9.26
1940-12-28		-9.25	1940-12-21		-9.24
1940-12-14		-9.20	1940-12-07		-9.19
1940-11-30		-9.16	1940-11-23		-9.13
1940-11-16		-9.13	1940-11-09		-9.10
1940-11-02		-9.05	1940-10-26		-9.03
1940-10-19		-8.98	1940-10-12		-8.92
1940-10-05		-8.91	1940-09-28		-8.88
1940-09-21		-8.82	1940-09-14		-8.74
1940-09-07		-8.67	1940-08-31		-8.51
1940-08-24		-8.55	1940-08-17		-8.44
1940-08-10		-8.50	1940-08-03		-8.34

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1940-07-20		-8.86	1940-07-13		-8.70
1940-07-06		-8.72	1940-06-29		-7.98
1940-06-22		-8.45	1940-06-15		-8.10
1940-06-08		-7.91	1940-06-01		-7.83
1940-05-25		-7.79	1940-05-18		-7.78
1940-05-11		-7.77	1940-05-04		-7.75
1940-04-27		-7.73	1940-04-20		-7.72
1940-04-13		-7.69	1940-04-06		-7.60
1940-03-30		-7.69	1940-03-23		-7.71
1940-03-16		-7.69	1940-03-09		-7.71
1940-03-02		-7.68	1940-02-24		-7.71
1940-02-17		-7.69	1940-02-10		-8.44
1940-02-03		-8.47	1940-01-27		-8.37
1940-01-20		-8.43	1940-01-13		-8.51
1940-01-06		-8.73	1939-12-30		-8.58
1939-12-23		-8.73	1939-12-16		-8.77
1939-12-09		-8.56	1939-12-02		-8.70
1939-11-25		-8.92	1939-11-18		-9.02
1939-11-11		-8.91	1939-11-04		-8.93
1939-10-28		-8.98	1939-10-21		-8.92
1939-10-14		-8.98	1939-10-07		-8.82
1939-09-30		-8.87	1939-09-23		-7.99
1939-09-16		-7.92	1939-09-08		-7.87
1939-09-01		-7.82	1939-08-25		-7.76
1939-08-18		-7.70	1939-08-11		-7.63
1939-08-04		-7.60	1939-07-28		-7.53
1939-07-07		-7.33	1939-06-30		-7.33
1939-06-23		-7.33	1939-06-16		-7.36
1939-06-09		-7.38	1939-06-02		-7.39
1939-05-26		-7.41	1939-05-19		-7.45
1939-05-12		-7.48	1939-05-05		-7.46
1939-04-28		-7.48	1939-04-21		-7.48
1939-04-15		-7.50	1939-04-08		-7.52
1939-03-31		-7.61	1939-03-24		-7.69
1939-03-17		-7.69	1939-03-10		-7.63
1939-03-03		-7.92	1939-02-24		-7.70
1939-02-17		-7.72	1939-02-10		-7.74
1939-02-03		-7.79	1939-01-27		-7.85
1939-01-20		-7.86	1939-01-13		-7.89
1939-01-06		-7.93	1938-12-30		-7.95
1938-12-23		-8.00	1938-12-16		-8.03
1938-12-09		-8.07	1938-12-02		-8.13
1938-11-25		-8.13	1938-11-18		-8.17
1938-11-11		-8.16	1938-11-04		-8.21
1938-10-28		-8.22	1938-10-21		-8.24
1938-10-14		-8.27	1938-10-07		-8.29
1938-09-30		-8.33	1938-09-23		-8.36
1938-09-16		-8.38	1938-09-09		-8.36
1938-09-02		-8.34	1938-08-26		-8.28
1938-08-19		-8.26	1938-08-12		-8.22
1938-08-05		-8.18	1938-07-29		-8.13
1938-07-22		-8.08	1938-07-15		-8.08
1938-07-08		-8.00	1938-07-01		-7.96
1938-06-25		-7.93	1938-06-18		-7.86
1938-06-11		-7.83	1938-06-04		-7.82

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1938-05-28		-7.77	1938-05-21		-7.76
1938-05-14		-7.74	1938-05-07		-7.74
1938-04-30		-7.72	1938-04-23		-7.71
1938-04-16		-7.68	1938-04-09		-7.66
1938-04-02		-7.67	1938-03-26		-7.67
1938-03-19		-7.69	1938-03-12		-7.71
1938-03-05		-7.73	1938-02-26		-7.76
1938-02-19		-7.79	1938-02-12		-7.83
1938-02-04		-7.84	1938-01-28		-7.89
1938-01-21		-7.91	1938-01-14		-7.93
1938-01-07		-7.99	1937-12-31		-8.02
1937-12-24		-8.04	1937-12-18		-8.06
1937-12-11		-8.13	1937-12-04		-8.13
1937-11-27		-8.18	1937-11-20		-8.23
1937-11-13		-8.23	1937-11-08		-8.25

**L63
WSW
1/2 - 1 Mile
Higher**

FED USGS USGS2118836

Agency cd:	USGS	Site no:	404146073575601
Site name:	K 1313. 1	EDR Site id:	USGS2118836
Latitude:	404146	Dec lat:	40.69621395
Longitude:	0735756	Coor meth:	M
Dec lon:	-73.96513839	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1278		
Altitude:	31.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	161.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M64
NNW
1/2 - 1 Mile
Higher

FED USGS USGS2118055

Agency cd:	USGS	Site no:	404256073573401
Site name:	K 1303. 1		
Latitude:	404256	EDR Site id:	USGS2118055
Longitude:	0735734	Dec lat:	40.71565801
Dec lon:	-73.95902713	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KD1198	Map scale:	Not Reported
Altitude:	16.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	90.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

65
SSW
1/2 - 1 Mile
Higher

FED USGS USGS2118921

Agency cd:	USGS	Site no:	404126073572501
Site name:	K 256. 1		
Latitude:	404126	EDR Site id:	USGS2118921
Longitude:	0735725	Dec lat:	40.69065851
Dec lon:	-73.95652703	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KE1301	Map scale:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	50.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	174.	Hole depth:	206.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**L66
WSW
1/2 - 1 Mile
Higher**

FED USGS USGS2118828

Agency cd:	USGS	Site no:	404145073575701
Site name:	K 1319. 1	EDR Site id:	USGS2118828
Latitude:	404145	Dec lat:	40.69593617
Longitude:	0735757	Coor meth:	M
Dec lon:	-73.96541618	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1268		
Altitude:	31.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	145.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

L67
WSW
1/2 - 1 Mile
Higher

FED USGS USGS2118829

Agency cd:	USGS	Site no:	404145073575702
Site name:	K 1340. 1	EDR Site id:	USGS2118829
Latitude:	404145	Dec lat:	40.69593617
Longitude:	0735757	Coor meth:	M
Dec lon:	-73.96541618	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1268		
Altitude:	25.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	145.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

68
East
1/2 - 1 Mile
Higher

FED USGS USGS2118491

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404215073555501
Site name:	K 894. 1		
Latitude:	404215	EDR Site id:	USGS2118491
Longitude:	0735555	Dec lat:	40.70426939
Dec lon:	-73.93152633	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KF1214	Map scale:	Not Reported
Altitude:	30.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	282.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**N69
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS2118769

Agency cd:	USGS	Site no:	404201073555601
Site name:	K 887. 1		
Latitude:	404201	EDR Site id:	USGS2118769
Longitude:	0735556	Dec lat:	40.70038057
Dec lon:	-73.93180411	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KF1216	Map scale:	Not Reported
Altitude:	49.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	125.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**M70
NNW
1/2 - 1 Mile
Higher**

FED USGS USGS2118066

Agency cd:	USGS	Site no:	404257073573701
Site name:	K 2262. 1	EDR Site id:	USGS2118066
Latitude:	404257	Dec lat:	40.71593578
Longitude:	0735737	Coor meth:	M
Dec lon:	-73.95986048	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KD1198		
Altitude:	8.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	61.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

71
SE
1/2 - 1 Mile
Higher

FED USGS USGS2118807

Agency cd:	USGS	Site no:	404142073560708
Site name:	K 92. 1		
Latitude:	404142	EDR Site id:	USGS2118807
Longitude:	0735607	Dec lat:	40.6951029
Dec lon:	-73.93485975	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	36
State:	36	County:	047
Country:	US	Land net:	Not Reported
Location map:	KF1209	Map scale:	Not Reported
Altitude:	Not Reported		
Altitude method:	Not Reported		
Altitude accuracy:	Not Reported		
Altitude datum:	Not Reported		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	GLACIAL AQUIFER,UPPER		
Well depth:	185.	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1937-12-11	Ground water data end date:	1960-01-11
Ground water data count:	439		

Ground-water levels, Number of Measurements: 439

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1960-01-11		0.40	1959-10-08		0.51
1959-07-21		0.73	1958-01-10		-0.15
1957-09-24		-0.30	1957-06-27		0.15
1957-03-27		0.53	1956-12-18		0.36
1956-11-29		0.37	1956-10-25		0.05
1956-10-02		0.05	1956-08-02		-0.13
1956-07-11		-0.01	1956-06-05		0.02
1956-05-15		-0.05	1956-03-05		-0.34
1956-02-07		-0.47	1955-12-22		-1.34
1955-11-15		-1.12	1955-10-07		-1.27
1955-08-25		-1.69	1955-07-28		-1.62
1955-06-23		-1.56	1955-05-25		-1.15
1955-04-26		-1.24	1955-03-29		-1.44
1955-02-25		-1.43	1955-01-25		-1.68
1954-12-27		-1.99	1954-06-29		-2.45

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1954-04-28		-2.24	1954-03-30		-2.38
1954-02-25		-2.51	1954-01-28		-2.78
1953-12-23		-3.30	1953-12-02		-3.43
1953-10-28		-3.86	1953-10-01		-4.17
1953-08-28		-4.06	1953-08-03		-4.40
1953-06-24		-4.45	1953-05-22		-4.41
1953-04-27		-4.64	1953-03-24		-5.29
1953-02-27		-5.68	1953-02-05		-6.12
1952-12-24		-6.98	1952-12-05		-7.35
1952-11-03		-8.23	1952-09-22		-8.82
1952-08-25		-9.25	1952-07-23		-9.64
1952-06-24		-9.99	1952-05-27		-10.33
1952-04-29		-10.64	1952-03-24		-10.95
1952-02-20		-11.37	1952-01-29		-11.64
1951-12-20		-11.99	1951-11-28		-12.18
1951-11-01		-12.27	1951-09-26		-12.46
1951-08-28		-12.59	1951-07-26		-12.54
1951-06-28		-12.60	1951-05-29		-12.34
1951-05-02		-12.13	1951-03-27		-12.56
1951-02-26		-12.75	1951-01-30		-13.05
1950-12-20		-13.40	1950-11-28		-13.61
1950-10-31		-13.99	1950-09-27		-14.20
1950-08-29		-14.05	1950-07-27		-13.93
1950-06-29		-13.71	1950-06-05		-13.39
1950-04-27		-13.29	1950-03-29		-13.43
1950-03-01		-13.63	1950-01-26		-14.01
1949-12-28		-14.45	1949-11-28		-14.89
1949-10-31		-15.35	1949-09-28		-15.52
1949-08-31		-15.78	1949-07-28		-16.00
1949-06-30		-16.17	1949-06-01		-16.23
1949-04-28		-16.48	1949-04-05		-16.79
1949-02-21		-17.52	1949-01-27		-18.15
1948-12-28		-18.68	1948-12-09		-18.80
1948-11-04		-19.04	1948-10-04		-19.30
1948-08-30		-19.58	1948-07-26		-19.83
1948-07-01		-19.90	1948-06-02		-19.95
1948-04-27		-20.19	1948-03-26		-20.17
1948-03-02		-20.33	1948-02-03		-20.77
1948-01-07		-21.16	1947-12-16		-21.55
1947-11-26		-21.73	1947-11-20		-21.85
1947-10-31		-22.23	1947-10-14		-22.47
1947-10-07		-22.57	1947-09-30		-22.65
1947-09-15		-22.75	1947-08-27		-22.81
1947-08-13		-22.83	1947-07-30		-22.81
1947-07-23		-22.82	1947-07-16		-22.77
1947-07-07		-22.71	1947-07-02		-22.70
1947-07-01		-22.69	1947-06-30		-22.71
1947-06-24		-22.69	1947-05-27		-22.67
1947-05-07		-22.66	1947-04-04		-22.61
1947-03-05		-22.57	1947-01-27		-22.51
1946-12-27		-22.43	1946-11-26		-22.34
1946-10-22		-22.60	1946-09-26		-22.22
1946-08-30		-21.95	1946-07-26		-22.04
1946-07-01		-21.95	1946-06-18		-21.85
1946-05-10		-21.78	1946-04-12		-21.67

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1946-03-18		-21.50	1946-02-15		-21.41
1946-01-08		-21.55	1945-12-04		-21.91
1945-11-06		-22.12	1945-09-28		-22.38
1945-09-12		-22.38	1945-08-08		-22.28
1945-07-03		-22.04	1945-06-04		-21.84
1945-04-27		-21.65	1945-04-04		-21.54
1945-03-03		-21.26	1945-02-06		-21.62
1945-01-02		-22.09	1944-12-06		-22.17
1944-10-27		-22.68	1944-10-04		-22.98
1944-09-02		-22.98	1944-07-31		-22.84
1944-07-05		-22.64	1944-05-27		-22.29
1944-05-05		-22.12	1944-04-01		-21.71
1944-02-26		-22.94	1944-01-29		-22.89
1944-01-01		-22.93	1943-11-27		-22.90
1943-10-30		-22.82	1943-08-28		-21.70
1943-07-31		-21.68	1943-06-26		-21.65
1943-05-29		-21.61	1943-05-01		-21.72
1943-03-27		-21.88	1943-02-27		-22.08
1943-01-30		-22.20	1943-01-02		-22.41
1942-12-26		-22.48	1942-12-19		-22.52
1942-12-12		-22.56	1942-12-05		-22.64
1942-11-28		-22.68	1942-11-21		-22.75
1942-11-14		-22.81	1942-11-07		-22.90
1942-10-31		-22.98	1942-10-24		-23.10
1942-10-17		-23.19	1942-10-10		-23.30
1942-10-03		-23.41	1942-09-26		-23.40
1942-09-19		-23.35	1942-09-12		-23.34
1942-09-05		-23.31	1942-08-29		-23.29
1942-08-22		-23.25	1942-08-15		-23.20
1942-08-08		-23.15	1942-08-01		-23.04
1942-07-25		-22.98	1942-07-18		-22.86
1942-07-11		-22.78	1942-06-27		-22.53
1942-06-20		-22.38	1942-06-13		-22.24
1942-06-06		-22.10	1942-05-30		-22.04
1942-05-23		-22.03	1942-05-16		-22.06
1942-05-09		-22.08	1942-05-02		-22.10
1942-04-25		-22.12	1942-04-18		-22.15
1942-04-11		-22.18	1942-04-04		-22.23
1942-03-28		-22.25	1942-03-21		-22.25
1942-03-14		-22.30	1942-03-07		-22.36
1942-02-28		-22.39	1942-02-21		-22.41
1942-02-14		-22.45	1942-02-07		-22.49
1942-01-31		-22.54	1942-01-24		-22.61
1942-01-17		-22.67	1942-01-10		-22.71
1942-01-03		-22.81	1941-12-27		-22.85
1941-12-20		-22.93	1941-12-13		-22.99
1941-12-06		-23.08	1941-11-29		-23.17
1941-11-22		-23.27	1941-11-15		-23.36
1941-11-08		-23.48	1941-11-01		-23.59
1941-10-25		-23.72	1941-10-18		-23.85
1941-10-11		-24.00	1941-10-04		-24.08
1941-09-27		-24.04	1941-09-20		-23.97
1941-09-13		-23.90	1941-09-06		-23.80
1941-08-30		-23.72	1941-08-23		-23.62
1941-08-16		-23.52	1941-08-09		-23.41

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1941-08-02		-23.29	1941-07-26		-23.15
1941-07-19		-23.02	1941-07-12		-22.86
1941-07-05		-22.73	1941-06-28		-22.54
1941-06-21		-22.35	1941-06-14		-22.17
1941-06-07		-22.03	1941-05-31		-21.89
1941-05-24		-21.76	1941-05-17		-21.61
1941-05-10		-21.45	1941-05-03		-21.29
1941-04-26		-21.31	1941-04-19		-21.34
1941-04-12		-21.38	1941-04-05		-21.41
1941-03-29		-21.45	1941-03-22		-21.50
1941-03-15		-21.56	1941-03-08		-21.61
1941-03-01		-21.68	1941-02-22		-21.73
1941-02-15		-21.80	1941-02-08		-21.88
1941-02-01		-21.93	1941-01-25		-22.01
1941-01-18		-22.07	1941-01-11		-22.15
1941-01-04		-22.22	1940-12-28		-22.32
1940-12-21		-22.41	1940-12-14		-22.53
1940-12-07		-22.63	1940-11-30		-22.76
1940-11-23		-22.89	1940-11-16		-23.01
1940-11-09		-23.17	1940-11-02		-23.33
1940-10-26		-23.49	1940-10-19		-23.66
1940-10-12		-23.81	1940-10-05		-23.97
1940-09-28		-23.98	1940-09-21		-23.92
1940-09-14		-23.97	1940-09-07		-23.95
1940-08-31		-23.83	1940-08-24		-23.84
1940-08-17		-23.79	1940-08-10		-23.73
1940-08-03		-23.64	1940-07-27		-23.61
1940-07-20		-23.64	1940-07-13		-23.40
1940-07-06		-23.38	1940-06-29		-23.20
1940-06-22		-23.23	1940-06-15		-23.12
1940-06-08		-23.01	1940-06-01		-22.85
1940-05-25		-22.84	1940-05-18		-22.83
1940-05-11		-22.86	1940-05-04		-22.81
1940-04-27		-22.83	1940-04-20		-22.81
1940-04-13		-22.84	1940-04-06		-22.85
1940-03-30		-22.84	1940-03-23		-22.85
1940-03-16		-22.89	1940-03-09		-22.92
1940-03-02		-22.92	1940-02-24		-22.93
1940-02-17		-23.02	1940-02-10		-22.96
1940-02-03		-23.00	1940-01-27		-23.01
1940-01-20		-23.01	1940-01-13		-23.04
1940-01-06		-23.05	1939-12-30		-23.06
1939-12-23		-23.07	1939-12-16		-23.14
1939-12-09		-23.21	1939-12-02		-23.40
1939-11-25		-23.61	1939-11-18		-23.82
1939-11-11		-24.00	1939-11-04		-24.16
1939-10-28		-24.21	1939-10-21		-24.25
1939-10-14		-24.33	1939-10-07		-24.38
1939-09-30		-24.46	1939-09-23		-24.35
1939-09-16		-24.21	1939-09-08		-24.35
1939-09-01		-24.32	1939-08-25		-24.29
1939-08-18		-24.25	1939-08-11		-24.24
1939-08-04		-24.20	1939-07-28		-23.81
1939-07-21		-24.05	1939-07-14		-23.99
1939-07-07		-23.94	1939-06-30		-23.85

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1939-06-23		-23.82	1939-06-16		-23.79
1939-06-09		-23.73	1939-06-02		-23.64
1939-05-26		-23.54	1939-05-19		-23.47
1939-05-12		-23.41	1939-05-05		-23.30
1939-04-28		-23.35	1939-04-21		-23.40
1939-04-15		-23.37	1939-04-08		-23.52
1939-03-31		-23.66	1939-03-24		-23.73
1939-03-17		-23.77	1939-03-10		-23.68
1939-03-03		-23.74	1939-02-24		-23.80
1939-02-17		-23.84	1939-02-10		-23.89
1939-02-03		-23.93	1939-01-27		-24.04
1939-01-20		-24.06	1939-01-13		-24.12
1939-01-06		-24.21	1938-12-30		-24.28
1938-12-23		-24.35	1938-12-16		-24.42
1938-12-09		-24.53	1938-12-02		-24.53
1938-11-25		-24.57	1938-11-18		-24.60
1938-11-04		-24.69	1938-10-28		-24.73
1938-10-21		-24.80	1938-10-14		-24.88
1938-10-07		-24.99	1938-09-23		-25.15
1938-09-16		-25.23	1938-09-09		-25.28
1938-09-02		-25.25	1938-08-26		-25.15
1938-08-19		-25.04	1938-08-12		-24.92
1938-08-05		-24.85	1938-07-29		-24.71
1938-07-22		-24.61	1938-07-15		-24.51
1938-07-08		-24.15	1938-07-01		-24.21
1938-06-25		-24.06	1938-06-18		-23.71
1938-06-11		-23.73	1938-06-04		-23.70
1938-05-28		-23.80	1938-05-21		-23.79
1938-05-14		-23.81	1938-05-07		-23.84
1938-04-30		-23.92	1938-04-23		-23.94
1938-04-16		-24.00	1938-04-09		-24.04
1938-04-02		-24.13	1938-03-26		-24.23
1938-03-19		-24.28	1938-03-12		-24.40
1938-03-05		-24.89	1938-02-26		-26.59
1938-02-19		-26.67	1938-02-12		-28.05
1938-02-04		-28.37	1938-01-28		-29.07
1938-01-21		-29.20	1938-01-14		-28.78
1938-01-07		-29.34	1937-12-31		-29.31
1937-12-24		-29.24	1937-12-18		-29.62
1937-12-11		-29.69			

**N72
East
1/2 - 1 Mile
Higher**

FED USGS USGS2118594

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	404204073555401
Site name:	K 1031. 1	EDR Site id:	USGS2118594
Latitude:	404204	Dec lat:	40.70121389
Longitude:	0735554	Coor meth:	M
Dec lon:	-73.93124854	Latlong datum:	NAD27
Coor accr:	S	District:	36
Dec latlong datum:	NAD83	County:	047
State:	36	Land net:	Not Reported
Country:	US	Map scale:	Not Reported
Location map:	KF1216		
Altitude:	49.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Northern Long Island. New York. Area = 915 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

NW

1/2 - 1 Mile

OIL_GAS

NYOG7000000029

Api wellno:	31061236030000	Cnty:	New York
Hole:	23603	Sidetck:	0
Completion:	0		
Well nm:	MPP - 5		
Coname:	New York City Dept. of Environmental Protection		
Opno:	2127		
Dt approv:	01/28/2005	Dt spud:	03/28/2001
Dt comp:	01/18/2001	Well typ:	Stratigraphic
Dtd:	645		
WI status:	Plugged and Abandoned	Town:	Manhattan
Field:	Not Applicable	Prodform:	Not Applicable
Xloc:	-73.95824		
Yloc:	40.70885		
Confid:	Released		
Wellst:	Other Well Plugged		
Quad:	Jersey City	Quadsec:	C
Deepestfor:	None Specified	Elevation:	19
Dt mod:	04/26/2006	Site id:	NYOG7000000029

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

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

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 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 Services

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 Services (NRCS)

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Department of Environmental Conservation

Telephone: 518-402-8072

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

RADON

State Database: NY Radon

Source: Department of Health

Telephone: 518-402-7556

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX B
SOIL BORING LOGS

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in driveway, ~22 feet from sidewalk.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TAG1208	Address: 221 Middleton Street, Brooklyn, NY	Date	DTW
		Ground Elevation	
Drilling Company: LVS Drilling		Method: Macro core Geoprobe LT54	
Date Started: 1/18/2013		Date Completed: 1/18/2013	
Completion Depth: 12 feet		Field Technician S. Babyatsky	
		Groundwater depth ~6ft	Well Specifications Temporary 1" PVC well set to a depth of 10 feet.

B1 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION	
	0					
	to	24		0.0	7" - Concrete. 3" - Brown silty sand. Then 9" - Brick. 5" - Brown sand with fill material. <i>*Soil Sample retained B1(0-2).</i>	
	4					
	to	18		0.0	14" - Fill material of brick and concrete. 4" - Saturated brown sand.	
	8					
	to	26		0.0	6" - Saturated brown sand with brick. 20" - Grey clay. <i>*Soil Sample retained B1(8-10).</i>	
	12					
						<i>Installed MW1</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in loading dock at sidewalk grade.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TAG1208	Address: 221 Middleton Street, Brooklyn, NY	Date	DTW
		Groundwater depth	
Drilling Company: LVS Drilling	Method: Macro core Geoprobe LT54	~6ft	
Date Started: 1/18/2013	Date Completed: 1/18/2013	Well Specifications Temporary 1" PVC well set to a depth of 10 feet.	
Completion Depth: 12 feet	Field Technician S. Babyatsky		

B2 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION	
	0					
	to	18		0.0	3" - Concrete. 10" - Fine brown sand with fill material (brick, concrete, coal). Then 5" - Concrete. <i>*Soil Sample retained B2(0-2).</i>	
	4					
	to	30		0.0	5" - Brown sand with fill material. 5" - Brick. 6" - Saturated brown sand with fill material. 14" - Dark grey clay. No odor.	
	8					
	to	48		0.0	7" - Brown sand with fill material. 4" - Saturated brown silt. 37" - Grey clay, saturated in upper 13". <i>*Soil Sample retained B2(8-10).</i>	
	12					
						<i>Installed MW2</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed 84 ft from loading dock entrance and ~12 ft from eastern wall. B4 is ~2 ft above sidewalk grade.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TAG1208	Address: 221 Middleton Street, Brooklyn, NY	Date	DTW
		Ground Elevation	
Drilling Company: LVS Drilling		Groundwater depth	
Method: Macro core Geoprobe LT54		~9ft	
Date Started: 1/18/2013		Well Specifications	
Date Completed: 1/18/2013		Temporary 1" PVC well set to a depth of 20 feet.	
Completion Depth: 16 feet			
Field Technician S. Babyatsky			

B3 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				2" - Concrete.
	to	16		0.0	4" - Tan sand with gravel. 10" - Fine brown sand with fill (plastic, glass, coal). <i>*Soil Sample retained B3(0-2).</i>
	4				12" - Fine brown sand with concrete and gravel.
	to	20		0.0	8" - Fine dark brown sand with fill material of brick and concrete.
	8				10" - Fine brown sand with concrete.
	to	31		0.0	14" - Dark grey clay, damp at upper limit. 7" - Grey clay. <i>*Soil Sample retained B3(8-10).</i>
	12				10" - Brown sand with fill material.
	to	46		0.0	8" - Dark grey clay. No odor. 28" - Grey clay.
	16				
					<i>Installed MW3</i>

Geologic Boring Log Details



ENVIRONMENTAL BUSINESS CONSULTANTS

B4 Boring Log

Location: Performed 48 ft from loading dock entrance and ~10 ft from eastern wall. B4 is ~2 ft above sidewalk grade.		Depth to Water (ft. from grade.)	Site Elevation Datum
Site Name: TAG1208	Address: 221 Middleton Street, Brooklyn, NY	Date	DTW
		Ground Elevation	
		Groundwater depth	
Drilling Company: LVS Drilling		Method: Macro core Geoprobe LT54	
		NA	
Date Started: 1/18/2013		Date Completed: 1/18/2013	
Completion Depth: 16 feet		Field Technician S. Babyatsky	
		Well Specifications	

B4 (NTS)	(ft below grade)	Recovery (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				6" - Concrete.
	to	31		0.0	8" - Brown sand with fill material (brick, coal, concrete). 17" - Fine brown sand with fill material. <i>*Soil Sample retained B4(0-2).</i>
	4				5" - Concrete in sandy matrix.
	to	29		0.0	6" - Fine brown sand with fill (coal, etc). 10" - Silty brown sand with fill (coal, etc). 8" - Saturated fine brown sand with gravel.
	8				6" - Dry fine brown sand with gravel, concrete.
	to	34		0.0	6" - Saturated fine dark brown sand with some silt. 22" - Dark grey clay moving to light gray in lower 8". <i>*Soil Sample retained B4(8-10).</i>
	12				46" - Grey clay with no gravel.
	to	46		0.0	
	16				

APPENDIX C
GROUNDWATER SAMPLING LOGS

APPENDIX D
SOIL GAS SAMPLING LOGS



CHAIN OF CUSTODY RECORD AIR ANALYSES

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-1102

Data Delivery: Fax # _____ Email: CS@phoenixlabs.com

Pg. 1 of 1

Report to: EBC
 Address: 1808 Middle Country Rd. Ridge, NY
 Project Mgr: Kevin Bussee
 Phone #: 631 504 6000

Invoice to: EBC
 Address: 221 Middletown Ave
 P.O. # _____
 Quote # _____

Project Name: _____
 Location: 221 Middletown Ave
 State: NY
 Sampled by: KW

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	LAB USE ONLY			Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End (" Hg)
				Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure (" Hg)	Flow Regulator ID #						
24333	SG1*	12854	6	0	2864	2864	1455	1535	1-25-13	-27	-2	
24334	SG2	0228	1	-3	5043	5043	1300	1500	1	-30	-8	
24335	SG3	365	1	-5	5030	5038	1310	1510		-30	-8	

Relinquished by: [Signature] Date: 1-28-13 Time: 10:34
 Accepted by: [Signature] Date: 1-28-13 Time: 10:49

Criteria Requested: _____
 Deliverable: RCP Excel Equis Other:
 State where samples collected: NY
 State where samples collected: GISKey

SPECIAL INSTRUCTIONS, OC REQUIREMENTS, REGULATORY INFORMATION:
 * RAN for 1 hr, can @ -2 inHg pressure.
 * recvd regulator # 5038 @

Signature: _____ Date: _____

Soil Gas	Grab (G) Composite (C)	ANALYSES	
		TO-14	TO-15
			X
			1

Is Canister Returned Unused? Y/N

APPENDIX E
LABORATORY REPORTS IN DIGITAL
FORMAT



Thursday, February 07, 2013

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 221 MIDDLETON ST
Sample ID#s: BD26873 - BD26875, BD27009

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 07, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/01/13 0:00
 02/04/13 15:58

Laboratory Data

SDG ID: GBD26873
 Phoenix ID: BD26873

Project ID: 221 MIDDLETON ST
 Client ID: MW1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.002	0.002	mg/L	02/04/13	EK	SW6010
Aluminum	17.8	0.010	mg/L	02/04/13	EK	SW6010
Arsenic	0.029	0.004	mg/L	02/04/13	EK	SW6010
Barium	6.07	0.002	mg/L	02/04/13	EK	SW6010
Beryllium	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Calcium	124	0.010	mg/L	02/04/13	EK	SW6010
Cadmium	0.003	0.001	mg/L	02/04/13	LK	SW6010
Cobalt	0.011	0.002	mg/L	02/04/13	EK	SW6010
Chromium	0.053	0.001	mg/L	02/04/13	EK	SW6010
Copper	0.119	0.005	mg/L	02/04/13	EK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Aluminum (Dissolved)	0.49	0.01	mg/L	02/04/13	EK	SW6010
Arsenic (Dissolved)	0.006	0.004	mg/L	02/04/13	EK	SW6010
Barium (Dissolved)	0.105	0.002	mg/L	02/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Calcium (Dissolved)	70.0	0.01	mg/L	02/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Cobalt (Dissolved)	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Chromium (Dissolved)	0.018	0.001	mg/L	02/04/13	EK	SW6010
Copper (Dissolved)	0.005	0.005	mg/L	02/04/13	EK	SW6010
Iron (Dissolved)	0.247	0.011	mg/L	02/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	02/06/13	RS	SW7470
Potassium (Dissolved)	10.0	0.1	mg/L	02/04/13	EK	SW6010
Magnesium (Dissolved)	3.88	0.01	mg/L	02/04/13	EK	SW6010
Manganese (Dissolved)	0.147	0.001	mg/L	02/04/13	EK	SW6010
Sodium (Dissolved)	12.5	0.11	mg/L	02/04/13	EK	SW6010
Nickel (Dissolved)	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Lead (Dissolved)	0.142	0.002	mg/L	02/04/13	EK	SW6010

Client ID: MW1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Antimony (Dissolved)	< 0.005	0.005	mg/L	02/04/13	EK	SW6010
Selenium (Dissolved)	< 0.011	0.011	mg/L	02/04/13	EK	SW6010
Thallium (Dissolved)	< 0.002	0.002	mg/L	02/05/13	RS	SW7010
Vanadium (Dissolved)	< 0.002	0.002	mg/L	02/04/13	EK	SW6010
Zinc (Dissolved)	0.012	0.002	mg/L	02/04/13	EK	SW6010
Iron	26.2	0.010	mg/L	02/04/13	EK	SW6010
Mercury	0.0047	0.0002	mg/L	02/06/13	RS	SW7470
Potassium	9.9	0.1	mg/L	02/04/13	EK	SW6010
Magnesium	7.98	0.01	mg/L	02/04/13	EK	SW6010
Manganese	0.659	0.001	mg/L	02/04/13	EK	SW6010
Sodium	11.3	0.1	mg/L	02/04/13	EK	SW6010
Nickel	0.029	0.001	mg/L	02/04/13	EK	SW6010
Lead	10.7	0.020	mg/L	02/06/13	LK	SW6010
Antimony	< 0.015	0.015	mg/L	02/04/13	LK	SW6010
Selenium	< 0.010	0.010	mg/L	02/04/13	EK	SW6010
Thallium	< 0.002	0.002	mg/L	02/05/13	RS	SW7010
Vanadium	0.049	0.002	mg/L	02/04/13	EK	SW6010
Zinc	1.12	0.002	mg/L	02/04/13	EK	SW6010
Filtration	Completed			02/04/13	AG	0.45um Filter
Dissolved Mercury Digestion	Completed			02/05/13	X/X	SW7470
Mercury Digestion	Completed			02/05/13	X/X	SW7470
PCB Extraction	Completed			02/04/13	LT	SW3510C
Extraction for Pest (2 Liter)	Completed			02/04/13	LT	SW3510
Semi-Volatile Extraction	Completed			02/04/13	I/D	SW3520
Dissolved Metals Preparation	Completed			02/04/13	AG	SW846-3005
Total Metals Digestion	Completed			02/04/13	AG	

Polychlorinated Biphenyls

PCB-1016	ND	0.26	ug/L	02/05/13	AW	8082
PCB-1221	ND	0.26	ug/L	02/05/13	AW	8082
PCB-1232	ND	0.26	ug/L	02/05/13	AW	8082
PCB-1242	ND	0.26	ug/L	02/05/13	AW	8082
PCB-1248	ND	0.26	ug/L	02/05/13	AW	8082
PCB-1254	ND	0.26	ug/L	02/05/13	AW	8082
PCB-1260	ND	0.26	ug/L	02/05/13	AW	8082
PCB-1262	ND	0.26	ug/L	02/05/13	AW	8082
PCB-1268	ND	0.26	ug/L	02/05/13	AW	8082

QA/QC Surrogates

% DCBP	101		%	02/05/13	AW	30 - 150 %
% TCMX	84		%	02/05/13	AW	30 - 150 %

Pesticides

4,4' -DDD	ND	0.13	ug/L	02/06/13	MH	SW8081
4,4' -DDE	ND	0.13	ug/L	02/06/13	MH	SW8081
4,4' -DDT	ND	0.13	ug/L	02/06/13	MH	SW8081
a-BHC	ND	0.066	ug/L	02/06/13	MH	SW8081
Alachlor	ND	0.20	ug/L	02/06/13	MH	SW8081
Aldrin	ND	0.005	ug/L	02/06/13	MH	SW8081
b-BHC	ND	0.066	ug/L	02/06/13	MH	SW8081
Chlordane	ND	0.79	ug/L	02/06/13	MH	SW8081

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
d-BHC	ND	0.066	ug/L	02/06/13	MH	SW8081
Dieldrin	ND	0.026	ug/L	02/06/13	MH	SW8081
Endosulfan I	ND	0.13	ug/L	02/06/13	MH	SW8081
Endosulfan II	ND	0.13	ug/L	02/06/13	MH	SW8081
Endosulfan Sulfate	ND	0.13	ug/L	02/06/13	MH	SW8081
Endrin	ND	0.13	ug/L	02/06/13	MH	SW8081
Endrin Aldehyde	ND	0.13	ug/L	02/06/13	MH	SW8081
Endrin ketone	ND	0.13	ug/L	02/06/13	MH	SW8081
g-BHC (Lindane)	ND	0.066	ug/L	02/06/13	MH	SW8081
Heptachlor	ND	0.066	ug/L	02/06/13	MH	SW8081
Heptachlor epoxide	ND	0.066	ug/L	02/06/13	MH	SW8081
Methoxychlor	ND	0.26	ug/L	02/06/13	MH	SW8081
Toxaphene	ND	2.6	ug/L	02/06/13	MH	SW8081

QA/QC Surrogates

%DCBP (Surrogate Rec)	92		%	02/06/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	84		%	02/06/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	02/05/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	02/05/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	02/05/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	02/05/13	H/T	SW8260
Acetone	ND	25	ug/L	02/05/13	H/T	SW8260
Acrylonitrile	ND	5.0	ug/L	02/05/13	H/T	SW8260
Benzene	ND	0.70	ug/L	02/05/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	02/05/13	H/T	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Bromoform	ND	1.0	ug/L	02/05/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	02/05/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	02/05/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	02/05/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	02/05/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	02/05/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	02/05/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	02/05/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	02/05/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	02/05/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	02/05/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	02/05/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Styrene	ND	1.0	ug/L	02/05/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	02/05/13	H/T	SW8260
Toluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	02/05/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	02/05/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	02/05/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	02/05/13	H/T	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	101		%	02/05/13	H/T	70 - 130 %
% Bromofluorobenzene	94		%	02/05/13	H/T	70 - 130 %
% Dibromofluoromethane	98		%	02/05/13	H/T	70 - 130 %
% Toluene-d8	99		%	02/05/13	H/T	70 - 130 %
<u>Semivolatiles</u>						
1,2,4-Trichlorobenzene	ND	5.9	ug/L	02/06/13	DD	SW8270
1,2-Dichlorobenzene	ND	5.9	ug/L	02/06/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.9	ug/L	02/06/13	DD	SW8270
1,3-Dichlorobenzene	ND	5.9	ug/L	02/06/13	DD	SW8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	5.9	ug/L	02/06/13	DD	SW8270
2,4,5-Trichlorophenol	ND	12	ug/L	02/06/13	DD	SW8270
2,4,6-Trichlorophenol	ND	12	ug/L	02/06/13	DD	SW8270
2,4-Dichlorophenol	ND	12	ug/L	02/06/13	DD	SW8270
2,4-Dimethylphenol	ND	12	ug/L	02/06/13	DD	SW8270
2,4-Dinitrophenol	ND	59	ug/L	02/06/13	DD	SW8270
2,4-Dinitrotoluene	ND	5.9	ug/L	02/06/13	DD	SW8270
2,6-Dinitrotoluene	ND	5.9	ug/L	02/06/13	DD	SW8270
2-Chloronaphthalene	ND	5.9	ug/L	02/06/13	DD	SW8270
2-Chlorophenol	ND	12	ug/L	02/06/13	DD	SW8270
2-Methylnaphthalene	ND	5.9	ug/L	02/06/13	DD	SW8270
2-Methylphenol (o-cresol)	ND	12	ug/L	02/06/13	DD	SW8270
2-Nitroaniline	ND	59	ug/L	02/06/13	DD	SW8270
2-Nitrophenol	ND	12	ug/L	02/06/13	DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	12	ug/L	02/06/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	59	ug/L	02/06/13	DD	SW8270
3-Nitroaniline	ND	59	ug/L	02/06/13	DD	SW8270
4,6-Dinitro-2-methylphenol	ND	59	ug/L	02/06/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	5.9	ug/L	02/06/13	DD	SW8270
4-Chloro-3-methylphenol	ND	24	ug/L	02/06/13	DD	SW8270
4-Chloroaniline	ND	24	ug/L	02/06/13	DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.9	ug/L	02/06/13	DD	SW8270
4-Nitroaniline	ND	24	ug/L	02/06/13	DD	SW8270
4-Nitrophenol	ND	59	ug/L	02/06/13	DD	SW8270
Acetophenone	ND	5.9	ug/L	02/06/13	DD	SW8270
Aniline	ND	12	ug/L	02/06/13	DD	SW8270
Anthracene	ND	5.9	ug/L	02/06/13	DD	SW8270
Benzidine	ND	59	ug/L	02/06/13	DD	SW8270
Benzoic acid	ND	59	ug/L	02/06/13	DD	SW8270
Benzyl butyl phthalate	ND	5.9	ug/L	02/06/13	DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.9	ug/L	02/06/13	DD	SW8270
Bis(2-chloroethyl)ether	ND	5.9	ug/L	02/06/13	DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.9	ug/L	02/06/13	DD	SW8270
Carbazole	ND	5.9	ug/L	02/06/13	DD	SW8270
Dibenzofuran	ND	5.9	ug/L	02/06/13	DD	SW8270
Diethyl phthalate	ND	5.9	ug/L	02/06/13	DD	SW8270
Dimethylphthalate	ND	5.9	ug/L	02/06/13	DD	SW8270
Di-n-butylphthalate	ND	5.9	ug/L	02/06/13	DD	SW8270
Di-n-octylphthalate	ND	5.9	ug/L	02/06/13	DD	SW8270
Fluoranthene	8.9	5.9	ug/L	02/06/13	DD	SW8270
Fluorene	ND	5.9	ug/L	02/06/13	DD	SW8270
Hexachlorobutadiene	ND	5.9	ug/L	02/06/13	DD	SW8270
Hexachlorocyclopentadiene	ND	5.9	ug/L	02/06/13	DD	SW8270
Isophorone	ND	5.9	ug/L	02/06/13	DD	SW8270
Naphthalene	ND	5.9	ug/L	02/06/13	DD	SW8270
Nitrobenzene	ND	5.9	ug/L	02/06/13	DD	SW8270
N-Nitrosodimethylamine	ND	5.9	ug/L	02/06/13	DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.9	ug/L	02/06/13	DD	SW8270
N-Nitrosodiphenylamine	ND	5.9	ug/L	02/06/13	DD	SW8270
Phenol	ND	12	ug/L	02/06/13	DD	SW8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	7.3	5.9	ug/L	02/06/13	DD	SW8270
<u>QA/QC Surrogates</u>						
% 2,4,6-Tribromophenol	148		%	02/06/13	DD	15 - 130 % ³
% 2-Fluorobiphenyl	84		%	02/06/13	DD	30 - 130 %
% 2-Fluorophenol	62		%	02/06/13	DD	15 - 130 %
% Nitrobenzene-d5	74		%	02/06/13	DD	30 - 130 %
% Phenol-d5	64		%	02/06/13	DD	15 - 130 %
% Terphenyl-d14	34		%	02/06/13	DD	30 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	1.9	ug/L	02/06/13	DD	SW8270 (SIM)
Acenaphthene	0.44	0.059	ug/L	02/06/13	DD	SW8270 (SIM)
Acenaphthylene	0.32	0.059	ug/L	02/06/13	DD	SW8270 (SIM)
Benz(a)anthracene	4.6	0.047	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(a)pyrene	4.3	0.059	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	5.9	0.059	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.5	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	1.8	0.059	ug/L	02/06/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.9	ug/L	02/06/13	DD	SW8270 (SIM)
Chrysene	4.6	0.059	ug/L	02/06/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.75	0.012	ug/L	02/06/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.071	ug/L	02/06/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.8	ug/L	02/06/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	2.5	0.059	ug/L	02/06/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.12	ug/L	02/06/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.94	ug/L	02/06/13	DD	SW8270 (SIM)
Phenanthrene	5	0.059	ug/L	02/06/13	DD	SW8270 (SIM)
Pyridine	ND	0.59	ug/L	02/06/13	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>						
% 2,4,6-Tribromophenol	148		%	02/06/13	DD	15 - 130 % ³
% 2-Fluorobiphenyl	84		%	02/06/13	DD	30 - 130 %
% 2-Fluorophenol	62		%	02/06/13	DD	15 - 130 %
% Nitrobenzene-d5	74		%	02/06/13	DD	30 - 130 %
% Phenol-d5	64		%	02/06/13	DD	15 - 130 %
% Terphenyl-d14	34		%	02/06/13	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

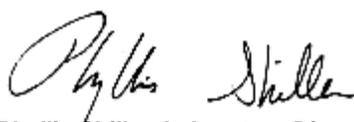
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level

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.

* One of the surrogates was above the method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 07, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 07, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date: 02/01/13
 02/04/13
 Time: 0:00
 15:58

Laboratory Data

SDG ID: GBD26873
 Phoenix ID: BD26874

Project ID: 221 MIDDLETON ST
 Client ID: MW2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Semi-Volatile Extraction	Completed			02/04/13	I/D	SW3520

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	02/05/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	02/05/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	02/05/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	02/05/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	02/05/13	H/T	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acetone	ND	25	ug/L	02/05/13	H/T	SW8260
Acrylonitrile	ND	5.0	ug/L	02/05/13	H/T	SW8260
Benzene	ND	0.70	ug/L	02/05/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	02/05/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	02/05/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	02/05/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	02/05/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	02/05/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	02/05/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	02/05/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	02/05/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	02/05/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	02/05/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	02/05/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	02/05/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	02/05/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Styrene	ND	1.0	ug/L	02/05/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	02/05/13	H/T	SW8260
Toluene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	02/05/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	02/05/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	02/05/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	02/05/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	02/05/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	02/05/13	H/T	SW8260
QA/QC Surrogates						
% 1,2-dichlorobenzene-d4	100		%	02/05/13	H/T	70 - 130 %
% Bromofluorobenzene	96		%	02/05/13	H/T	70 - 130 %
% Dibromofluoromethane	99		%	02/05/13	H/T	70 - 130 %
% Toluene-d8	101		%	02/05/13	H/T	70 - 130 %

Client ID: MW2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Semivolatiles						
1,2,4-Trichlorobenzene	ND	6.3	ug/L	02/06/13	DD	SW8270
1,2-Dichlorobenzene	ND	6.3	ug/L	02/06/13	DD	SW8270
1,2-Diphenylhydrazine	ND	6.3	ug/L	02/06/13	DD	SW8270
1,3-Dichlorobenzene	ND	6.3	ug/L	02/06/13	DD	SW8270
1,4-Dichlorobenzene	ND	6.3	ug/L	02/06/13	DD	SW8270
2,4,5-Trichlorophenol	ND	13	ug/L	02/06/13	DD	SW8270
2,4,6-Trichlorophenol	ND	13	ug/L	02/06/13	DD	SW8270
2,4-Dichlorophenol	ND	13	ug/L	02/06/13	DD	SW8270
2,4-Dimethylphenol	ND	13	ug/L	02/06/13	DD	SW8270
2,4-Dinitrophenol	ND	63	ug/L	02/06/13	DD	SW8270
2,4-Dinitrotoluene	ND	6.3	ug/L	02/06/13	DD	SW8270
2,6-Dinitrotoluene	ND	6.3	ug/L	02/06/13	DD	SW8270
2-Chloronaphthalene	ND	6.3	ug/L	02/06/13	DD	SW8270
2-Chlorophenol	ND	13	ug/L	02/06/13	DD	SW8270
2-Methylnaphthalene	ND	6.3	ug/L	02/06/13	DD	SW8270
2-Methylphenol (o-cresol)	ND	13	ug/L	02/06/13	DD	SW8270
2-Nitroaniline	ND	63	ug/L	02/06/13	DD	SW8270
2-Nitrophenol	ND	13	ug/L	02/06/13	DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	13	ug/L	02/06/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	63	ug/L	02/06/13	DD	SW8270
3-Nitroaniline	ND	63	ug/L	02/06/13	DD	SW8270
4,6-Dinitro-2-methylphenol	ND	63	ug/L	02/06/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	6.3	ug/L	02/06/13	DD	SW8270
4-Chloro-3-methylphenol	ND	25	ug/L	02/06/13	DD	SW8270
4-Chloroaniline	ND	25	ug/L	02/06/13	DD	SW8270
4-Chlorophenyl phenyl ether	ND	6.3	ug/L	02/06/13	DD	SW8270
4-Nitroaniline	ND	25	ug/L	02/06/13	DD	SW8270
4-Nitrophenol	ND	63	ug/L	02/06/13	DD	SW8270
Acetophenone	ND	6.3	ug/L	02/06/13	DD	SW8270
Aniline	ND	13	ug/L	02/06/13	DD	SW8270
Anthracene	ND	6.3	ug/L	02/06/13	DD	SW8270
Benzidine	ND	63	ug/L	02/06/13	DD	SW8270
Benzoic acid	ND	63	ug/L	02/06/13	DD	SW8270
Benzyl butyl phthalate	ND	6.3	ug/L	02/06/13	DD	SW8270
Bis(2-chloroethoxy)methane	ND	6.3	ug/L	02/06/13	DD	SW8270
Bis(2-chloroethyl)ether	ND	6.3	ug/L	02/06/13	DD	SW8270
Bis(2-chloroisopropyl)ether	ND	6.3	ug/L	02/06/13	DD	SW8270
Carbazole	ND	6.3	ug/L	02/06/13	DD	SW8270
Dibenzofuran	ND	6.3	ug/L	02/06/13	DD	SW8270
Diethyl phthalate	ND	6.3	ug/L	02/06/13	DD	SW8270
Dimethylphthalate	ND	6.3	ug/L	02/06/13	DD	SW8270
Di-n-butylphthalate	ND	6.3	ug/L	02/06/13	DD	SW8270
Di-n-octylphthalate	ND	6.3	ug/L	02/06/13	DD	SW8270
Fluoranthene	ND	6.3	ug/L	02/06/13	DD	SW8270
Fluorene	ND	6.3	ug/L	02/06/13	DD	SW8270
Hexachlorobutadiene	ND	6.3	ug/L	02/06/13	DD	SW8270
Hexachlorocyclopentadiene	ND	6.3	ug/L	02/06/13	DD	SW8270
Isophorone	ND	6.3	ug/L	02/06/13	DD	SW8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Naphthalene	ND	6.3	ug/L	02/06/13	DD	SW8270
Nitrobenzene	ND	6.3	ug/L	02/06/13	DD	SW8270
N-Nitrosodimethylamine	ND	6.3	ug/L	02/06/13	DD	SW8270
N-Nitrosodi-n-propylamine	ND	6.3	ug/L	02/06/13	DD	SW8270
N-Nitrosodiphenylamine	ND	6.3	ug/L	02/06/13	DD	SW8270
Phenol	ND	13	ug/L	02/06/13	DD	SW8270
Pyrene	ND	6.3	ug/L	02/06/13	DD	SW8270
<u>QA/QC Surrogates</u>						
% 2,4,6-Tribromophenol	146		%	02/06/13	DD	15 - 130 % 3
% 2-Fluorobiphenyl	80		%	02/06/13	DD	30 - 130 %
% 2-Fluorophenol	64		%	02/06/13	DD	15 - 130 %
% Nitrobenzene-d5	70		%	02/06/13	DD	30 - 130 %
% Phenol-d5	62		%	02/06/13	DD	15 - 130 %
% Terphenyl-d14	24		%	02/06/13	DD	30 - 130 % 3
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	2.0	ug/L	02/06/13	DD	SW8270 (SIM)
Acenaphthene	0.1	0.063	ug/L	02/06/13	DD	SW8270 (SIM)
Acenaphthylene	0.16	0.063	ug/L	02/06/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.45	0.050	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(a)pyrene	0.29	0.063	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	2.4	0.063	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.8	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.68	0.063	ug/L	02/06/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	2.0	ug/L	02/06/13	DD	SW8270 (SIM)
Chrysene	1.2	0.063	ug/L	02/06/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.28	0.013	ug/L	02/06/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.075	ug/L	02/06/13	DD	SW8270 (SIM)
Hexachloroethane	ND	3.0	ug/L	02/06/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.86	0.063	ug/L	02/06/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.13	ug/L	02/06/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	1.0	ug/L	02/06/13	DD	SW8270 (SIM)
Phenanthrene	0.35	0.063	ug/L	02/06/13	DD	SW8270 (SIM)
Pyridine	ND	0.63	ug/L	02/06/13	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>						
% 2,4,6-Tribromophenol	146		%	02/06/13	DD	15 - 130 % 3
% 2-Fluorobiphenyl	80		%	02/06/13	DD	30 - 130 %
% 2-Fluorophenol	64		%	02/06/13	DD	15 - 130 %
% Nitrobenzene-d5	70		%	02/06/13	DD	30 - 130 %
% Phenol-d5	62		%	02/06/13	DD	15 - 130 %
% Terphenyl-d14	24		%	02/06/13	DD	30 - 130 % 3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

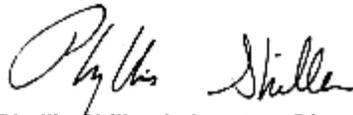
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level

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.

* One of the surrogates was above the method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 07, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 07, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/01/13 0:00
 02/04/13 15:58

Laboratory Data

SDG ID: GBD26873
 Phoenix ID: BD26875

Project ID: 221 MIDDLETON ST
 Client ID: MW3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.002	0.002	mg/L	02/05/13	EK	SW6010
Aluminum	0.983	0.010	mg/L	02/05/13	EK	SW6010
Arsenic	0.010	0.004	mg/L	02/05/13	LK	SW6010
Barium	0.050	0.002	mg/L	02/05/13	EK	SW6010
Beryllium	< 0.001	0.001	mg/L	02/05/13	EK	SW6010
Calcium	107	0.010	mg/L	02/05/13	EK	SW6010
Cadmium	< 0.001	0.001	mg/L	02/05/13	EK	SW6010
Cobalt	0.003	0.002	mg/L	02/05/13	EK	SW6010
Chromium	0.002	0.001	mg/L	02/05/13	EK	SW6010
Copper	< 0.005	0.005	mg/L	02/05/13	EK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Aluminum (Dissolved)	0.56	0.01	mg/L	02/04/13	EK	SW6010
Arsenic (Dissolved)	0.013	0.004	mg/L	02/04/13	LK	SW6010
Barium (Dissolved)	0.048	0.002	mg/L	02/04/13	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Calcium (Dissolved)	111	0.01	mg/L	02/04/13	EK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Cobalt (Dissolved)	0.003	0.001	mg/L	02/04/13	EK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	02/04/13	EK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	02/04/13	EK	SW6010
Iron (Dissolved)	0.419	0.011	mg/L	02/04/13	EK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	02/05/13	RS	SW7470
Potassium (Dissolved)	5.0	0.1	mg/L	02/04/13	EK	SW6010
Magnesium (Dissolved)	66.7	0.01	mg/L	02/04/13	EK	SW6010
Manganese (Dissolved)	3.12	0.011	mg/L	02/06/13	LK	SW6010
Sodium (Dissolved)	44.6	0.11	mg/L	02/04/13	EK	SW6010
Nickel (Dissolved)	0.005	0.001	mg/L	02/04/13	EK	SW6010
Lead (Dissolved)	0.005	0.002	mg/L	02/04/13	EK	SW6010

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Antimony (Dissolved)	< 0.005	0.005	mg/L	02/04/13	EK	SW6010
Selenium (Dissolved)	< 0.011	0.011	mg/L	02/04/13	EK	SW6010
Thallium (Dissolved)	< 0.002	0.002	mg/L	02/05/13	RS	SW7010
Vanadium (Dissolved)	< 0.002	0.002	mg/L	02/04/13	LK	SW6010
Zinc (Dissolved)	0.013	0.002	mg/L	02/04/13	EK	SW6010
Iron	1.17	0.010	mg/L	02/05/13	EK	SW6010
Mercury	< 0.0002	0.0002	mg/L	02/05/13	RS	SW7470
Potassium	4.3	0.1	mg/L	02/05/13	EK	SW6010
Magnesium	64.9	0.01	mg/L	02/05/13	EK	SW6010
Manganese	3.18	0.010	mg/L	02/06/13	LK	SW6010
Sodium	43.6	0.1	mg/L	02/05/13	EK	SW6010
Nickel	0.006	0.001	mg/L	02/05/13	EK	SW6010
Lead	0.009	0.002	mg/L	02/05/13	EK	SW6010
Antimony	< 0.015	0.015	mg/L	02/05/13	EK	SW6010
Selenium	< 0.010	0.010	mg/L	02/05/13	EK	SW6010
Thallium	< 0.002	0.002	mg/L	02/05/13	RS	SW7010
Vanadium	< 0.002	0.002	mg/L	02/05/13	EK	SW6010
Zinc	0.019	0.002	mg/L	02/05/13	EK	SW6010
Filtration	Completed			02/04/13	AG	0.45um Filter
Dissolved Mercury Digestion	Completed			02/05/13	X/X	SW7470
Mercury Digestion	Completed			02/05/13	X/X	SW7470
PCB Extraction	Completed			02/04/13	LT	SW3510C
Extraction for Pest (2 Liter)	Completed			02/04/13	LT	SW3510
Semi-Volatile Extraction	Completed			02/04/13	I/D	SW3520
Dissolved Metals Preparation	Completed			02/04/13	AG	SW846-3005
Total Metals Digestion	Completed			02/04/13	AG	

Polychlorinated Biphenyls

PCB-1016	ND	0.15	ug/L	02/05/13	AW	8082
PCB-1221	ND	0.15	ug/L	02/05/13	AW	8082
PCB-1232	ND	0.15	ug/L	02/05/13	AW	8082
PCB-1242	ND	0.15	ug/L	02/05/13	AW	8082
PCB-1248	ND	0.15	ug/L	02/05/13	AW	8082
PCB-1254	ND	0.15	ug/L	02/05/13	AW	8082
PCB-1260	ND	0.15	ug/L	02/05/13	AW	8082
PCB-1262	ND	0.15	ug/L	02/05/13	AW	8082
PCB-1268	ND	0.15	ug/L	02/05/13	AW	8082

QA/QC Surrogates

% DCBP	115		%	02/05/13	AW	30 - 150 %
% TCMX	90		%	02/05/13	AW	30 - 150 %

Pesticides

4,4' -DDD	ND*	0.76	ug/L	02/06/13	MH	SW8081
4,4' -DDE	ND*	0.76	ug/L	02/06/13	MH	SW8081
4,4' -DDT	ND*	0.76	ug/L	02/06/13	MH	SW8081
α-BHC	ND*	0.38	ug/L	02/06/13	MH	SW8081
Alachlor	ND*	1.1	ug/L	02/06/13	MH	SW8081
Aldrin	ND*	0.023	ug/L	02/06/13	MH	SW8081
β-BHC	ND*	0.38	ug/L	02/06/13	MH	SW8081
Chlordane	ND*	4.5	ug/L	02/06/13	MH	SW8081

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
d-BHC	ND*	0.38	ug/L	02/06/13	MH	SW8081
Dieldrin	ND*	0.15	ug/L	02/06/13	MH	SW8081
Endosulfan I	ND*	0.76	ug/L	02/06/13	MH	SW8081
Endosulfan II	ND*	0.76	ug/L	02/06/13	MH	SW8081
Endosulfan Sulfate	ND*	0.76	ug/L	02/06/13	MH	SW8081
Endrin	ND*	0.76	ug/L	02/06/13	MH	SW8081
Endrin Aldehyde	ND*	0.76	ug/L	02/06/13	MH	SW8081
Endrin ketone	ND*	0.76	ug/L	02/06/13	MH	SW8081
g-BHC (Lindane)	ND*	0.38	ug/L	02/06/13	MH	SW8081
Heptachlor	ND*	0.38	ug/L	02/06/13	MH	SW8081
Heptachlor epoxide	ND*	0.38	ug/L	02/06/13	MH	SW8081
Methoxychlor	ND*	1.5	ug/L	02/06/13	MH	SW8081
Toxaphene	ND*	15	ug/L	02/06/13	MH	SW8081

QA/QC Surrogates

%DCBP (Surrogate Rec)	Diluted Out		%	02/06/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	Diluted Out		%	02/06/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	02/06/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	02/06/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	02/06/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	02/06/13	H/T	SW8260
Acetone	ND	25	ug/L	02/06/13	H/T	SW8260
Acrylonitrile	ND	5.0	ug/L	02/06/13	H/T	SW8260
Benzene	ND	0.70	ug/L	02/06/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	02/06/13	H/T	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Bromoform	ND	1.0	ug/L	02/06/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	02/06/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	02/06/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	02/06/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	02/06/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	02/06/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	02/06/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	02/06/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	1.0	1.0	ug/L	02/06/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	02/06/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	02/06/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	02/06/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Styrene	ND	1.0	ug/L	02/06/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	02/06/13	H/T	SW8260
Toluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	02/06/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	02/06/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	02/06/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	02/06/13	H/T	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	102		%	02/06/13	H/T	70 - 130 %
% Bromofluorobenzene	96		%	02/06/13	H/T	70 - 130 %
% Dibromofluoromethane	102		%	02/06/13	H/T	70 - 130 %
% Toluene-d8	100		%	02/06/13	H/T	70 - 130 %
<u>Semivolatiles</u>						
1,2,4-Trichlorobenzene	ND	5.0	ug/L	02/06/13	DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	02/06/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.0	ug/L	02/06/13	DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	02/06/13	DD	SW8270

Client ID: MW3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	5.0	ug/L	02/06/13	DD	SW8270
2,4,5-Trichlorophenol	ND	10	ug/L	02/06/13	DD	SW8270
2,4,6-Trichlorophenol	ND	10	ug/L	02/06/13	DD	SW8270
2,4-Dichlorophenol	ND	10	ug/L	02/06/13	DD	SW8270
2,4-Dimethylphenol	ND	10	ug/L	02/06/13	DD	SW8270
2,4-Dinitrophenol	ND	50	ug/L	02/06/13	DD	SW8270
2,4-Dinitrotoluene	ND	5.0	ug/L	02/06/13	DD	SW8270
2,6-Dinitrotoluene	ND	5.0	ug/L	02/06/13	DD	SW8270
2-Chloronaphthalene	ND	5.0	ug/L	02/06/13	DD	SW8270
2-Chlorophenol	ND	10	ug/L	02/06/13	DD	SW8270
2-Methylnaphthalene	ND	5.0	ug/L	02/06/13	DD	SW8270
2-Methylphenol (o-cresol)	ND	10	ug/L	02/06/13	DD	SW8270
2-Nitroaniline	ND	50	ug/L	02/06/13	DD	SW8270
2-Nitrophenol	ND	10	ug/L	02/06/13	DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	02/06/13	DD	SW8270
3,3'-Dichlorobenzidine	ND	50	ug/L	02/06/13	DD	SW8270
3-Nitroaniline	ND	50	ug/L	02/06/13	DD	SW8270
4,6-Dinitro-2-methylphenol	ND	50	ug/L	02/06/13	DD	SW8270
4-Bromophenyl phenyl ether	ND	5.0	ug/L	02/06/13	DD	SW8270
4-Chloro-3-methylphenol	ND	20	ug/L	02/06/13	DD	SW8270
4-Chloroaniline	ND	20	ug/L	02/06/13	DD	SW8270
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	02/06/13	DD	SW8270
4-Nitroaniline	ND	20	ug/L	02/06/13	DD	SW8270
4-Nitrophenol	ND	50	ug/L	02/06/13	DD	SW8270
Acetophenone	ND	5.0	ug/L	02/06/13	DD	SW8270
Aniline	ND	10	ug/L	02/06/13	DD	SW8270
Anthracene	ND	5.0	ug/L	02/06/13	DD	SW8270
Benzidine	ND	50	ug/L	02/06/13	DD	SW8270
Benzoic acid	ND	50	ug/L	02/06/13	DD	SW8270
Benzyl butyl phthalate	ND	5.0	ug/L	02/06/13	DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	02/06/13	DD	SW8270
Bis(2-chloroethyl)ether	ND	5.0	ug/L	02/06/13	DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	02/06/13	DD	SW8270
Carbazole	ND	5.0	ug/L	02/06/13	DD	SW8270
Dibenzofuran	ND	5.0	ug/L	02/06/13	DD	SW8270
Diethyl phthalate	ND	5.0	ug/L	02/06/13	DD	SW8270
Dimethylphthalate	ND	5.0	ug/L	02/06/13	DD	SW8270
Di-n-butylphthalate	ND	5.0	ug/L	02/06/13	DD	SW8270
Di-n-octylphthalate	ND	5.0	ug/L	02/06/13	DD	SW8270
Fluoranthene	ND	5.0	ug/L	02/06/13	DD	SW8270
Fluorene	ND	5.0	ug/L	02/06/13	DD	SW8270
Hexachlorobutadiene	ND	5.0	ug/L	02/06/13	DD	SW8270
Hexachlorocyclopentadiene	ND	5.0	ug/L	02/06/13	DD	SW8270
Isophorone	ND	5.0	ug/L	02/06/13	DD	SW8270
Naphthalene	ND	5.0	ug/L	02/06/13	DD	SW8270
Nitrobenzene	ND	5.0	ug/L	02/06/13	DD	SW8270
N-Nitrosodimethylamine	ND	5.0	ug/L	02/06/13	DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	02/06/13	DD	SW8270
N-Nitrosodiphenylamine	ND	5.0	ug/L	02/06/13	DD	SW8270
Phenol	ND	10	ug/L	02/06/13	DD	SW8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.0	ug/L	02/06/13	DD	SW8270
<u>QA/QC Surrogates</u>						
% 2,4,6-Tribromophenol	159		%	02/06/13	DD	15 - 130 % ³
% 2-Fluorobiphenyl	80		%	02/06/13	DD	30 - 130 %
% 2-Fluorophenol	70		%	02/06/13	DD	15 - 130 %
% Nitrobenzene-d5	73		%	02/06/13	DD	30 - 130 %
% Phenol-d5	68		%	02/06/13	DD	15 - 130 %
% Terphenyl-d14	51		%	02/06/13	DD	30 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	02/06/13	DD	SW8270 (SIM)
Acenaphthene	0.25	0.050	ug/L	02/06/13	DD	SW8270 (SIM)
Acenaphthylene	0.06	0.050	ug/L	02/06/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.27	0.040	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(a)pyrene	0.2	0.050	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.3	0.050	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	02/06/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.11	0.050	ug/L	02/06/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	02/06/13	DD	SW8270 (SIM)
Chrysene	0.42	0.050	ug/L	02/06/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.04	0.010	ug/L	02/06/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	02/06/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	02/06/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.13	0.050	ug/L	02/06/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	02/06/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	02/06/13	DD	SW8270 (SIM)
Phenanthrene	0.38	0.050	ug/L	02/06/13	DD	SW8270 (SIM)
Pyridine	ND	0.50	ug/L	02/06/13	DD	SW8270 (SIM)
<u>QA/QC Surrogates</u>						
% 2,4,6-Tribromophenol	159		%	02/06/13	DD	15 - 130 % ³
% 2-Fluorobiphenyl	80		%	02/06/13	DD	30 - 130 %
% 2-Fluorophenol	70		%	02/06/13	DD	15 - 130 %
% Nitrobenzene-d5	73		%	02/06/13	DD	30 - 130 %
% Phenol-d5	68		%	02/06/13	DD	15 - 130 %
% Terphenyl-d14	51		%	02/06/13	DD	30 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level

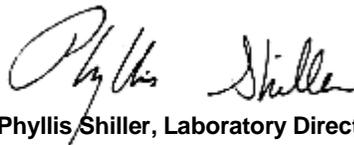
Comments:

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.

* One of the surrogates was above the method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

* For Pesticides, due to matrix interference from non target compounds in the sample an elevated RL was reported.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 07, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 February 07, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: GROUND WATER
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 02/01/13 0:00
 02/04/13 15:58

Laboratory Data

SDG ID: GBD26873
 Phoenix ID: BD27009

Project ID: 221 MIDDLETON ST
 Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
<u>Volatiles</u>						
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1,1-Trichloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	02/06/13	H/T	SW8260
1,1,2-Trichloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1-Dichloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1-Dichloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,1-Dichloropropene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2,3-Trichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2,3-Trichloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2,4-Trichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2,4-Trimethylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2-Dibromoethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2-Dichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,2-Dichloroethane	ND	0.60	ug/L	02/06/13	H/T	SW8260
1,2-Dichloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,3,5-Trimethylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,3-Dichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,3-Dichloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
1,4-Dichlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
2,2-Dichloropropane	ND	1.0	ug/L	02/06/13	H/T	SW8260
2-Chlorotoluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
2-Hexanone	ND	5.0	ug/L	02/06/13	H/T	SW8260
2-Isopropyltoluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
4-Chlorotoluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
4-Methyl-2-pentanone	ND	5.0	ug/L	02/06/13	H/T	SW8260
Acetone	ND	25	ug/L	02/06/13	H/T	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Acrylonitrile	ND	5.0	ug/L	02/06/13	H/T	SW8260
Benzene	ND	0.70	ug/L	02/06/13	H/T	SW8260
Bromobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Bromochloromethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Bromodichloromethane	ND	0.50	ug/L	02/06/13	H/T	SW8260
Bromoform	ND	1.0	ug/L	02/06/13	H/T	SW8260
Bromomethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Carbon Disulfide	ND	5.0	ug/L	02/06/13	H/T	SW8260
Carbon tetrachloride	ND	1.0	ug/L	02/06/13	H/T	SW8260
Chlorobenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Chloroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Chloroform	ND	1.0	ug/L	02/06/13	H/T	SW8260
Chloromethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
cis-1,2-Dichloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
cis-1,3-Dichloropropene	ND	0.50	ug/L	02/06/13	H/T	SW8260
Dibromochloromethane	ND	0.50	ug/L	02/06/13	H/T	SW8260
Dibromomethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Dichlorodifluoromethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Ethylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Hexachlorobutadiene	ND	0.40	ug/L	02/06/13	H/T	SW8260
Isopropylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
m&p-Xylene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Methyl ethyl ketone	ND	5.0	ug/L	02/06/13	H/T	SW8260
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	02/06/13	H/T	SW8260
Methylene chloride	ND	1.0	ug/L	02/06/13	H/T	SW8260
Naphthalene	ND	1.0	ug/L	02/06/13	H/T	SW8260
n-Butylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
n-Propylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
o-Xylene	ND	1.0	ug/L	02/06/13	H/T	SW8260
p-Isopropyltoluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
sec-Butylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Styrene	ND	1.0	ug/L	02/06/13	H/T	SW8260
tert-Butylbenzene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Tetrachloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Tetrahydrofuran (THF)	ND	2.5	ug/L	02/06/13	H/T	SW8260
Toluene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Total Xylenes	ND	1.0	ug/L	02/06/13	H/T	SW8260
trans-1,2-Dichloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
trans-1,3-Dichloropropene	ND	0.50	ug/L	02/06/13	H/T	SW8260
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	02/06/13	H/T	SW8260
Trichloroethene	ND	1.0	ug/L	02/06/13	H/T	SW8260
Trichlorofluoromethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Trichlorotrifluoroethane	ND	1.0	ug/L	02/06/13	H/T	SW8260
Vinyl chloride	ND	1.0	ug/L	02/06/13	H/T	SW8260
QA/QC Surrogates						
% 1,2-dichlorobenzene-d4	98		%	02/06/13	H/T	70 - 130 %
% Bromofluorobenzene	93		%	02/06/13	H/T	70 - 130 %
% Dibromofluoromethane	109		%	02/06/13	H/T	70 - 130 %
% Toluene-d8	101		%	02/06/13	H/T	70 - 130 %

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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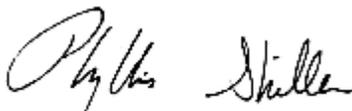
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 07, 2013

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

February 07, 2013

QA/QC Data

SDG I.D.: GBD26873

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 220000, QC Sample No: BD25124 (BD26873, BD26875)

Thallium - Water	BRL	<0.002	<0.002	NC	104	102	1.9	104	101	2.9		
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QA/QC Batch 220236, QC Sample No: BD26274 (BD26873, BD26875)

ICP Metals - Aqueous

Aluminum	BRL	<0.010	<0.010	NC	102	103	1.0	102	105	2.9	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	103	104	1.0	102	106	3.8	75 - 125	20
Arsenic	BRL	<0.004	<0.004	NC	101	101	0.0	99.3	103	3.7	75 - 125	20
Barium	BRL	<0.002	<0.002	NC	106	107	0.9	106	110	3.7	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	102	103	1.0	101	104	2.9	75 - 125	20
Cadmium	BRL	<0.001	<0.001	NC	101	102	1.0	98.9	104	5.0	75 - 125	20
Calcium	BRL	<0.010	<0.010	NC	99.6	100	0.4	99.0	103	4.0	75 - 125	20
Chromium	BRL	<0.001	<0.001	NC	101	101	0.0	99.3	103	3.7	75 - 125	20
Cobalt	BRL	<0.002	<0.002	NC	104	104	0.0	102	106	3.8	75 - 125	20
Copper	BRL	<0.001	<0.005	NC	103	104	1.0	103	106	2.9	75 - 125	20
Iron	BRL	0.011	<0.010	NC	105	105	0.0	102	105	2.9	75 - 125	20
Lead	BRL	<0.002	<0.002	NC	101	101	0.0	99.5	103	3.5	75 - 125	20
Magnesium	BRL	<0.01	<0.01	NC	102	103	1.0	101	105	3.9	75 - 125	20
Manganese	BRL	<0.001	<0.001	NC	102	102	0.0	100	104	3.9	75 - 125	20
Nickel	BRL	<0.001	<0.001	NC	104	104	0.0	102	106	3.8	75 - 125	20
Potassium	BRL	<0.1	<0.1	NC	98.0	98.1	0.1	99.0	100	1.0	75 - 125	20
Selenium	BRL	<0.010	<0.010	NC	98.1	98.0	0.1	94.9	100	5.2	75 - 125	20
Silver	BRL	<0.001	<0.001	NC	98.8	99.4	0.6	98.6	102	3.4	75 - 125	20
Sodium	BRL	<0.1	<0.1	NC	105	106	0.9	107	109	1.9	75 - 125	20
Vanadium	BRL	<0.002	<0.002	NC	102	102	0.0	101	105	3.9	75 - 125	20
Zinc	BRL	<0.002	<0.002	NC	102	102	0.0	101	104	2.9	75 - 125	20

QA/QC Batch 220248, QC Sample No: BD26404 (BD26873, BD26875)

ICP Metals - Dissolved

Aluminum	BRL	0.05	0.05	0	93.7	93.7	0.0	96.8	99.1	2.3	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	94.8	93.8	1.1	93.6	97.0	3.6	75 - 125	20
Arsenic	BRL	0.007	<0.004	NC	93.4	91.9	1.6	94.5	98.0	3.6	75 - 125	20
Barium	BRL	0.490	0.489	0.20	95.5	95.1	0.4	88.6	91.5	3.2	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	95.0	95.0	0.0	96.0	98.0	2.1	75 - 125	20
Cadmium	BRL	<0.001	<0.001	NC	96.4	94.3	2.2	92.0	94.8	3.0	75 - 125	20
Calcium	BRL	126	127	0.80	93.8	94.0	0.2	NC	NC	NC	75 - 125	20
Chromium	BRL	<0.001	<0.001	NC	92.6	92.0	0.7	90.5	93.4	3.2	75 - 125	20
Cobalt	BRL	<0.001	<0.001	NC	96.5	95.4	1.1	92.3	95.3	3.2	75 - 125	20
Copper	BRL	<0.005	<0.005	NC	94.7	94.9	0.2	93.0	95.2	2.3	75 - 125	20
Iron	BRL	28.1	28.3	0.70	96.8	96.1	0.7	NC	NC	NC	75 - 125	20
Lead	BRL	<0.002	<0.002	NC	93.8	92.2	1.7	89.6	92.5	3.2	75 - 125	20
Magnesium	BRL	36.4	36.9	1.40	95.5	94.8	0.7	NC	NC	NC	75 - 125	20
Manganese	BRL	2.67	2.70	1.10	95.9	94.7	1.3	79.3	82.1	3.5	75 - 125	20
Nickel	BRL	<0.001	<0.001	NC	96.8	95.8	1.0	91.6	94.7	3.3	75 - 125	20

QA/QC Data

SDG I.D.: GBD26873

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Potassium	BRL	5.5	5.3	3.70	84.6	84.9	0.4	86.0	87.5	1.7	75 - 125	20
Selenium	BRL	<0.011	<0.011	NC	89.9	88.7	1.3	96.4	98.3	2.0	75 - 125	20
Silver	BRL	<0.001	<0.001	NC	91.0	91.3	0.3	81.4	83.6	2.7	75 - 125	20
Sodium	BRL	25.6	25.6	0	89.8	89.9	0.1	NC	NC	NC	75 - 125	20
Vanadium	BRL	<0.002	<0.002	NC	93.6	93.4	0.2	93.5	95.2	1.8	75 - 125	20
Zinc	BRL	<0.002	<0.002	NC	94.5	93.2	1.4	92.3	95.6	3.5	75 - 125	20
QA/QC Batch 220421, QC Sample No: BD26681 (BD26873)												
Mercury - Water	BRL	<0.0002	<0.0002	NC	96.6	97.3	0.7	97.4	96.7	0.7	70 - 130	20
Comment:												
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.												
QA/QC Batch 220396, QC Sample No: BD26873 (BD26873, BD26875)												
Thallium (Dissolved)		<0.002	<0.005	NC	119	122	2.5	116			75 - 125	20
QA/QC Batch 220422, QC Sample No: BD26875 (BD26875)												
Mercury - Water	BRL	<0.0002	<0.0002	NC	99.9	97.6	2.3	98.1	93.0	5.3	70 - 130	20
Comment:												
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.												



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QA/QC Report

February 07, 2013

QA/QC Data

SDG I.D.: GBD26873

Parameter	Blank	LCS %	LCS D %	LCS RPD	MS %	MS D %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 220277, QC Sample No: BD26622 (BD26873, BD26875)									
<u>Pesticides - Ground Water</u>									
4,4' -DDD	ND	70	84	18.2				40 - 140	20
4,4' -DDE	ND	71	81	13.2				40 - 140	20
4,4' -DDT	ND	73	89	19.8				40 - 140	20
a-BHC	ND	72	80	10.5				40 - 140	20
a-Chlordane	ND	74	85	13.8				40 - 140	20
Alachlor	ND	N/A	N/A	NC				40 - 140	20
Aldrin	ND	69	68	1.5				40 - 140	20
b-BHC	ND	72	83	14.2				40 - 140	20
Chlordane	ND	N/A	N/A	NC				40 - 140	20
d-BHC	ND	74	85	13.8				40 - 140	20
Dieldrin	ND	79	91	14.1				40 - 140	20
Endosulfan I	ND	79	90	13.0				40 - 140	20
Endosulfan II	ND	83	97	15.6				40 - 140	20
Endosulfan sulfate	ND	77	94	19.9				40 - 140	20
Endrin	ND	80	95	17.1				40 - 140	20
Endrin aldehyde	ND	87	103	16.8				40 - 140	20
Endrin ketone	ND	73	91	22.0				40 - 140	20
g-BHC	ND	73	83	12.8				40 - 140	20
g-Chlordane	ND	75	86	13.7				40 - 140	20
Heptachlor	ND	68	72	5.7				40 - 140	20
Heptachlor epoxide	ND	73	84	14.0				40 - 140	20
Methoxychlor	ND	60	79	27.3				40 - 140	20
Toxaphene	ND	N/A	N/A	NC				40 - 140	20
% DCBP	91	80	93	15.0				30 - 150	20
% TCMX	71	68	75	9.8				30 - 150	20

Comment:

A LCS and LCS duplicate were performed instead of a matrix spike and matrix spike duplicate, unless otherwise noted. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane.

QA/QC Batch 220399, QC Sample No: BD26670 (BD26873, BD26875)

Polychlorinated Biphenyls - Ground Water

PCB-1016	ND	82	78	5.0				40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	92	83	10.3				40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	68	74	80	7.8				30 - 150	20
% TCMX (Surrogate Rec)	59	79	77	2.6				30 - 150	20

QA/QC Data

SDG I.D.: GBD26873

Parameter	Blank	LCS %	LCS D %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Comment:									
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.									
QA/QC Batch 220374, QC Sample No: BD26670 (BD26873, BD26874, BD26875)									
<u>Semivolatiles - Ground Water</u>									
1,2,4,5-Tetrachlorobenzene	ND	86	85	1.2				30 - 130	20
1,2,4-Trichlorobenzene	ND	82	82	0.0				30 - 130	20
1,2-Dichlorobenzene	ND	79	79	0.0				30 - 130	20
1,2-Diphenylhydrazine	ND	67	66	1.5				30 - 130	20
1,3-Dichlorobenzene	ND	77	77	0.0				30 - 130	20
1,4-Dichlorobenzene	ND	78	78	0.0				30 - 130	20
2,4,5-Trichlorophenol	ND	90	89	1.1				30 - 130	20
2,4,6-Trichlorophenol	ND	77	77	0.0				30 - 130	20
2,4-Dichlorophenol	ND	88	88	0.0				30 - 130	20
2,4-Dimethylphenol	ND	52	52	0.0				30 - 130	20
2,4-Dinitrophenol	ND	63	71	11.9				30 - 130	20
2,4-Dinitrotoluene	ND	94	95	1.1				30 - 130	20
2,6-Dinitrotoluene	ND	94	94	0.0				30 - 130	20
2-Chloronaphthalene	ND	86	85	1.2				30 - 130	20
2-Chlorophenol	ND	77	76	1.3				30 - 130	20
2-Methylnaphthalene	ND	86	85	1.2				30 - 130	20
2-Methylphenol (o-cresol)	ND	74	74	0.0				30 - 130	20
2-Nitroaniline	ND	144	127	12.5				30 - 130	20
2-Nitrophenol	ND	76	75	1.3				30 - 130	20
3&4-Methylphenol (m&p-cresol)	ND	80	78	2.5				30 - 130	20
3,3'-Dichlorobenzidine	ND	N/A	N/A	NC				30 - 130	20
3-Nitroaniline	ND	99	94	5.2				30 - 130	20
4,6-Dinitro-2-methylphenol	ND	82	90	9.3				30 - 130	20
4-Bromophenyl phenyl ether	ND	89	90	1.1				30 - 130	20
4-Chloro-3-methylphenol	ND	88	87	1.1				30 - 130	20
4-Chloroaniline	ND	20	18	10.5				30 - 130	20
4-Chlorophenyl phenyl ether	ND	90	89	1.1				30 - 130	20
4-Nitroaniline	ND	85	86	1.2				30 - 130	20
4-Nitrophenol	ND	64	60	6.5				30 - 130	20
Acenaphthene	ND	102	102	0.0				30 - 130	20
Acenaphthylene	ND	75	75	0.0				30 - 130	20
Acetophenone	ND	81	81	0.0				30 - 130	20
Aniline	ND	N/A	N/A	NC				30 - 130	20
Anthracene	ND	105	106	0.9				30 - 130	20
Benz(a)anthracene	ND	114	114	0.0				30 - 130	20
Benzidine	ND	N/A	N/A	NC				10 - 130	20
Benzo(a)pyrene	ND	100	98	2.0				30 - 130	20
Benzo(b)fluoranthene	ND	116	109	6.2				30 - 130	20
Benzo(ghi)perylene	ND	124	121	2.4				30 - 130	20
Benzo(k)fluoranthene	ND	116	118	1.7				30 - 130	20
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20
Benzyl butyl phthalate	ND	91	91	0.0				30 - 130	20
Bis(2-chloroethoxy)methane	ND	46	46	0.0				30 - 130	20
Bis(2-chloroethyl)ether	ND	95	79	18.4				30 - 130	20
Bis(2-chloroisopropyl)ether	ND	76	76	0.0				30 - 130	20
Bis(2-ethylhexyl)phthalate	ND	97	96	1.0				30 - 130	20
Carbazole	ND	103	104	1.0				30 - 130	20
Chrysene	ND	116	117	0.9				30 - 130	20

QA/QC Data

SDG I.D.: GBD26873

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dibenz(a,h)anthracene	ND	126	124	1.6				30 - 130	20
Dibenzofuran	ND	88	88	0.0				30 - 130	20
Diethyl phthalate	ND	90	89	1.1				30 - 130	20
Dimethylphthalate	ND	88	88	0.0				30 - 130	20
Di-n-butylphthalate	ND	95	95	0.0				30 - 130	20
Di-n-octylphthalate	ND	91	93	2.2				30 - 130	20
Fluoranthene	ND	89	89	0.0				30 - 130	20
Fluorene	ND	106	106	0.0				30 - 130	20
Hexachlorobenzene	ND	84	85	1.2				30 - 130	20
Hexachlorobutadiene	ND	82	83	1.2				30 - 130	20
Hexachlorocyclopentadiene	ND	30	31	3.3				30 - 130	20
Hexachloroethane	ND	75	75	0.0				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	124	122	1.6				30 - 130	20
Isophorone	ND	88	88	0.0				30 - 130	20
Naphthalene	ND	85	84	1.2				30 - 130	20
Nitrobenzene	ND	80	81	1.2				30 - 130	20
N-Nitrosodimethylamine	ND	68	68	0.0				30 - 130	20
N-Nitrosodi-n-propylamine	ND	81	81	0.0				30 - 130	20
N-Nitrosodiphenylamine	ND	80	81	1.2				30 - 130	20
Pentachloronitrobenzene	ND	86	87	1.2				30 - 130	20
Pentachlorophenol	ND	81	81	0.0				30 - 130	20
Phenanthrene	ND	108	109	0.9				30 - 130	20
Phenol	ND	68	69	1.5				30 - 130	20
Pyrene	ND	105	105	0.0				30 - 130	20
Pyridine	ND	29	29	0.0				30 - 130	20
% 2,4,6-Tribromophenol	153	77	73	5.3				15 - 130	20
% 2-Fluorobiphenyl	81	83	82	1.2				30 - 130	20
% 2-Fluorophenol	72	62	62	0.0				15 - 130	20
% Nitrobenzene-d5	72	75	75	0.0				30 - 130	20
% Phenol-d5	72	65	65	0.0				15 - 130	20
% Terphenyl-d14	93	89	89	0.0				30 - 130	20

Comment:

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 220558, QC Sample No: BD26799 (BD26873, BD26874, BD26875)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	105	103	1.9	98	97	1.0	70 - 130	30
1,1,1-Trichloroethane	ND	98	99	1.0	90	94	4.3	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	93	96	3.2	90	96	6.5	70 - 130	30
1,1,2-Trichloroethane	ND	104	101	2.9	98	100	2.0	70 - 130	30
1,1-Dichloroethane	ND	93	90	3.3	87	93	6.7	70 - 130	30
1,1-Dichloroethene	ND	99	99	0.0	86	97	12.0	70 - 130	30
1,1-Dichloropropene	ND	100	97	3.0	92	91	1.1	70 - 130	30
1,2,3-Trichlorobenzene	ND	122	125	2.4	69	112	47.5	70 - 130	30
1,2,3-Trichloropropane	ND	92	96	4.3	83	98	16.6	70 - 130	30
1,2,4-Trichlorobenzene	ND	115	115	0.0	82	107	26.5	70 - 130	30
1,2,4-Trimethylbenzene	ND	103	103	0.0	90	94	4.3	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	105	103	1.9	90	99	9.5	70 - 130	30
1,2-Dibromoethane	ND	100	98	2.0	96	101	5.1	70 - 130	30
1,2-Dichlorobenzene	ND	100	98	2.0	91	94	3.2	70 - 130	30
1,2-Dichloroethane	ND	98	97	1.0	95	98	3.1	70 - 130	30
1,2-Dichloropropane	ND	97	99	2.0	91	93	2.2	70 - 130	30

QA/QC Data

SDG I.D.: GBD26873

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3,5-Trimethylbenzene	ND	101	100	1.0	90	93	3.3	70 - 130	30	
1,3-Dichlorobenzene	ND	102	99	3.0	92	94	2.2	70 - 130	30	
1,3-Dichloropropane	ND	97	99	2.0	94	97	3.1	70 - 130	30	
1,4-Dichlorobenzene	ND	99	97	2.0	90	92	2.2	70 - 130	30	
2,2-Dichloropropane	ND	78	79	1.3	66	69	4.4	70 - 130	30	m
2-Chlorotoluene	ND	102	99	3.0	91	92	1.1	70 - 130	30	
2-Hexanone	ND	98	104	5.9	91	97	6.4	70 - 130	30	
2-Isopropyltoluene	ND	100	98	2.0	90	92	2.2	70 - 130	30	
4-Chlorotoluene	ND	98	96	2.1	91	92	1.1	70 - 130	30	
4-Methyl-2-pentanone	ND	102	104	1.9	95	100	5.1	70 - 130	30	
Acetone	ND	102	88	14.7	91	106	15.2	70 - 130	30	
Acrylonitrile	ND	91	102	11.4	85	98	14.2	70 - 130	30	
Benzene	ND	98	97	1.0	92	93	1.1	70 - 130	30	
Bromobenzene	ND	100	99	1.0	93	95	2.1	70 - 130	30	
Bromochloromethane	ND	98	101	3.0	93	96	3.2	70 - 130	30	
Bromodichloromethane	ND	102	100	2.0	95	98	3.1	70 - 130	30	
Bromoform	ND	109	106	2.8	99	101	2.0	70 - 130	30	
Bromomethane	ND	108	110	1.8	64	86	29.3	70 - 130	30	m
Carbon Disulfide	ND	98	98	0.0	84	99	16.4	70 - 130	30	
Carbon tetrachloride	ND	101	97	4.0	94	94	0.0	70 - 130	30	
Chlorobenzene	ND	100	98	2.0	93	93	0.0	70 - 130	30	
Chloroethane	ND	105	108	2.8	103	109	5.7	70 - 130	30	
Chloroform	ND	98	98	0.0	90	94	4.3	70 - 130	30	
Chloromethane	ND	99	100	1.0	87	95	8.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	99	99	0.0	89	94	5.5	70 - 130	30	
cis-1,3-Dichloropropene	ND	99	98	1.0	92	94	2.2	70 - 130	30	
Dibromochloromethane	ND	107	106	0.9	98	98	0.0	70 - 130	30	
Dibromomethane	ND	100	99	1.0	96	98	2.1	70 - 130	30	
Dichlorodifluoromethane	ND	98	99	1.0	93	95	2.1	70 - 130	30	
Ethylbenzene	ND	101	98	3.0	94	92	2.2	70 - 130	30	
Hexachlorobutadiene	ND	104	96	8.0	81	89	9.4	70 - 130	30	
Isopropylbenzene	ND	101	100	1.0	89	91	2.2	70 - 130	30	
m&p-Xylene	ND	102	100	2.0	93	92	1.1	70 - 130	30	
Methyl ethyl ketone	ND	85	89	4.6	87	95	8.8	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	93	85	9.0	98	101	3.0	70 - 130	30	
Methylene chloride	ND	92	81	12.7	86	92	6.7	70 - 130	30	
Naphthalene	ND	127	129	1.6	86	122	34.6	70 - 130	30	r
n-Butylbenzene	ND	97	96	1.0	83	87	4.7	70 - 130	30	
n-Propylbenzene	ND	104	101	2.9	89	91	2.2	70 - 130	30	
o-Xylene	ND	106	103	2.9	>150	>150	NC	70 - 130	30	m
p-Isopropyltoluene	ND	104	102	1.9	90	91	1.1	70 - 130	30	
sec-Butylbenzene	ND	97	97	0.0	87	91	4.5	70 - 130	30	
Styrene	ND	102	100	2.0	>150	>150	NC	70 - 130	30	m
tert-Butylbenzene	ND	102	101	1.0	90	93	3.3	70 - 130	30	
Tetrachloroethene	ND	97	94	3.1	89	86	3.4	70 - 130	30	
Tetrahydrofuran (THF)	ND	90	98	8.5	90	95	5.4	70 - 130	30	
Toluene	ND	100	97	3.0	94	93	1.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	99	87	12.9	88	91	3.4	70 - 130	30	
trans-1,3-Dichloropropene	ND	99	98	1.0	94	98	4.2	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	98	102	4.0	88	93	5.5	70 - 130	30	
Trichloroethene	ND	107	102	4.8	93	93	0.0	70 - 130	30	
Trichlorofluoromethane	ND	97	97	0.0	88	92	4.4	70 - 130	30	
Trichlorotrifluoroethane	ND	93	91	2.2	85	92	7.9	70 - 130	30	

QA/QC Data

SDG I.D.: GBD26873

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vinyl chloride	ND	95	97	2.1	84	89	5.8	70 - 130	30
% 1,2-dichlorobenzene-d4	103	100	100	0.0	100	101	1.0	70 - 130	30
% Bromofluorobenzene	96	98	100	2.0	102	101	1.0	70 - 130	30
% Dibromofluoromethane	97	103	102	1.0	103	102	1.0	70 - 130	30
% Toluene-d8	100	100	99	1.0	101	100	1.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 220598, QC Sample No: BD27009 (BD27009)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	107	102	4.8	98	93	5.2	70 - 130	30	
1,1,1-Trichloroethane	ND	132	120	9.5	119	118	0.8	70 - 130	30	I
1,1,2,2-Tetrachloroethane	ND	107	104	2.8	100	101	1.0	70 - 130	30	
1,1,2-Trichloroethane	ND	108	102	5.7	99	97	2.0	70 - 130	30	
1,1-Dichloroethane	ND	127	118	7.3	123	124	0.8	70 - 130	30	
1,1-Dichloroethene	ND	122	114	6.8	121	124	2.4	70 - 130	30	
1,1-Dichloropropene	ND	131	119	9.6	128	122	4.8	70 - 130	30	I
1,2,3-Trichlorobenzene	ND	106	104	1.9	94	96	2.1	70 - 130	30	
1,2,3-Trichloropropane	ND	112	111	0.9	107	106	0.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	106	101	4.8	93	95	2.1	70 - 130	30	
1,2,4-Trimethylbenzene	ND	110	104	5.6	101	97	4.0	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	103	104	1.0	92	92	0.0	70 - 130	30	
1,2-Dibromoethane	ND	104	102	1.9	100	97	3.0	70 - 130	30	
1,2-Dichlorobenzene	ND	105	102	2.9	97	95	2.1	70 - 130	30	
1,2-Dichloroethane	ND	106	103	2.9	105	102	2.9	70 - 130	30	
1,2-Dichloropropane	ND	107	103	3.8	105	102	2.9	70 - 130	30	
1,3,5-Trimethylbenzene	ND	109	102	6.6	102	98	4.0	70 - 130	30	
1,3-Dichlorobenzene	ND	106	101	4.8	97	94	3.1	70 - 130	30	
1,3-Dichloropropane	ND	108	105	2.8	102	99	3.0	70 - 130	30	
1,4-Dichlorobenzene	ND	104	101	2.9	95	94	1.1	70 - 130	30	
2,2-Dichloropropane	ND	107	99	7.8	82	78	5.0	70 - 130	30	
2-Chlorotoluene	ND	107	100	6.8	98	93	5.2	70 - 130	30	
2-Hexanone	ND	115	113	1.8	104	102	1.9	70 - 130	30	
2-Isopropyltoluene	ND	108	102	5.7	104	99	4.9	70 - 130	30	
4-Chlorotoluene	ND	105	98	6.9	99	96	3.1	70 - 130	30	
4-Methyl-2-pentanone	ND	111	108	2.7	108	105	2.8	70 - 130	30	
Acetone	ND	117	107	8.9	126	123	2.4	70 - 130	30	
Acrylonitrile	ND	117	111	5.3	115	118	2.6	70 - 130	30	
Benzene	ND	110	102	7.5	110	103	6.6	70 - 130	30	
Bromobenzene	ND	102	99	3.0	93	91	2.2	70 - 130	30	
Bromochloromethane	ND	124	117	5.8	117	116	0.9	70 - 130	30	
Bromodichloromethane	ND	111	106	4.6	96	93	3.2	70 - 130	30	
Bromoform	ND	105	103	1.9	90	91	1.1	70 - 130	30	
Bromomethane	ND	118	113	4.3	57	84	38.3	70 - 130	30	m,r
Carbon Disulfide	ND	118	108	8.8	127	128	0.8	70 - 130	30	
Carbon tetrachloride	ND	139	128	8.2	100	98	2.0	70 - 130	30	I
Chlorobenzene	ND	106	101	4.8	100	96	4.1	70 - 130	30	
Chloroethane	ND	133	123	7.8	134	133	0.7	70 - 130	30	I,m
Chloroform	ND	125	116	7.5	125	121	3.3	70 - 130	30	
Chloromethane	ND	123	113	8.5	121	123	1.6	70 - 130	30	
cis-1,2-Dichloroethene	ND	127	118	7.3	122	121	0.8	70 - 130	30	
cis-1,3-Dichloropropene	ND	104	99	4.9	94	91	3.2	70 - 130	30	
Dibromochloromethane	ND	108	104	3.8	89	88	1.1	70 - 130	30	

QA/QC Data

SDG I.D.: GBD26873

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dibromomethane	ND	108	105	2.8	101	100	1.0	70 - 130	30
Dichlorodifluoromethane	ND	135	122	10.1	125	127	1.6	70 - 130	30
Ethylbenzene	ND	106	99	6.8	102	97	5.0	70 - 130	30
Hexachlorobutadiene	ND	102	96	6.1	92	92	0.0	70 - 130	30
Isopropylbenzene	ND	110	105	4.7	101	95	6.1	70 - 130	30
m&p-Xylene	ND	110	100	9.5	105	99	5.9	70 - 130	30
Methyl ethyl ketone	ND	108	103	4.7	113	114	0.9	70 - 130	30
Methyl t-butyl ether (MTBE)	ND	114	110	3.6	113	119	5.2	70 - 130	30
Methylene chloride	ND	112	108	3.6	110	113	2.7	70 - 130	30
Naphthalene	ND	106	105	0.9	96	99	3.1	70 - 130	30
n-Butylbenzene	ND	116	110	5.3	109	104	4.7	70 - 130	30
n-Propylbenzene	ND	113	105	7.3	101	97	4.0	70 - 130	30
o-Xylene	ND	109	101	7.6	106	100	5.8	70 - 130	30
p-Isopropyltoluene	ND	114	107	6.3	103	99	4.0	70 - 130	30
sec-Butylbenzene	ND	111	104	6.5	107	102	4.8	70 - 130	30
Styrene	ND	105	99	5.9	106	103	2.9	70 - 130	30
tert-Butylbenzene	ND	111	103	7.5	103	98	5.0	70 - 130	30
Tetrachloroethene	ND	107	98	8.8	100	95	5.1	70 - 130	30
Tetrahydrofuran (THF)	ND	123	118	4.1	123	121	1.6	70 - 130	30
Toluene	ND	107	99	7.8	103	99	4.0	70 - 130	30
trans-1,2-Dichloroethene	ND	125	114	9.2	117	120	2.5	70 - 130	30
trans-1,3-Dichloropropene	ND	104	100	3.9	95	91	4.3	70 - 130	30
trans-1,4-dichloro-2-butene	ND	100	101	1.0	84	84	0.0	70 - 130	30
Trichloroethene	ND	110	103	6.6	100	95	5.1	70 - 130	30
Trichlorofluoromethane	ND	131	120	8.8	125	126	0.8	70 - 130	30
Trichlorotrifluoroethane	ND	126	112	11.8	119	122	2.5	70 - 130	30
Vinyl chloride	ND	126	113	10.9	120	122	1.7	70 - 130	30
% 1,2-dichlorobenzene-d4	99	101	101	0.0	102	101	1.0	70 - 130	30
% Bromofluorobenzene	97	102	102	0.0	103	101	2.0	70 - 130	30
% Dibromofluoromethane	111	116	110	5.3	112	116	3.5	70 - 130	30
% Toluene-d8	100	101	100	1.0	100	101	1.0	70 - 130	30

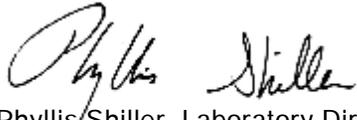
Comment:

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
 m = This parameter is outside laboratory ms/msd specified recovery limits.
 r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference


 Phyllis Shiller, Laboratory Director
 February 07, 2013

Sample Criteria Exceedences Report

GBD26873 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this 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.





Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

February 07, 2013

SDG I.D.: GBD26873

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)



Monday, February 04, 2013

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 221 MIDDLETON AVE BROOKLYN
Sample ID#s: BD24333 - BD24335

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

February 04, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date: 01/25/13 15:35
 01/28/13 16:49

Laboratory Data

SDG ID: GBD24333
 Phoenix ID: BD24333

Project ID: 221 MIDDLETON AVE BROOKLYN
 Client ID: SG 1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/29/13	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/29/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/29/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/29/13	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	01/29/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	01/29/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/29/13	KCA	TO15
1,2,4-Trimethylbenzene	0.42	0.204	2.06	1.00	01/29/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/29/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/29/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	01/29/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	01/29/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/29/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	01/29/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	01/29/13	KCA	TO15
1,3-Dichlorobenzene	ND	0.166	ND	1.00	01/29/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/29/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	01/29/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/29/13	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	01/29/13	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	01/29/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	01/29/13	KCA	TO15
Acetone	2.6	0.421	6.17	1.00	01/29/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	01/29/13	KCA	TO15
Benzene	0.62	0.313	1.98	1.00	01/29/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	01/29/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	01/29/13	KCA	TO15

Client ID: SG 1

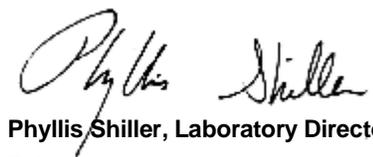
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	01/29/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	01/29/13	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	01/29/13	KCA	TO15
Carbon Tetrachloride	0.09	0.040	0.566	0.25	01/29/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	01/29/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	01/29/13	KCA	TO15
Chloroform	ND	0.205	ND	1.00	01/29/13	KCA	TO15
Chloromethane	0.67	0.484	1.38	1.00	01/29/13	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	01/29/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	01/29/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	01/29/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	01/29/13	KCA	TO15
Dichlorodifluoromethane	0.5	0.202	2.47	1.00	01/29/13	KCA	TO15
Ethanol	11.9	0.531	22.4	1.00	01/29/13	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	01/29/13	KCA	TO15 1
Ethylbenzene	0.41	0.230	1.78	1.00	01/29/13	KCA	TO15
Heptane	0.25	0.244	1.02	1.00	01/29/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	01/29/13	KCA	TO15
Hexane	0.88	0.284	3.10	1.00	01/29/13	KCA	TO15
Isopropylalcohol	ND	0.407	ND	1.00	01/29/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	01/29/13	KCA	TO15
m,p-Xylene	1.28	0.230	5.55	1.00	01/29/13	KCA	TO15
Methyl Ethyl Ketone	0.53	0.339	1.56	1.00	01/29/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/29/13	KCA	TO15
Methylene Chloride	1.03	0.288	3.58	1.00	01/29/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	01/29/13	KCA	TO15 1
o-Xylene	0.46	0.230	2.00	1.00	01/29/13	KCA	TO15
Propylene	ND	0.581	ND	1.00	01/29/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	01/29/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	01/29/13	KCA	TO15
Tetrachloroethene	0.12	0.037	0.813	0.25	01/29/13	KCA	TO15
Tetrahydrofuran	ND	0.339	ND	1.00	01/29/13	KCA	TO15 1
Toluene	1.19	0.266	4.48	1.00	01/29/13	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/29/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	01/29/13	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	01/29/13	KCA	TO15
Trichlorofluoromethane	0.22	0.178	1.24	1.00	01/29/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	01/29/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	01/29/13	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	101	%	101	%	01/29/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by 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
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director
February 04, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

February 04, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 01/25/13 15:00
 01/28/13 16:49

Laboratory Data

SDG ID: GBD24333
 Phoenix ID: BD24334

Project ID: 221 MIDDLETON AVE BROOKLYN
 Client ID: SG 2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Volatiles (TO15)							
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/29/13	KCA	TO15 1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/29/13	KCA	TO15
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/29/13	KCA	TO15
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/29/13	KCA	TO15
1,1-Dichloroethane	ND	0.247	ND	1.00	01/29/13	KCA	TO15
1,1-Dichloroethene	ND	0.252	ND	1.00	01/29/13	KCA	TO15
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/29/13	KCA	TO15
1,2,4-Trimethylbenzene	0.21	0.204	1.03	1.00	01/29/13	KCA	TO15
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/29/13	KCA	TO15
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/29/13	KCA	TO15
1,2-Dichloroethane	ND	0.247	ND	1.00	01/29/13	KCA	TO15
1,2-dichloropropane	ND	0.216	ND	1.00	01/29/13	KCA	TO15
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/29/13	KCA	TO15
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	01/29/13	KCA	TO15
1,3-Butadiene	ND	0.452	ND	1.00	01/29/13	KCA	TO15
1,3-Dichlorobenzene	0.64	0.166	3.84	1.00	01/29/13	KCA	TO15
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/29/13	KCA	TO15
1,4-Dioxane	ND	0.278	ND	1.00	01/29/13	KCA	TO15
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/29/13	KCA	TO15 1
4-Ethyltoluene	ND	0.204	ND	1.00	01/29/13	KCA	TO15 1
4-Isopropyltoluene	ND	0.182	ND	1.00	01/29/13	KCA	TO15 1
4-Methyl-2-pentanone(MIBK)	1.78	0.244	7.29	1.00	01/29/13	KCA	TO15
Acetone	33.2	0.421	78.8	1.00	01/29/13	KCA	TO15
Acrylonitrile	ND	0.461	ND	1.00	01/29/13	KCA	TO15
Benzene	ND	0.313	ND	1.00	01/29/13	KCA	TO15
Benzyl chloride	ND	0.193	ND	1.00	01/29/13	KCA	TO15
Bromodichloromethane	ND	0.149	ND	1.00	01/29/13	KCA	TO15

Client ID: SG 2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	01/29/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	01/29/13	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	01/29/13	KCA	TO15
Carbon Tetrachloride	0.08	0.040	0.503	0.25	01/29/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	01/29/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	01/29/13	KCA	TO15
Chloroform	ND	0.205	ND	1.00	01/29/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	01/29/13	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	01/29/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	01/29/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	01/29/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	01/29/13	KCA	TO15
Dichlorodifluoromethane	0.54	0.202	2.67	1.00	01/29/13	KCA	TO15
Ethanol	13.7	0.531	25.8	1.00	01/29/13	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	01/29/13	KCA	TO15 1
Ethylbenzene	ND	0.230	ND	1.00	01/29/13	KCA	TO15
Heptane	ND	0.244	ND	1.00	01/29/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	01/29/13	KCA	TO15
Hexane	ND	0.284	ND	1.00	01/29/13	KCA	TO15
Isopropylalcohol	1.81	0.407	4.45	1.00	01/29/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	01/29/13	KCA	TO15
m,p-Xylene	0.53	0.230	2.30	1.00	01/29/13	KCA	TO15
Methyl Ethyl Ketone	6.87	0.339	20.2	1.00	01/29/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/29/13	KCA	TO15
Methylene Chloride	1.68	0.288	5.83	1.00	01/29/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	01/29/13	KCA	TO15 1
o-Xylene	ND	0.230	ND	1.00	01/29/13	KCA	TO15
Propylene	ND	0.581	ND	1.00	01/29/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	01/29/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	01/29/13	KCA	TO15
Tetrachloroethene	0.09	0.037	0.610	0.25	01/29/13	KCA	TO15
Tetrahydrofuran	0.58	0.339	1.71	1.00	01/29/13	KCA	TO15 1
Toluene	0.67	0.266	2.52	1.00	01/29/13	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/29/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	01/29/13	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	01/29/13	KCA	TO15
Trichlorofluoromethane	0.39	0.178	2.19	1.00	01/29/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	01/29/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	01/29/13	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	104	%	104	%	01/29/13	KCA	TO15

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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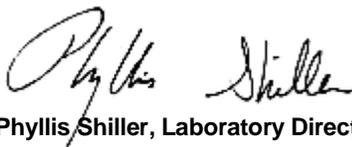
1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

February 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 February 04, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: AIR
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date Time
 01/25/13 15:10
 01/28/13 16:49

Laboratory Data

SDG ID: GBD24333
 Phoenix ID: BD24335

Project ID: 221 MIDDLETON AVE BROOKLYN
 Client ID: SG 3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
<u>Volatiles (TO15)</u>								
1,1,1,2-Tetrachloroethane	ND	0.146	ND	1.00	01/29/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	0.183	ND	1.00	01/29/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	0.146	ND	1.00	01/29/13	KCA	TO15	
1,1,2-Trichloroethane	ND	0.183	ND	1.00	01/29/13	KCA	TO15	
1,1-Dichloroethane	ND	0.247	ND	1.00	01/29/13	KCA	TO15	
1,1-Dichloroethene	ND	0.252	ND	1.00	01/29/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	0.135	ND	1.00	01/29/13	KCA	TO15	
1,2,4-Trimethylbenzene	0.26	0.204	1.28	1.00	01/29/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	01/29/13	KCA	TO15	
1,2-Dichlorobenzene	ND	0.166	ND	1.00	01/29/13	KCA	TO15	
1,2-Dichloroethane	ND	0.247	ND	1.00	01/29/13	KCA	TO15	
1,2-dichloropropane	ND	0.216	ND	1.00	01/29/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	0.143	ND	1.00	01/29/13	KCA	TO15	
1,3,5-Trimethylbenzene	ND	0.204	ND	1.00	01/29/13	KCA	TO15	
1,3-Butadiene	ND	0.452	ND	1.00	01/29/13	KCA	TO15	
1,3-Dichlorobenzene	ND	0.166	ND	1.00	01/29/13	KCA	TO15	
1,4-Dichlorobenzene	ND	0.166	ND	1.00	01/29/13	KCA	TO15	
1,4-Dioxane	ND	0.278	ND	1.00	01/29/13	KCA	TO15	
2-Hexanone(MBK)	ND	0.244	ND	1.00	01/29/13	KCA	TO15	1
4-Ethyltoluene	ND	0.204	ND	1.00	01/29/13	KCA	TO15	1
4-Isopropyltoluene	ND	0.182	ND	1.00	01/29/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	0.244	ND	1.00	01/29/13	KCA	TO15	
Acetone	11.4	0.421	27.1	1.00	01/29/13	KCA	TO15	
Acrylonitrile	ND	0.461	ND	1.00	01/29/13	KCA	TO15	
Benzene	0.69	0.313	2.20	1.00	01/29/13	KCA	TO15	
Benzyl chloride	ND	0.193	ND	1.00	01/29/13	KCA	TO15	
Bromodichloromethane	ND	0.149	ND	1.00	01/29/13	KCA	TO15	

Client ID: SG 3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
Bromoform	ND	0.097	ND	1.00	01/29/13	KCA	TO15
Bromomethane	ND	0.258	ND	1.00	01/29/13	KCA	TO15
Carbon Disulfide	ND	0.321	ND	1.00	01/29/13	KCA	TO15
Carbon Tetrachloride	0.09	0.040	0.566	0.25	01/29/13	KCA	TO15
Chlorobenzene	ND	0.217	ND	1.00	01/29/13	KCA	TO15
Chloroethane	ND	0.379	ND	1.00	01/29/13	KCA	TO15
Chloroform	ND	0.205	ND	1.00	01/29/13	KCA	TO15
Chloromethane	ND	0.484	ND	1.00	01/29/13	KCA	TO15
Cis-1,2-Dichloroethene	ND	0.252	ND	1.00	01/29/13	KCA	TO15
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	01/29/13	KCA	TO15 1
Cyclohexane	ND	0.291	ND	1.00	01/29/13	KCA	TO15
Dibromochloromethane	ND	0.117	ND	1.00	01/29/13	KCA	TO15
Dichlorodifluoromethane	0.57	0.202	2.82	1.00	01/29/13	KCA	TO15
Ethanol	13.9	0.531	26.2	1.00	01/29/13	KCA	TO15 1
Ethyl acetate	ND	0.278	ND	1.00	01/29/13	KCA	TO15 1
Ethylbenzene	ND	0.230	ND	1.00	01/29/13	KCA	TO15
Heptane	0.3	0.244	1.23	1.00	01/29/13	KCA	TO15
Hexachlorobutadiene	ND	0.094	ND	1.00	01/29/13	KCA	TO15
Hexane	0.62	0.284	2.18	1.00	01/29/13	KCA	TO15
Isopropylalcohol	1.23	0.407	3.02	1.00	01/29/13	KCA	TO15
Isopropylbenzene	ND	0.204	ND	1.00	01/29/13	KCA	TO15
m,p-Xylene	0.64	0.230	2.78	1.00	01/29/13	KCA	TO15
Methyl Ethyl Ketone	1.72	0.339	5.07	1.00	01/29/13	KCA	TO15
Methyl tert-butyl ether(MTBE)	ND	0.278	ND	1.00	01/29/13	KCA	TO15
Methylene Chloride	9.13	0.288	31.7	1.00	01/29/13	KCA	TO15
n-Butylbenzene	ND	0.182	ND	1.00	01/29/13	KCA	TO15 1
o-Xylene	0.25	0.230	1.08	1.00	01/29/13	KCA	TO15
Propylene	ND	0.581	ND	1.00	01/29/13	KCA	TO15 1
sec-Butylbenzene	ND	0.182	ND	1.00	01/29/13	KCA	TO15 1
Styrene	ND	0.235	ND	1.00	01/29/13	KCA	TO15
Tetrachloroethene	2.54	0.037	17.2	0.25	01/29/13	KCA	TO15
Tetrahydrofuran	7.34	0.339	21.6	1.00	01/29/13	KCA	TO15 1
Toluene	2.63	0.266	9.90	1.00	01/29/13	KCA	TO15
Trans-1,2-Dichloroethene	ND	0.252	ND	1.00	01/29/13	KCA	TO15
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	01/29/13	KCA	TO15
Trichloroethene	ND	0.047	ND	0.25	01/29/13	KCA	TO15
Trichlorofluoromethane	0.5	0.178	2.81	1.00	01/29/13	KCA	TO15
Trichlorotrifluoroethane	ND	0.130	ND	1.00	01/29/13	KCA	TO15
Vinyl Chloride	ND	0.098	ND	0.25	01/29/13	KCA	TO15
<u>QA/QC Surrogates</u>							
% Bromofluorobenzene	105	%	105	%	01/29/13	KCA	TO15

Client ID: SG 3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference
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1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

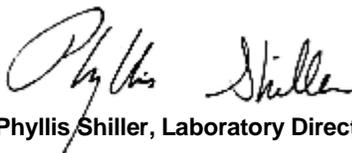
RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.



Phyllis Shiller, Laboratory Director

February 04, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



QA/QC Report

February 04, 2013

QA/QC Data

SDG I.D.: GBD24333

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 220380, QC Sample No: BD24326 (BD24333, BD24334, BD24335)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	82	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	87	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	85	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
1,3-Butadiene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
4-Isopropyltoluene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	100	55.3	54.4	23.3	22.9	1.7	70 - 130	20
Acrylonitrile	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	108	1.37	1.34	0.43	0.42	2.4	70 - 130	20
Benzyl chloride	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	83	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	89	5.51	5.38	1.77	1.73	2.3	70 - 130	20
Carbon Tetrachloride	ND	ND	98	0.314	0.314	0.05	0.05	0.0	70 - 130	20
Chlorobenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	116	ND	ND	ND	ND	NC	70 - 130	20
Dibromochloromethane	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	97	2.42	2.37	0.49	0.48	2.1	70 - 130	20
Ethanol	ND	ND	109	20.0	18.4	10.6	9.8	7.8	70 - 130	20

QA/QC Data

SDG I.D.: GBD24333

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	ND	103	2.88	2.77	0.8	0.77	3.8	70 - 130	20
Ethylbenzene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
Heptane	ND	ND	88	1.19	1.10	0.29	0.27	7.1	70 - 130	20
Hexachlorobutadiene	ND	ND	75	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	107	ND	1.76	ND	0.5	NC	70 - 130	20
Isopropylalcohol	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
Isopropylbenzene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	104	2.86	2.86	0.66	0.66	0.0	70 - 130	20
Methyl Ethyl Ketone	ND	ND	96	1.27	1.24	0.43	0.42	2.4	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	103	20.4	20.0	5.67	5.54	2.3	70 - 130	20
Methylene Chloride	ND	ND	90	3.85	3.85	1.11	1.11	0.0	70 - 130	20
n-Butylbenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Propylene	ND	ND	110	ND	ND	ND	ND	NC	70 - 130	20
sec-Butylbenzene	ND	ND	106	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	88	11.3	10.6	1.67	1.57	6.2	70 - 130	20
Tetrahydrofuran	ND	ND	126	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	93	7.42	7.12	1.97	1.89	4.1	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	84	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Trichlorofluoromethane	ND	ND	92	1.29	1.24	0.23	0.22	4.4	70 - 130	20
Trichlorotrifluoroethane	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	102	102	98	104	103	104	103	1.0	70 - 130	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director
February 04, 2013

Monday, February 04, 2013

Requested Criteria: None

State: NY

Sample Criteria Exceedences Report

Page 1 of 1

GBD24333 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this 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.



Thursday, January 31, 2013

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 221 MIDDLETON ST.
Sample ID#s: BD21826 - BD21834

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink that reads "Phyllis Shiller". The signature is written in a cursive style.

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



SDG Comments

January 31, 2013

SDG I.D.: GBD21826

BD21831 - Client provided soil jar for volatile analysis. Phoenix prepared sample per method 5035.



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 January 31, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 01/18/13 0:00
 01/21/13 15:34

Laboratory Data

SDG ID: GBD21826
 Phoenix ID: BD21826

Project ID: 221 MIDDLETON ST.
 Client ID: B4 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	01/22/13	EK	SW6010
Aluminum	6560	52	mg/Kg	01/22/13	EK	SW6010
Arsenic	6.1	0.7	mg/Kg	01/22/13	EK	SW6010
Barium	93.9	0.35	mg/Kg	01/22/13	EK	SW6010
Beryllium	0.41	0.28	mg/Kg	01/22/13	EK	SW6010
Calcium	7280	52	mg/Kg	01/22/13	EK	SW6010
Cadmium	0.46	0.35	mg/Kg	01/22/13	EK	SW6010
Cobalt	5.37	0.35	mg/Kg	01/22/13	EK	SW6010
Chromium	15.5	0.35	mg/Kg	01/22/13	EK	SW6010
Copper	69.5	0.35	mg/kg	01/22/13	EK	SW6010
Iron	17100	52	mg/Kg	01/22/13	EK	SW6010
Mercury	2.33	0.08	mg/Kg	01/22/13	RS	SW-7471
Potassium	899	5.2	mg/Kg	01/22/13	LK	SW6010
Magnesium	1840	52	mg/Kg	01/22/13	EK	SW6010
Manganese	382	3.5	mg/Kg	01/22/13	EK	SW6010
Sodium	132	5.2	mg/Kg	01/22/13	EK	SW6010
Nickel	12.0	0.35	mg/Kg	01/22/13	EK	SW6010
Lead	194	3.5	mg/Kg	01/22/13	EK	SW6010
Antimony	< 3.5	3.5	mg/Kg	01/22/13	EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	01/22/13	EK	SW6010
Thallium	< 0.6	0.6	mg/Kg	01/22/13	EK	SW6010
Vanadium	21.9	0.35	mg/Kg	01/22/13	EK	SW6010
Zinc	213	3.5	mg/Kg	01/22/13	EK	SW6010
Percent Solid	89		%	01/21/13	JL	E160.3
Total Cyanide	< 0.51	0.51	mg/Kg	01/21/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			01/21/13	PB/V	SW3545
Soil Extraction for Pesticide	Completed			01/21/13	PB	SW3545
Soil Extraction for SVOA	Completed			01/21/13	PJ/V	SW3545

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury Digestion	Completed			01/22/13	X/X	SW7471
Total Metals Digest	Completed			01/21/13	AG	SW846 - 3050
Field Extraction	Completed			01/18/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	74	ug/Kg	01/22/13	MH	SW 8082
PCB-1221	ND	74	ug/Kg	01/22/13	MH	SW 8082
PCB-1232	ND	74	ug/Kg	01/22/13	MH	SW 8082
PCB-1242	ND	74	ug/Kg	01/22/13	MH	SW 8082
PCB-1248	ND	74	ug/Kg	01/22/13	MH	SW 8082
PCB-1254	ND	74	ug/Kg	01/22/13	MH	SW 8082
PCB-1260	ND	74	ug/Kg	01/22/13	MH	SW 8082
PCB-1262	ND	74	ug/Kg	01/22/13	MH	SW 8082
PCB-1268	ND	74	ug/Kg	01/22/13	MH	SW 8082

QA/QC Surrogates

% DCBP	74		%	01/22/13	MH	30 - 150 %
% TCMX	70		%	01/22/13	MH	30 - 150 %

Pesticides

4,4' -DDD	ND	2.2	ug/Kg	01/23/13	MH	SW8081
4,4' -DDE	ND	2.2	ug/Kg	01/23/13	MH	SW8081
4,4' -DDT	ND	2.2	ug/Kg	01/23/13	MH	SW8081
a-BHC	ND	3.6	ug/Kg	01/23/13	MH	SW8081
Alachlor	ND	3.6	ug/Kg	01/23/13	MH	SW8081
Aldrin	ND	1.1	ug/Kg	01/23/13	MH	SW8081
b-BHC	ND	3.6	ug/Kg	01/23/13	MH	SW8081
Chlordane	ND	11	ug/Kg	01/23/13	MH	SW8081
d-BHC	ND	3.6	ug/Kg	01/23/13	MH	SW8081
Dieldrin	ND	1.1	ug/Kg	01/23/13	MH	SW8081
Endosulfan I	ND	3.6	ug/Kg	01/23/13	MH	SW8081
Endosulfan II	ND	7.1	ug/Kg	01/23/13	MH	SW8081
Endosulfan sulfate	ND	7.1	ug/Kg	01/23/13	MH	SW8081
Endrin	ND	7.1	ug/Kg	01/23/13	MH	SW8081
Endrin aldehyde	ND	7.1	ug/Kg	01/23/13	MH	SW8081
Endrin ketone	ND	7.1	ug/Kg	01/23/13	MH	SW8081
g-BHC	ND	1.1	ug/Kg	01/23/13	MH	SW8081
Heptachlor	ND	2.2	ug/Kg	01/23/13	MH	SW8081
Heptachlor epoxide	ND	3.6	ug/Kg	01/23/13	MH	SW8081
Methoxychlor	ND	36	ug/Kg	01/23/13	MH	SW8081
Toxaphene	ND	36	ug/Kg	01/23/13	MH	SW8081

QA/QC Surrogates

% DCBP	62		%	01/23/13	MH	30 - 150 %
% TCMX	54		%	01/23/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
Acetone	ND	56	ug/Kg	01/22/13	H/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Benzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Carbon Disulfide	ND	10	ug/Kg	01/22/13	H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/22/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Styrene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Toluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/22/13	H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	99		%	01/22/13	H/J	70 - 130 %
% Bromofluorobenzene	88		%	01/22/13	H/J	70 - 130 %
% Dibromofluoromethane	95		%	01/22/13	H/J	70 - 130 %
% Toluene-d8	97		%	01/22/13	H/J	70 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	01/21/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	01/21/13	DD	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	01/21/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	370	ug/Kg	01/21/13	DD	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	01/21/13	DD	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	01/21/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	01/21/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	01/21/13	DD	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	01/21/13	DD	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrophenol	ND	600	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	01/21/13	DD	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	01/21/13	DD	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	01/21/13	DD	SW 8270
2-Chlorophenol	ND	260	ug/Kg	01/21/13	DD	SW 8270
2-Methylnaphthalene	840	260	ug/Kg	01/21/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	01/21/13	DD	SW 8270
2-Nitroaniline	ND	600	ug/Kg	01/21/13	DD	SW 8270
2-Nitrophenol	ND	260	ug/Kg	01/21/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	01/21/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	260	ug/Kg	01/21/13	DD	SW 8270
3-Nitroaniline	ND	600	ug/Kg	01/21/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/21/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	01/21/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	01/21/13	DD	SW 8270
4-Chloroaniline	ND	260	ug/Kg	01/21/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	01/21/13	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	600	ug/Kg	01/21/13	DD	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	01/21/13	DD	SW 8270
Acenaphthene	1400	260	ug/Kg	01/21/13	DD	SW 8270
Acenaphthylene	370	260	ug/Kg	01/21/13	DD	SW 8270
Acetophenone	ND	260	ug/Kg	01/21/13	DD	SW 8270
Aniline	ND	1100	ug/Kg	01/21/13	DD	SW 8270
Anthracene	4200	260	ug/Kg	01/21/13	DD	SW 8270
Benz(a)anthracene	9100	260	ug/Kg	01/21/13	DD	SW 8270
Benzidine	ND	450	ug/Kg	01/21/13	DD	SW 8270
Benzo(a)pyrene	6600	260	ug/Kg	01/21/13	DD	SW 8270
Benzo(b)fluoranthene	8700	260	ug/Kg	01/21/13	DD	SW 8270
Benzo(ghi)perylene	3900	260	ug/Kg	01/21/13	DD	SW 8270
Benzo(k)fluoranthene	3400	260	ug/Kg	01/21/13	DD	SW 8270
Benzoic acid	ND	1100	ug/Kg	01/21/13	DD	SW 8270
Benzyl butyl phthalate	ND	260	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	370	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	01/21/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	01/21/13	DD	SW 8270
Carbazole	4500	560	ug/Kg	01/21/13	DD	SW 8270
Chrysene	8500	260	ug/Kg	01/21/13	DD	SW 8270
Dibenz(a,h)anthracene	1300	260	ug/Kg	01/21/13	DD	SW 8270
Dibenzofuran	1200	260	ug/Kg	01/21/13	DD	SW 8270
Diethyl phthalate	ND	260	ug/Kg	01/21/13	DD	SW 8270
Dimethylphthalate	ND	260	ug/Kg	01/21/13	DD	SW 8270
Di-n-butylphthalate	ND	260	ug/Kg	01/21/13	DD	SW 8270
Di-n-octylphthalate	ND	260	ug/Kg	01/21/13	DD	SW 8270
Fluoranthene	18000	260	ug/Kg	01/21/13	DD	SW 8270
Fluorene	1100	260	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobenzene	ND	260	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobutadiene	ND	260	ug/Kg	01/21/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	260	ug/Kg	01/21/13	DD	SW 8270
Hexachloroethane	ND	260	ug/Kg	01/21/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	3500	260	ug/Kg	01/21/13	DD	SW 8270
Isophorone	ND	260	ug/Kg	01/21/13	DD	SW 8270
Naphthalene	2200	260	ug/Kg	01/21/13	DD	SW 8270
Nitrobenzene	ND	260	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodimethylamine	ND	370	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	370	ug/Kg	01/21/13	DD	SW 8270
Pentachloronitrobenzene	ND	370	ug/Kg	01/21/13	DD	SW 8270
Pentachlorophenol	ND	370	ug/Kg	01/21/13	DD	SW 8270
Phenanthrene	16000	260	ug/Kg	01/21/13	DD	SW 8270
Phenol	ND	260	ug/Kg	01/21/13	DD	SW 8270
Pyrene	16000	260	ug/Kg	01/21/13	DD	SW 8270
Pyridine	ND	370	ug/Kg	01/21/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	103		%	01/21/13	DD	30 - 130 %
% 2-Fluorobiphenyl	90		%	01/21/13	DD	30 - 130 %
% 2-Fluorophenol	82		%	01/21/13	DD	30 - 130 %

10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	83		%	01/21/13	DD	30 - 130 %
% Phenol-d5	83		%	01/21/13	DD	30 - 130 %
% Terphenyl-d14	131		%	01/21/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

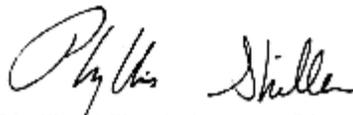
Comments:

* The surrogate failed method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

January 31, 2013

Reviewed and Released by: Johanna Harrington, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 31, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 01/18/13 0:00
 01/21/13 15:34

Laboratory Data

SDG ID: GBD21826
 Phoenix ID: BD21827

Project ID: 221 MIDDLETON ST.
 Client ID: B4 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	01/22/13	EK	SW6010
Aluminum	7140	57	mg/Kg	01/22/13	EK	SW6010
Arsenic	4.8	0.8	mg/Kg	01/22/13	EK	SW6010
Barium	94.4	0.38	mg/Kg	01/22/13	EK	SW6010
Beryllium	0.45	0.31	mg/Kg	01/22/13	EK	SW6010
Calcium	8630	57	mg/Kg	01/22/13	EK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	01/22/13	EK	SW6010
Cobalt	4.22	0.38	mg/Kg	01/22/13	EK	SW6010
Chromium	19.1	0.38	mg/Kg	01/22/13	EK	SW6010
Copper	33.0	0.38	mg/kg	01/22/13	EK	SW6010
Iron	27300	57	mg/Kg	01/22/13	EK	SW6010
Mercury	1.07	0.08	mg/Kg	01/22/13	RS	SW-7471
Potassium	937	5.7	mg/Kg	01/22/13	LK	SW6010
Magnesium	1640	57	mg/Kg	01/22/13	EK	SW6010
Manganese	366	3.8	mg/Kg	01/22/13	EK	SW6010
Sodium	128	5.7	mg/Kg	01/22/13	EK	SW6010
Nickel	12.3	0.38	mg/Kg	01/22/13	EK	SW6010
Lead	134	3.8	mg/Kg	01/22/13	EK	SW6010
Antimony	< 3.8	3.8	mg/Kg	01/22/13	EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	01/22/13	EK	SW6010
Thallium	< 0.6	0.6	mg/Kg	01/22/13	EK	SW6010
Vanadium	25.4	0.38	mg/Kg	01/22/13	EK	SW6010
Zinc	85.9	0.38	mg/Kg	01/22/13	EK	SW6010
Percent Solid	85		%	01/21/13	JL	E160.3
Total Cyanide	< 0.59	0.59	mg/Kg	01/21/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			01/21/13	PB/V	SW3545
Soil Extraction for Pesticide	Completed			01/21/13	PB	SW3545
Soil Extraction for SVOA	Completed			01/21/13	PJ/V	SW3545

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury Digestion	Completed			01/22/13	X/X	SW7471
Total Metals Digest	Completed			01/21/13	AG	SW846 - 3050
Field Extraction	Completed			01/18/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	78	ug/Kg	01/22/13	MH	SW 8082
PCB-1221	ND	78	ug/Kg	01/22/13	MH	SW 8082
PCB-1232	ND	78	ug/Kg	01/22/13	MH	SW 8082
PCB-1242	ND	78	ug/Kg	01/22/13	MH	SW 8082
PCB-1248	ND	78	ug/Kg	01/22/13	MH	SW 8082
PCB-1254	ND	78	ug/Kg	01/22/13	MH	SW 8082
PCB-1260	ND	78	ug/Kg	01/22/13	MH	SW 8082
PCB-1262	ND	78	ug/Kg	01/22/13	MH	SW 8082
PCB-1268	ND	78	ug/Kg	01/22/13	MH	SW 8082

QA/QC Surrogates

% DCBP	81		%	01/22/13	MH	30 - 150 %
% TCMX	77		%	01/22/13	MH	30 - 150 %

Pesticides

4,4' -DDD	ND	2.3	ug/Kg	01/23/13	MH	SW8081
4,4' -DDE	ND	2.3	ug/Kg	01/23/13	MH	SW8081
4,4' -DDT	ND	2.3	ug/Kg	01/23/13	MH	SW8081
a-BHC	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Alachlor	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Aldrin	ND	1.2	ug/Kg	01/23/13	MH	SW8081
b-BHC	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Chlordane	ND	12	ug/Kg	01/23/13	MH	SW8081
d-BHC	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Dieldrin	ND	1.2	ug/Kg	01/23/13	MH	SW8081
Endosulfan I	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Endosulfan II	ND	7.5	ug/Kg	01/23/13	MH	SW8081
Endosulfan sulfate	ND	7.5	ug/Kg	01/23/13	MH	SW8081
Endrin	ND	7.5	ug/Kg	01/23/13	MH	SW8081
Endrin aldehyde	ND	7.5	ug/Kg	01/23/13	MH	SW8081
Endrin ketone	ND	7.5	ug/Kg	01/23/13	MH	SW8081
g-BHC	ND	1.2	ug/Kg	01/23/13	MH	SW8081
Heptachlor	ND	2.3	ug/Kg	01/23/13	MH	SW8081
Heptachlor epoxide	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Methoxychlor	ND	37	ug/Kg	01/23/13	MH	SW8081
Toxaphene	ND	37	ug/Kg	01/23/13	MH	SW8081

QA/QC Surrogates

% DCBP	63		%	01/23/13	MH	30 - 150 %
% TCMX	55		%	01/23/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
Acetone	ND	56	ug/Kg	01/22/13	H/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Benzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Carbon Disulfide	ND	10	ug/Kg	01/22/13	H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/22/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Styrene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Toluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/22/13	H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	99		%	01/22/13	H/J	70 - 130 %
% Bromofluorobenzene	83		%	01/22/13	H/J	70 - 130 %
% Dibromofluoromethane	96		%	01/22/13	H/J	70 - 130 %
% Toluene-d8	95		%	01/22/13	H/J	70 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/21/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/21/13	DD	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	01/21/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	390	ug/Kg	01/21/13	DD	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	01/21/13	DD	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	01/21/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/21/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/21/13	DD	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	01/21/13	DD	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrophenol	ND	620	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	01/21/13	DD	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	01/21/13	DD	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	01/21/13	DD	SW 8270
2-Chlorophenol	ND	270	ug/Kg	01/21/13	DD	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	01/21/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/21/13	DD	SW 8270
2-Nitroaniline	ND	620	ug/Kg	01/21/13	DD	SW 8270
2-Nitrophenol	ND	270	ug/Kg	01/21/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	01/21/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/21/13	DD	SW 8270
3-Nitroaniline	ND	620	ug/Kg	01/21/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/21/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	390	ug/Kg	01/21/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/21/13	DD	SW 8270
4-Chloroaniline	ND	270	ug/Kg	01/21/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/21/13	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	620	ug/Kg	01/21/13	DD	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	01/21/13	DD	SW 8270
Acenaphthene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Acetophenone	ND	270	ug/Kg	01/21/13	DD	SW 8270
Aniline	ND	1100	ug/Kg	01/21/13	DD	SW 8270
Anthracene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Benz(a)anthracene	550	270	ug/Kg	01/21/13	DD	SW 8270
Benzidine	ND	460	ug/Kg	01/21/13	DD	SW 8270
Benzo(a)pyrene	460	270	ug/Kg	01/21/13	DD	SW 8270
Benzo(b)fluoranthene	610	270	ug/Kg	01/21/13	DD	SW 8270
Benzo(ghi)perylene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Benzo(k)fluoranthene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Benzoic acid	ND	1100	ug/Kg	01/21/13	DD	SW 8270
Benzyl butyl phthalate	3000	270	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	390	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/21/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/21/13	DD	SW 8270
Carbazole	ND	580	ug/Kg	01/21/13	DD	SW 8270
Chrysene	510	270	ug/Kg	01/21/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Dibenzofuran	ND	270	ug/Kg	01/21/13	DD	SW 8270
Diethyl phthalate	ND	270	ug/Kg	01/21/13	DD	SW 8270
Dimethylphthalate	ND	270	ug/Kg	01/21/13	DD	SW 8270
Di-n-butylphthalate	ND	270	ug/Kg	01/21/13	DD	SW 8270
Di-n-octylphthalate	ND	270	ug/Kg	01/21/13	DD	SW 8270
Fluoranthene	1200	270	ug/Kg	01/21/13	DD	SW 8270
Fluorene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobenzene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobutadiene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Hexachloroethane	ND	270	ug/Kg	01/21/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Isophorone	ND	270	ug/Kg	01/21/13	DD	SW 8270
Naphthalene	ND	270	ug/Kg	01/21/13	DD	SW 8270
Nitrobenzene	ND	270	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodimethylamine	ND	390	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	390	ug/Kg	01/21/13	DD	SW 8270
Pentachloronitrobenzene	ND	390	ug/Kg	01/21/13	DD	SW 8270
Pentachlorophenol	ND	390	ug/Kg	01/21/13	DD	SW 8270
Phenanthrene	870	270	ug/Kg	01/21/13	DD	SW 8270
Phenol	ND	270	ug/Kg	01/21/13	DD	SW 8270
Pyrene	1200	270	ug/Kg	01/21/13	DD	SW 8270
Pyridine	ND	390	ug/Kg	01/21/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	86		%	01/21/13	DD	30 - 130 %
% 2-Fluorobiphenyl	44		%	01/21/13	DD	30 - 130 %
% 2-Fluorophenol	87		%	01/21/13	DD	30 - 130 %

10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	50		%	01/21/13	DD	30 - 130 %
% Phenol-d5	85		%	01/21/13	DD	30 - 130 %
% Terphenyl-d14	115		%	01/21/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

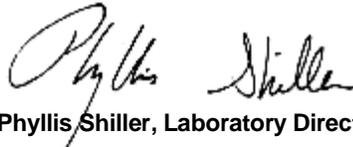
BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

January 31, 2013

Reviewed and Released by: Johanna Harrington, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 31, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 01/18/13 0:00
 01/21/13 15:34

Laboratory Data

SDG ID: GBD21826
 Phoenix ID: BD21828

Project ID: 221 MIDDLETON ST.
 Client ID: B3 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	01/22/13	EK	SW6010
Aluminum	6280	57	mg/Kg	01/22/13	EK	SW6010
Arsenic	8.6	0.8	mg/Kg	01/22/13	EK	SW6010
Barium	154	0.38	mg/Kg	01/22/13	EK	SW6010
Beryllium	0.34	0.31	mg/Kg	01/22/13	EK	SW6010
Calcium	33200	57	mg/Kg	01/22/13	EK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	01/22/13	EK	SW6010
Cobalt	3.28	0.38	mg/Kg	01/22/13	EK	SW6010
Chromium	11.1	0.38	mg/Kg	01/22/13	EK	SW6010
Copper	26.9	0.38	mg/kg	01/22/13	EK	SW6010
Iron	11600	57	mg/Kg	01/22/13	EK	SW6010
Mercury	1.30	0.08	mg/Kg	01/22/13	RS	SW-7471
Potassium	1390	5.7	mg/Kg	01/22/13	LK	SW6010
Magnesium	5620	57	mg/Kg	01/22/13	EK	SW6010
Manganese	204	3.8	mg/Kg	01/22/13	EK	SW6010
Sodium	498	5.7	mg/Kg	01/22/13	EK	SW6010
Nickel	8.22	0.38	mg/Kg	01/22/13	EK	SW6010
Lead	476	3.8	mg/Kg	01/22/13	EK	SW6010
Antimony	< 3.8	3.8	mg/Kg	01/22/13	EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	01/22/13	EK	SW6010
Thallium	< 0.6	0.6	mg/Kg	01/22/13	EK	SW6010
Vanadium	17.6	0.38	mg/Kg	01/22/13	EK	SW6010
Zinc	113	3.8	mg/Kg	01/22/13	EK	SW6010
Percent Solid	92		%	01/21/13	JL	E160.3
Total Cyanide	< 0.54	0.54	mg/Kg	01/21/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			01/24/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed			01/24/13	BB	SW3545
Soil Extraction for SVOA	Completed			01/21/13	PJ/V	SW3545

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury Digestion	Completed			01/22/13	X/X	SW7471
Total Metals Digest	Completed			01/21/13	AG	SW846 - 3050
Field Extraction	Completed			01/18/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	360	ug/Kg	01/25/13	AW	SW 8082
PCB-1221	ND	360	ug/Kg	01/25/13	AW	SW 8082
PCB-1232	ND	360	ug/Kg	01/25/13	AW	SW 8082
PCB-1242	ND	360	ug/Kg	01/25/13	AW	SW 8082
PCB-1248	ND	360	ug/Kg	01/25/13	AW	SW 8082
PCB-1254	ND	360	ug/Kg	01/25/13	AW	SW 8082
PCB-1260	ND	360	ug/Kg	01/25/13	AW	SW 8082
PCB-1262	ND	360	ug/Kg	01/25/13	AW	SW 8082
PCB-1268	ND	360	ug/Kg	01/25/13	AW	SW 8082

QA/QC Surrogates

% DCBP	62		%	01/25/13	AW	30 - 150 %
% TCMX	82		%	01/25/13	AW	30 - 150 %

Pesticides

4,4' -DDD	ND*	11	ug/Kg	01/23/13	MH	SW8081
4,4' -DDE	ND*	11	ug/Kg	01/23/13	MH	SW8081
4,4' -DDT	ND*	11	ug/Kg	01/23/13	MH	SW8081
a-BHC	ND	17	ug/Kg	01/23/13	MH	SW8081
Alachlor	ND*	17	ug/Kg	01/23/13	MH	SW8081
Aldrin	ND*	5.4	ug/Kg	01/23/13	MH	SW8081
b-BHC	ND	17	ug/Kg	01/23/13	MH	SW8081
Chlordane	980	54	ug/Kg	01/23/13	MH	SW8081
d-BHC	ND*	17	ug/Kg	01/23/13	MH	SW8081
Dieldrin	ND*	5.4	ug/Kg	01/23/13	MH	SW8081
Endosulfan I	ND*	17	ug/Kg	01/23/13	MH	SW8081
Endosulfan II	ND*	34	ug/Kg	01/23/13	MH	SW8081
Endosulfan sulfate	ND*	34	ug/Kg	01/23/13	MH	SW8081
Endrin	ND*	34	ug/Kg	01/23/13	MH	SW8081
Endrin aldehyde	ND*	34	ug/Kg	01/23/13	MH	SW8081
Endrin ketone	ND*	34	ug/Kg	01/23/13	MH	SW8081
g-BHC	ND	5.4	ug/Kg	01/23/13	MH	SW8081
Heptachlor	ND*	11	ug/Kg	01/23/13	MH	SW8081
Heptachlor epoxide	ND*	17	ug/Kg	01/23/13	MH	SW8081
Methoxychlor	ND*	170	ug/Kg	01/23/13	MH	SW8081
Toxaphene	ND*	170	ug/Kg	01/23/13	MH	SW8081

QA/QC Surrogates

% DCBP	31		%	01/23/13	MH	30 - 150 %
% TCMX	31		%	01/23/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
Acetone	ND	56	ug/Kg	01/22/13	H/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Benzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Carbon Disulfide	ND	10	ug/Kg	01/22/13	H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/22/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Styrene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Toluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/22/13	H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	101		%	01/22/13	H/J	70 - 130 %
% Bromofluorobenzene	92		%	01/22/13	H/J	70 - 130 %
% Dibromofluoromethane	106		%	01/22/13	H/J	70 - 130 %
% Toluene-d8	98		%	01/22/13	H/J	70 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	350	ug/Kg	01/21/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Chlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Nitroaniline	ND	570	ug/Kg	01/21/13	DD	SW 8270
2-Nitrophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	350	ug/Kg	01/21/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	01/21/13	DD	SW 8270
3-Nitroaniline	ND	570	ug/Kg	01/21/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	01/21/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	350	ug/Kg	01/21/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
4-Chloroaniline	ND	250	ug/Kg	01/21/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	01/21/13	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	570	ug/Kg	01/21/13	DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	01/21/13	DD	SW 8270
Acenaphthene	400	250	ug/Kg	01/21/13	DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Acetophenone	ND	250	ug/Kg	01/21/13	DD	SW 8270
Aniline	ND	1000	ug/Kg	01/21/13	DD	SW 8270
Anthracene	1400	250	ug/Kg	01/21/13	DD	SW 8270
Benz(a)anthracene	3300	250	ug/Kg	01/21/13	DD	SW 8270
Benzidine	ND	420	ug/Kg	01/21/13	DD	SW 8270
Benzo(a)pyrene	3300	250	ug/Kg	01/21/13	DD	SW 8270
Benzo(b)fluoranthene	4100	250	ug/Kg	01/21/13	DD	SW 8270
Benzo(ghi)perylene	2200	250	ug/Kg	01/21/13	DD	SW 8270
Benzo(k)fluoranthene	1300	250	ug/Kg	01/21/13	DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	01/21/13	DD	SW 8270
Benzyl butyl phthalate	300	250	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	350	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	01/21/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Carbazole	910	530	ug/Kg	01/21/13	DD	SW 8270
Chrysene	3100	250	ug/Kg	01/21/13	DD	SW 8270
Dibenz(a,h)anthracene	520	250	ug/Kg	01/21/13	DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	01/21/13	DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Fluoranthene	7500	250	ug/Kg	01/21/13	DD	SW 8270
Fluorene	320	250	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	01/21/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1900	250	ug/Kg	01/21/13	DD	SW 8270
Isophorone	ND	250	ug/Kg	01/21/13	DD	SW 8270
Naphthalene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodimethylamine	ND	350	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	350	ug/Kg	01/21/13	DD	SW 8270
Pentachloronitrobenzene	ND	350	ug/Kg	01/21/13	DD	SW 8270
Pentachlorophenol	ND	350	ug/Kg	01/21/13	DD	SW 8270
Phenanthrene	5600	250	ug/Kg	01/21/13	DD	SW 8270
Phenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
Pyrene	6400	250	ug/Kg	01/21/13	DD	SW 8270
Pyridine	ND	350	ug/Kg	01/21/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	100		%	01/21/13	DD	30 - 130 %
% 2-Fluorobiphenyl	104		%	01/21/13	DD	30 - 130 %
% 2-Fluorophenol	89		%	01/21/13	DD	30 - 130 %

10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	86		%	01/21/13	DD	30 - 130 %
% Phenol-d5	86		%	01/21/13	DD	30 - 130 %
% Terphenyl-d14	147		%	01/21/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

* The surrogate failed method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria.

* For Pesticides, due to matrix interference from chlordane in the sample an elevated RL was reported.

*Due to the presence of what appears to be Chlordane in the sample which co-elutes with the PCBs, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

January 31, 2013

Reviewed and Released by: Johanna Harrington, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 31, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 01/18/13 0:00
 01/21/13 15:34

Laboratory Data

SDG ID: GBD21826
 Phoenix ID: BD21829

Project ID: 221 MIDDLETON ST.
 Client ID: B3 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	01/22/13	EK	SW6010
Aluminum	7600	56	mg/Kg	01/22/13	EK	SW6010
Arsenic	17.0	0.7	mg/Kg	01/22/13	EK	SW6010
Barium	133	0.37	mg/Kg	01/22/13	EK	SW6010
Beryllium	0.38	0.30	mg/Kg	01/22/13	EK	SW6010
Calcium	25100	56	mg/Kg	01/22/13	EK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	01/22/13	EK	SW6010
Cobalt	3.91	0.37	mg/Kg	01/22/13	EK	SW6010
Chromium	14.0	0.37	mg/Kg	01/22/13	EK	SW6010
Copper	31.8	0.37	mg/kg	01/22/13	EK	SW6010
Iron	15700	56	mg/Kg	01/22/13	EK	SW6010
Mercury	0.60	0.07	mg/Kg	01/22/13	RS	SW-7471
Potassium	1350	5.6	mg/Kg	01/22/13	LK	SW6010
Magnesium	4290	56	mg/Kg	01/22/13	EK	SW6010
Manganese	232	3.7	mg/Kg	01/22/13	EK	SW6010
Sodium	601	5.6	mg/Kg	01/22/13	EK	SW6010
Nickel	9.83	0.37	mg/Kg	01/22/13	EK	SW6010
Lead	552	3.7	mg/Kg	01/22/13	EK	SW6010
Antimony	< 3.7	3.7	mg/Kg	01/22/13	EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	01/22/13	EK	SW6010
Thallium	< 0.6	0.6	mg/Kg	01/22/13	EK	SW6010
Vanadium	18.5	0.37	mg/Kg	01/22/13	EK	SW6010
Zinc	121	3.7	mg/Kg	01/22/13	EK	SW6010
Percent Solid	90		%	01/21/13	JL	E160.3
Total Cyanide	0.66	0.56	mg/Kg	01/21/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			01/21/13	PB/V	SW3545
Soil Extraction for Pesticide	Completed			01/21/13	PB	SW3545
Soil Extraction for SVOA	Completed			01/21/13	PJ/V	SW3545

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury Digestion	Completed			01/22/13	X/X	SW7471
Total Metals Digest	Completed			01/21/13	AG	SW846 - 3050
Field Extraction	Completed			01/18/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	180	ug/Kg	01/24/13	AW	SW 8082
PCB-1221	ND	180	ug/Kg	01/24/13	AW	SW 8082
PCB-1232	ND	180	ug/Kg	01/24/13	AW	SW 8082
PCB-1242	ND	180	ug/Kg	01/24/13	AW	SW 8082
PCB-1248	ND	180	ug/Kg	01/24/13	AW	SW 8082
PCB-1254	ND	180	ug/Kg	01/24/13	AW	SW 8082
PCB-1260	ND	180	ug/Kg	01/24/13	AW	SW 8082
PCB-1262	ND	180	ug/Kg	01/24/13	AW	SW 8082
PCB-1268	ND	180	ug/Kg	01/24/13	AW	SW 8082

QA/QC Surrogates

% DCBP	60		%	01/24/13	AW	30 - 150 %
% TCMX	70		%	01/24/13	AW	30 - 150 %

Pesticides

4,4' -DDD	ND*	22	ug/Kg	01/23/13	MH	SW8081
4,4' -DDE	ND*	22	ug/Kg	01/23/13	MH	SW8081
4,4' -DDT	ND*	22	ug/Kg	01/23/13	MH	SW8081
a-BHC	ND*	35	ug/Kg	01/23/13	MH	SW8081
Alachlor	ND*	35	ug/Kg	01/23/13	MH	SW8081
Aldrin	ND*	11	ug/Kg	01/23/13	MH	SW8081
b-BHC	ND*	35	ug/Kg	01/23/13	MH	SW8081
Chlordane	5200	550	ug/Kg	01/23/13	MH	SW8081
d-BHC	ND*	35	ug/Kg	01/23/13	MH	SW8081
Dieldrin	ND*	29	ug/Kg	01/23/13	MH	SW8081
Endosulfan I	ND*	35	ug/Kg	01/23/13	MH	SW8081
Endosulfan II	ND*	70	ug/Kg	01/23/13	MH	SW8081
Endosulfan sulfate	ND*	70	ug/Kg	01/23/13	MH	SW8081
Endrin	ND*	70	ug/Kg	01/23/13	MH	SW8081
Endrin aldehyde	ND*	70	ug/Kg	01/23/13	MH	SW8081
Endrin ketone	ND*	70	ug/Kg	01/23/13	MH	SW8081
g-BHC	ND*	11	ug/Kg	01/23/13	MH	SW8081
Heptachlor	ND*	73	ug/Kg	01/23/13	MH	SW8081
Heptachlor epoxide	ND*	35	ug/Kg	01/23/13	MH	SW8081
Methoxychlor	ND*	350	ug/Kg	01/23/13	MH	SW8081
Toxaphene	ND*	350	ug/Kg	01/23/13	MH	SW8081

QA/QC Surrogates

% DCBP	Diluted Out		%	01/23/13	MH	30 - 150 %
% TCMX	Diluted Out		%	01/23/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
Acetone	ND	56	ug/Kg	01/22/13	H/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Benzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Carbon Disulfide	ND	10	ug/Kg	01/22/13	H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/22/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Naphthalene	8.8	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

1P

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Styrene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Toluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/22/13	H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	96		%	01/22/13	H/J	70 - 130 %
% Bromofluorobenzene	83		%	01/22/13	H/J	70 - 130 %
% Dibromofluoromethane	98		%	01/22/13	H/J	70 - 130 %
% Toluene-d8	94		%	01/22/13	H/J	70 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	360	ug/Kg	01/21/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Chlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Nitroaniline	ND	570	ug/Kg	01/21/13	DD	SW 8270
2-Nitrophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	01/21/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	01/21/13	DD	SW 8270
3-Nitroaniline	ND	570	ug/Kg	01/21/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	01/21/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	01/21/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
4-Chloroaniline	ND	250	ug/Kg	01/21/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	01/21/13	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	570	ug/Kg	01/21/13	DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	01/21/13	DD	SW 8270
Acenaphthene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Acetophenone	ND	250	ug/Kg	01/21/13	DD	SW 8270
Aniline	ND	1000	ug/Kg	01/21/13	DD	SW 8270
Anthracene	880	250	ug/Kg	01/21/13	DD	SW 8270
Benz(a)anthracene	2600	250	ug/Kg	01/21/13	DD	SW 8270
Benzidine	ND	430	ug/Kg	01/21/13	DD	SW 8270
Benzo(a)pyrene	2100	250	ug/Kg	01/21/13	DD	SW 8270
Benzo(b)fluoranthene	2900	250	ug/Kg	01/21/13	DD	SW 8270
Benzo(ghi)perylene	1400	250	ug/Kg	01/21/13	DD	SW 8270
Benzo(k)fluoranthene	1100	250	ug/Kg	01/21/13	DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	01/21/13	DD	SW 8270
Benzyl butyl phthalate	8600	250	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	01/21/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Carbazole	1300	540	ug/Kg	01/21/13	DD	SW 8270
Chrysene	2700	250	ug/Kg	01/21/13	DD	SW 8270
Dibenz(a,h)anthracene	320	250	ug/Kg	01/21/13	DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	01/21/13	DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Fluoranthene	5800	250	ug/Kg	01/21/13	DD	SW 8270
Fluorene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	01/21/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1200	250	ug/Kg	01/21/13	DD	SW 8270
Isophorone	ND	250	ug/Kg	01/21/13	DD	SW 8270
Naphthalene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	01/21/13	DD	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	01/21/13	DD	SW 8270
Pentachlorophenol	ND	360	ug/Kg	01/21/13	DD	SW 8270
Phenanthrene	5800	250	ug/Kg	01/21/13	DD	SW 8270
Phenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
Pyrene	5000	250	ug/Kg	01/21/13	DD	SW 8270
Pyridine	ND	360	ug/Kg	01/21/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	94		%	01/21/13	DD	30 - 130 %
% 2-Fluorobiphenyl	96		%	01/21/13	DD	30 - 130 %
% 2-Fluorophenol	90		%	01/21/13	DD	30 - 130 %

10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	88		%	01/21/13	DD	30 - 130 %
% Phenol-d5	87		%	01/21/13	DD	30 - 130 %
% Terphenyl-d14	139		%	01/21/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
1P = This parameter is pending certification by NY NELAC for this matrix.
1O = This parameter is not certified by NY NELAC for this matrix.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

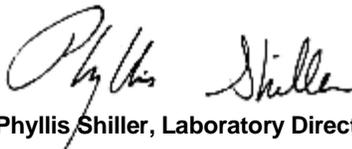
* The surrogate failed method criteria due to sample matrix interference for the semivolatile analysis. The other surrogates associated with this sample were within QA/QC criteria.

*Due to the presence of what appears to be Chlordane in the sample which co-elutes with the PCBs, an elevated RL was reported.

* For Pesticides, due to matrix interference from chlordane in the sample an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

January 31, 2013

Reviewed and Released by: Johanna Harrington, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 31, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 01/18/13 0:00
 01/21/13 15:34

Laboratory Data

SDG ID: GBD21826
 Phoenix ID: BD21830

Project ID: 221 MIDDLETON ST.
 Client ID: B2 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.35	0.35	mg/Kg	01/22/13	EK	SW6010
Aluminum	4550	53	mg/Kg	01/22/13	EK	SW6010
Arsenic	2.7	0.7	mg/Kg	01/22/13	EK	SW6010
Barium	66.6	0.35	mg/Kg	01/22/13	EK	SW6010
Beryllium	0.31	0.28	mg/Kg	01/22/13	EK	SW6010
Calcium	18300	53	mg/Kg	01/22/13	EK	SW6010
Cadmium	< 0.35	0.35	mg/Kg	01/22/13	EK	SW6010
Cobalt	3.45	0.35	mg/Kg	01/22/13	EK	SW6010
Chromium	10.9	0.35	mg/Kg	01/22/13	EK	SW6010
Copper	13.9	0.35	mg/kg	01/22/13	EK	SW6010
Iron	17000	53	mg/Kg	01/22/13	EK	SW6010
Mercury	0.08	0.06	mg/Kg	01/22/13	RS	SW-7471
Potassium	1340	5.3	mg/Kg	01/22/13	LK	SW6010
Magnesium	2170	53	mg/Kg	01/22/13	EK	SW6010
Manganese	364	3.5	mg/Kg	01/22/13	EK	SW6010
Sodium	352	5.3	mg/Kg	01/22/13	EK	SW6010
Nickel	7.26	0.35	mg/Kg	01/22/13	EK	SW6010
Lead	55.5	0.35	mg/Kg	01/22/13	EK	SW6010
Antimony	< 3.5	3.5	mg/Kg	01/22/13	EK	SW6010
Selenium	< 1.4	1.4	mg/Kg	01/22/13	EK	SW6010
Thallium	< 0.6	0.6	mg/Kg	01/22/13	EK	SW6010
Vanadium	20.5	0.35	mg/Kg	01/22/13	EK	SW6010
Zinc	47.2	0.35	mg/Kg	01/22/13	EK	SW6010
Percent Solid	92		%	01/21/13	JL	E160.3
Total Cyanide	< 0.49	0.49	mg/Kg	01/21/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			01/24/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed			01/24/13	BB	SW3545
Soil Extraction for SVOA	Completed			01/21/13	PJ/V	SW3545

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury Digestion	Completed			01/22/13	X/X	SW7471
Total Metals Digest	Completed			01/21/13	AG	SW846 - 3050
Field Extraction	Completed			01/18/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	3600	ug/Kg	01/25/13	AW	SW 8082
PCB-1221	ND	3600	ug/Kg	01/25/13	AW	SW 8082
PCB-1232	ND	3600	ug/Kg	01/25/13	AW	SW 8082
PCB-1242	ND	3600	ug/Kg	01/25/13	AW	SW 8082
PCB-1248	ND	3600	ug/Kg	01/25/13	AW	SW 8082
PCB-1254	ND	3600	ug/Kg	01/25/13	AW	SW 8082
PCB-1260	ND	3600	ug/Kg	01/25/13	AW	SW 8082
PCB-1262	ND	3600	ug/Kg	01/25/13	AW	SW 8082
PCB-1268	ND	3600	ug/Kg	01/25/13	AW	SW 8082

QA/QC Surrogates

% DCBP	Diluted Out		%	01/25/13	AW	30 - 150 %
% TCMX	Diluted Out		%	01/25/13	AW	30 - 150 %

Pesticides

4,4' -DDD	ND*	21	ug/Kg	01/23/13	MH	SW8081
4,4' -DDE	ND*	28	ug/Kg	01/23/13	MH	SW8081
4,4' -DDT	ND*	21	ug/Kg	01/23/13	MH	SW8081
a-BHC	ND*	34	ug/Kg	01/23/13	MH	SW8081
Alachlor	ND*	34	ug/Kg	01/23/13	MH	SW8081
Aldrin	ND*	24	ug/Kg	01/23/13	MH	SW8081
b-BHC	ND*	34	ug/Kg	01/23/13	MH	SW8081
Chlordane	10000	530	ug/Kg	01/23/13	MH	SW8081
d-BHC	ND*	34	ug/Kg	01/23/13	MH	SW8081
Dieldrin	ND*	10	ug/Kg	01/23/13	MH	SW8081
Endosulfan I	ND*	34	ug/Kg	01/23/13	MH	SW8081
Endosulfan II	ND*	67	ug/Kg	01/23/13	MH	SW8081
Endosulfan sulfate	ND*	67	ug/Kg	01/23/13	MH	SW8081
Endrin	ND*	67	ug/Kg	01/23/13	MH	SW8081
Endrin aldehyde	ND*	67	ug/Kg	01/23/13	MH	SW8081
Endrin ketone	ND*	67	ug/Kg	01/23/13	MH	SW8081
g-BHC	ND*	10	ug/Kg	01/23/13	MH	SW8081
Heptachlor	ND*	210	ug/Kg	01/23/13	MH	SW8081
Heptachlor epoxide	ND*	34	ug/Kg	01/23/13	MH	SW8081
Methoxychlor	ND*	340	ug/Kg	01/23/13	MH	SW8081
Toxaphene	ND*	340	ug/Kg	01/23/13	MH	SW8081

QA/QC Surrogates

% DCBP	Diluted Out		%	01/23/13	MH	30 - 150 %
% TCMX	Diluted Out		%	01/23/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/22/13	H/J	SW8260
Acetone	ND	56	ug/Kg	01/22/13	H/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Benzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Carbon Disulfide	ND	10	ug/Kg	01/22/13	H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	01/22/13	H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/22/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260

1P

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1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Styrene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/22/13	H/J	SW8260
Toluene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/22/13	H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/22/13	H/J	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	99		%	01/22/13	H/J	70 - 130 %
% Bromofluorobenzene	87		%	01/22/13	H/J	70 - 130 %
% Dibromofluoromethane	93		%	01/22/13	H/J	70 - 130 %
% Toluene-d8	95		%	01/22/13	H/J	70 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,2-Dichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	360	ug/Kg	01/21/13	DD	SW 8270
1,3-Dichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
1,4-Dichlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4-Dichlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4-Dimethylphenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrophenol	ND	570	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrotoluene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2,6-Dinitrotoluene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Chloronaphthalene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Chlorophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Methylnaphthalene	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	250	ug/Kg	01/21/13	DD	SW 8270
2-Nitroaniline	ND	570	ug/Kg	01/21/13	DD	SW 8270
2-Nitrophenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	01/21/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	250	ug/Kg	01/21/13	DD	SW 8270
3-Nitroaniline	ND	570	ug/Kg	01/21/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	01/21/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	360	ug/Kg	01/21/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
4-Chloroaniline	ND	250	ug/Kg	01/21/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	01/21/13	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	570	ug/Kg	01/21/13	DD	SW 8270
4-Nitrophenol	ND	1000	ug/Kg	01/21/13	DD	SW 8270
Acenaphthene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Acenaphthylene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Acetophenone	ND	250	ug/Kg	01/21/13	DD	SW 8270
Aniline	ND	1000	ug/Kg	01/21/13	DD	SW 8270
Anthracene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Benz(a)anthracene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Benzidine	ND	430	ug/Kg	01/21/13	DD	SW 8270
Benzo(a)pyrene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Benzo(b)fluoranthene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Benzo(ghi)perylene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Benzo(k)fluoranthene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Benzoic acid	ND	1000	ug/Kg	01/21/13	DD	SW 8270
Benzyl butyl phthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	360	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	01/21/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Carbazole	ND	540	ug/Kg	01/21/13	DD	SW 8270
Chrysene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Dibenzofuran	ND	250	ug/Kg	01/21/13	DD	SW 8270
Diethyl phthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Dimethylphthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Di-n-butylphthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Di-n-octylphthalate	ND	250	ug/Kg	01/21/13	DD	SW 8270
Fluoranthene	270	250	ug/Kg	01/21/13	DD	SW 8270
Fluorene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobutadiene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Hexachloroethane	ND	250	ug/Kg	01/21/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Isophorone	ND	250	ug/Kg	01/21/13	DD	SW 8270
Naphthalene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Nitrobenzene	ND	250	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodimethylamine	ND	360	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	360	ug/Kg	01/21/13	DD	SW 8270
Pentachloronitrobenzene	ND	360	ug/Kg	01/21/13	DD	SW 8270
Pentachlorophenol	ND	360	ug/Kg	01/21/13	DD	SW 8270
Phenanthrene	ND	250	ug/Kg	01/21/13	DD	SW 8270
Phenol	ND	250	ug/Kg	01/21/13	DD	SW 8270
Pyrene	260	250	ug/Kg	01/21/13	DD	SW 8270
Pyridine	ND	360	ug/Kg	01/21/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	99		%	01/21/13	DD	30 - 130 %
% 2-Fluorobiphenyl	93		%	01/21/13	DD	30 - 130 %
% 2-Fluorophenol	90		%	01/21/13	DD	30 - 130 %

10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	88		%	01/21/13	DD	30 - 130 %
% Phenol-d5	89		%	01/21/13	DD	30 - 130 %
% Terphenyl-d14	128		%	01/21/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

Comments:

* For Pesticides, due to matrix interference from chlordane in the sample an elevated RL was reported.

*Due to the presence of what appears to be Chlordane in the sample which co-elutes with the PCBs, an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

January 31, 2013

Reviewed and Released by: Johanna Harrington, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 31, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 01/18/13 0:00
 01/21/13 15:34

Laboratory Data

SDG ID: GBD21826
 Phoenix ID: BD21831

Project ID: 221 MIDDLETON ST.
 Client ID: B2 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	01/22/13	EK	SW6010
Aluminum	8340	63	mg/Kg	01/22/13	EK	SW6010
Arsenic	5.6	0.8	mg/Kg	01/22/13	EK	SW6010
Barium	103	0.42	mg/Kg	01/22/13	EK	SW6010
Beryllium	0.45	0.34	mg/Kg	01/22/13	EK	SW6010
Calcium	7040	63	mg/Kg	01/22/13	EK	SW6010
Cadmium	< 0.42	0.42	mg/Kg	01/22/13	EK	SW6010
Cobalt	5.10	0.42	mg/Kg	01/22/13	EK	SW6010
Chromium	16.5	0.42	mg/Kg	01/22/13	EK	SW6010
Copper	84.0	0.42	mg/kg	01/22/13	EK	SW6010
Iron	15900	63	mg/Kg	01/22/13	EK	SW6010
Mercury	0.96	0.09	mg/Kg	01/22/13	RS	SW-7471
Potassium	1450	6.3	mg/Kg	01/22/13	LK	SW6010
Magnesium	2100	63	mg/Kg	01/22/13	EK	SW6010
Manganese	336	4.2	mg/Kg	01/22/13	EK	SW6010
Sodium	152	6.3	mg/Kg	01/22/13	EK	SW6010
Nickel	11.3	0.42	mg/Kg	01/22/13	EK	SW6010
Lead	132	4.2	mg/Kg	01/22/13	EK	SW6010
Antimony	< 4.2	4.2	mg/Kg	01/22/13	EK	SW6010
Selenium	< 1.7	1.7	mg/Kg	01/22/13	EK	SW6010
Thallium	< 0.7	0.7	mg/Kg	01/22/13	EK	SW6010
Vanadium	25.6	0.42	mg/Kg	01/22/13	EK	SW6010
Zinc	152	4.2	mg/Kg	01/22/13	EK	SW6010
Percent Solid	79		%	01/21/13	JL	E160.3
Total Cyanide	< 0.63	0.63	mg/Kg	01/21/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			01/21/13	PB/V	SW3545
Soil Extraction for Pesticide	Completed			01/21/13	PB	SW3545
Soil Extraction for SVOA	Completed			01/21/13	PJ/V	SW3545

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury Digestion	Completed			01/22/13	X/X	SW7471
Total Metals Digest	Completed			01/21/13	AG	SW846 - 3050
Field Extraction	Completed			01/18/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	84	ug/Kg	01/24/13	AW	SW 8082
PCB-1221	ND	84	ug/Kg	01/24/13	AW	SW 8082
PCB-1232	ND	84	ug/Kg	01/24/13	AW	SW 8082
PCB-1242	ND	84	ug/Kg	01/24/13	AW	SW 8082
PCB-1248	ND	84	ug/Kg	01/24/13	AW	SW 8082
PCB-1254	ND	84	ug/Kg	01/24/13	AW	SW 8082
PCB-1260	ND	84	ug/Kg	01/24/13	AW	SW 8082
PCB-1262	ND	84	ug/Kg	01/24/13	AW	SW 8082
PCB-1268	ND	84	ug/Kg	01/24/13	AW	SW 8082

QA/QC Surrogates

% DCBP	66		%	01/24/13	AW	30 - 150 %
% TCMX	72		%	01/24/13	AW	30 - 150 %

Pesticides

4,4' -DDD	ND*	12	ug/Kg	01/23/13	MH	SW8081
4,4' -DDE	ND*	12	ug/Kg	01/23/13	MH	SW8081
4,4' -DDT	ND*	12	ug/Kg	01/23/13	MH	SW8081
a-BHC	ND*	20	ug/Kg	01/23/13	MH	SW8081
Alachlor	ND*	20	ug/Kg	01/23/13	MH	SW8081
Aldrin	ND*	6.3	ug/Kg	01/23/13	MH	SW8081
b-BHC	ND*	20	ug/Kg	01/23/13	MH	SW8081
Chlordane	530	63	ug/Kg	01/23/13	MH	SW8081
d-BHC	ND*	20	ug/Kg	01/23/13	MH	SW8081
Dieldrin	ND*	6.3	ug/Kg	01/23/13	MH	SW8081
Endosulfan I	ND*	20	ug/Kg	01/23/13	MH	SW8081
Endosulfan II	ND*	40	ug/Kg	01/23/13	MH	SW8081
Endosulfan sulfate	ND*	40	ug/Kg	01/23/13	MH	SW8081
Endrin	ND*	40	ug/Kg	01/23/13	MH	SW8081
Endrin aldehyde	ND*	40	ug/Kg	01/23/13	MH	SW8081
Endrin ketone	ND*	40	ug/Kg	01/23/13	MH	SW8081
g-BHC	ND*	6.3	ug/Kg	01/23/13	MH	SW8081
Heptachlor	ND*	12	ug/Kg	01/23/13	MH	SW8081
Heptachlor epoxide	ND*	20	ug/Kg	01/23/13	MH	SW8081
Methoxychlor	ND*	200	ug/Kg	01/23/13	MH	SW8081
Toxaphene	ND*	200	ug/Kg	01/23/13	MH	SW8081

QA/QC Surrogates

% DCBP	79		%	01/23/13	MH	30 - 150 %
% TCMX	82		%	01/23/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	01/24/13	H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/24/13	H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/24/13	H/J	SW8260
Acetone	ND	56	ug/Kg	01/24/13	H/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Benzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Carbon Disulfide	ND	10	ug/Kg	01/24/13	H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	01/24/13	H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/24/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/24/13	H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Styrene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/24/13	H/J	SW8260
Toluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/24/13	H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	98		%	01/24/13	H/J	70 - 130 %
% Bromofluorobenzene	84		%	01/24/13	H/J	70 - 130 %
% Dibromofluoromethane	100		%	01/24/13	H/J	70 - 130 %
% Toluene-d8	97		%	01/24/13	H/J	70 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	290	ug/Kg	01/21/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	290	ug/Kg	01/21/13	DD	SW 8270
1,2-Dichlorobenzene	ND	290	ug/Kg	01/21/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	410	ug/Kg	01/21/13	DD	SW 8270
1,3-Dichlorobenzene	ND	290	ug/Kg	01/21/13	DD	SW 8270
1,4-Dichlorobenzene	ND	290	ug/Kg	01/21/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	290	ug/Kg	01/21/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	290	ug/Kg	01/21/13	DD	SW 8270
2,4-Dichlorophenol	ND	290	ug/Kg	01/21/13	DD	SW 8270
2,4-Dimethylphenol	ND	290	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrophenol	ND	660	ug/Kg	01/21/13	DD	SW 8270
2,4-Dinitrotoluene	ND	290	ug/Kg	01/21/13	DD	SW 8270
2,6-Dinitrotoluene	ND	290	ug/Kg	01/21/13	DD	SW 8270
2-Chloronaphthalene	ND	290	ug/Kg	01/21/13	DD	SW 8270
2-Chlorophenol	ND	290	ug/Kg	01/21/13	DD	SW 8270
2-Methylnaphthalene	ND	290	ug/Kg	01/21/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	290	ug/Kg	01/21/13	DD	SW 8270
2-Nitroaniline	ND	660	ug/Kg	01/21/13	DD	SW 8270
2-Nitrophenol	ND	290	ug/Kg	01/21/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	410	ug/Kg	01/21/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	290	ug/Kg	01/21/13	DD	SW 8270
3-Nitroaniline	ND	660	ug/Kg	01/21/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	01/21/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	410	ug/Kg	01/21/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	290	ug/Kg	01/21/13	DD	SW 8270
4-Chloroaniline	ND	290	ug/Kg	01/21/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	290	ug/Kg	01/21/13	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	660	ug/Kg	01/21/13	DD	SW 8270
4-Nitrophenol	ND	1200	ug/Kg	01/21/13	DD	SW 8270
Acenaphthene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Acenaphthylene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Acetophenone	ND	290	ug/Kg	01/21/13	DD	SW 8270
Aniline	ND	1200	ug/Kg	01/21/13	DD	SW 8270
Anthracene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Benz(a)anthracene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Benzidine	ND	500	ug/Kg	01/21/13	DD	SW 8270
Benzo(a)pyrene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Benzo(b)fluoranthene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Benzo(ghi)perylene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Benzo(k)fluoranthene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Benzoic acid	ND	1200	ug/Kg	01/21/13	DD	SW 8270
Benzyl butyl phthalate	ND	290	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	290	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	410	ug/Kg	01/21/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	290	ug/Kg	01/21/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	290	ug/Kg	01/21/13	DD	SW 8270
Carbazole	ND	620	ug/Kg	01/21/13	DD	SW 8270
Chrysene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Dibenzofuran	ND	290	ug/Kg	01/21/13	DD	SW 8270
Diethyl phthalate	ND	290	ug/Kg	01/21/13	DD	SW 8270
Dimethylphthalate	ND	290	ug/Kg	01/21/13	DD	SW 8270
Di-n-butylphthalate	ND	290	ug/Kg	01/21/13	DD	SW 8270
Di-n-octylphthalate	ND	290	ug/Kg	01/21/13	DD	SW 8270
Fluoranthene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Fluorene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobenzene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Hexachlorobutadiene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Hexachloroethane	ND	290	ug/Kg	01/21/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Isophorone	ND	290	ug/Kg	01/21/13	DD	SW 8270
Naphthalene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Nitrobenzene	ND	290	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodimethylamine	ND	410	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	290	ug/Kg	01/21/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	410	ug/Kg	01/21/13	DD	SW 8270
Pentachloronitrobenzene	ND	410	ug/Kg	01/21/13	DD	SW 8270
Pentachlorophenol	ND	410	ug/Kg	01/21/13	DD	SW 8270
Phenanthrene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Phenol	ND	290	ug/Kg	01/21/13	DD	SW 8270
Pyrene	ND	290	ug/Kg	01/21/13	DD	SW 8270
Pyridine	ND	410	ug/Kg	01/21/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	95		%	01/21/13	DD	30 - 130 %
% 2-Fluorobiphenyl	79		%	01/21/13	DD	30 - 130 %
% 2-Fluorophenol	86		%	01/21/13	DD	30 - 130 %

10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	75		%	01/21/13	DD	30 - 130 %
% Phenol-d5	83		%	01/21/13	DD	30 - 130 %
% Terphenyl-d14	120		%	01/21/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

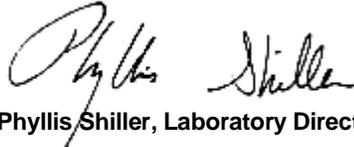
Comments:

* For Pesticides, due to matrix interference from chlordane in the sample an elevated RL was reported.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

January 31, 2013

Reviewed and Released by: Johanna Harrington, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 31, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 01/18/13 0:00
 01/21/13 15:34

Laboratory Data

SDG ID: GBD21826
 Phoenix ID: BD21832

Project ID: 221 MIDDLETON ST.
 Client ID: DUPLICATE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.38	0.38	mg/Kg	01/22/13	EK	SW6010
Aluminum	6540	57	mg/Kg	01/22/13	EK	SW6010
Arsenic	5.3	0.8	mg/Kg	01/22/13	EK	SW6010
Barium	94.3	0.38	mg/Kg	01/22/13	EK	SW6010
Beryllium	0.34	0.31	mg/Kg	01/22/13	EK	SW6010
Calcium	7440	57	mg/Kg	01/22/13	EK	SW6010
Cadmium	< 0.38	0.38	mg/Kg	01/22/13	EK	SW6010
Cobalt	4.23	0.38	mg/Kg	01/22/13	EK	SW6010
Chromium	16.2	0.38	mg/Kg	01/22/13	EK	SW6010
Copper	29.6	0.38	mg/kg	01/22/13	EK	SW6010
Iron	18400	57	mg/Kg	01/22/13	EK	SW6010
Mercury	0.96	0.09	mg/Kg	01/22/13	RS	SW-7471
Potassium	827	5.7	mg/Kg	01/22/13	LK	SW6010
Magnesium	1510	57	mg/Kg	01/22/13	EK	SW6010
Manganese	314	3.8	mg/Kg	01/22/13	EK	SW6010
Sodium	123	5.7	mg/Kg	01/22/13	EK	SW6010
Nickel	10.6	0.38	mg/Kg	01/22/13	EK	SW6010
Lead	141	3.8	mg/Kg	01/22/13	EK	SW6010
Antimony	< 3.8	3.8	mg/Kg	01/22/13	EK	SW6010
Selenium	< 1.5	1.5	mg/Kg	01/22/13	EK	SW6010
Thallium	< 0.6	0.6	mg/Kg	01/22/13	EK	SW6010
Vanadium	21.3	0.38	mg/Kg	01/22/13	EK	SW6010
Zinc	84.1	0.38	mg/Kg	01/22/13	EK	SW6010
Percent Solid	86		%	01/21/13	JL	E160.3
Total Cyanide	< 0.58	0.58	mg/Kg	01/21/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			01/21/13	PB/V	SW3545
Soil Extraction for Pesticide	Completed			01/21/13	PB	SW3545
Soil Extraction for SVOA	Completed			01/21/13	PJ/V	SW3545

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury Digestion	Completed			01/22/13	X/X	SW7471
Total Metals Digest	Completed			01/21/13	AG	SW846 - 3050
Field Extraction	Completed			01/18/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	76	ug/Kg	01/22/13	MH	SW 8082
PCB-1221	ND	76	ug/Kg	01/22/13	MH	SW 8082
PCB-1232	ND	76	ug/Kg	01/22/13	MH	SW 8082
PCB-1242	ND	76	ug/Kg	01/22/13	MH	SW 8082
PCB-1248	ND	76	ug/Kg	01/22/13	MH	SW 8082
PCB-1254	ND	76	ug/Kg	01/22/13	MH	SW 8082
PCB-1260	ND	76	ug/Kg	01/22/13	MH	SW 8082
PCB-1262	ND	76	ug/Kg	01/22/13	MH	SW 8082
PCB-1268	ND	76	ug/Kg	01/22/13	MH	SW 8082

QA/QC Surrogates

% DCBP	77		%	01/22/13	MH	30 - 150 %
% TCMX	70		%	01/22/13	MH	30 - 150 %

Pesticides

4,4' -DDD	ND	2.3	ug/Kg	01/23/13	MH	SW8081
4,4' -DDE	ND	2.3	ug/Kg	01/23/13	MH	SW8081
4,4' -DDT	ND	2.3	ug/Kg	01/23/13	MH	SW8081
a-BHC	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Alachlor	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Aldrin	ND	1.1	ug/Kg	01/23/13	MH	SW8081
b-BHC	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Chlordane	ND	11	ug/Kg	01/23/13	MH	SW8081
d-BHC	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Dieldrin	ND	1.1	ug/Kg	01/23/13	MH	SW8081
Endosulfan I	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Endosulfan II	ND	7.3	ug/Kg	01/23/13	MH	SW8081
Endosulfan sulfate	ND	7.3	ug/Kg	01/23/13	MH	SW8081
Endrin	ND	7.3	ug/Kg	01/23/13	MH	SW8081
Endrin aldehyde	ND	7.3	ug/Kg	01/23/13	MH	SW8081
Endrin ketone	ND	7.3	ug/Kg	01/23/13	MH	SW8081
g-BHC	ND	7.6	ug/Kg	01/23/13	MH	SW8081
Heptachlor	ND	2.3	ug/Kg	01/23/13	MH	SW8081
Heptachlor epoxide	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Methoxychlor	ND	37	ug/Kg	01/23/13	MH	SW8081
Toxaphene	ND	37	ug/Kg	01/23/13	MH	SW8081

QA/QC Surrogates

% DCBP	55		%	01/23/13	MH	30 - 150 %
% TCMX	52		%	01/23/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	01/24/13	H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/24/13	H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/24/13	H/J	SW8260
Acetone	65	56	ug/Kg	01/24/13	H/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Benzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Carbon Disulfide	ND	10	ug/Kg	01/24/13	H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	01/24/13	H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/24/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/24/13	H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Naphthalene	9.1	5.6	ug/Kg	01/24/13	H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Styrene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/24/13	H/J	SW8260
Toluene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/24/13	H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/24/13	H/J	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	102		%	01/24/13	H/J	70 - 130 %
% Bromofluorobenzene	86		%	01/24/13	H/J	70 - 130 %
% Dibromofluoromethane	87		%	01/24/13	H/J	70 - 130 %
% Toluene-d8	96		%	01/24/13	H/J	70 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	380	ug/Kg	01/22/13	DD	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4-Dinitrophenol	ND	610	ug/Kg	01/22/13	DD	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Chlorophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Nitroaniline	ND	610	ug/Kg	01/22/13	DD	SW 8270
2-Nitrophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	01/22/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/22/13	DD	SW 8270
3-Nitroaniline	ND	610	ug/Kg	01/22/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/22/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	380	ug/Kg	01/22/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
4-Chloroaniline	ND	270	ug/Kg	01/22/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/22/13	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	610	ug/Kg	01/22/13	DD	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	01/22/13	DD	SW 8270
Acenaphthene	310	270	ug/Kg	01/22/13	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Acetophenone	ND	270	ug/Kg	01/22/13	DD	SW 8270
Aniline	ND	1100	ug/Kg	01/22/13	DD	SW 8270
Anthracene	750	270	ug/Kg	01/22/13	DD	SW 8270
Benz(a)anthracene	1700	270	ug/Kg	01/22/13	DD	SW 8270
Benzidine	ND	450	ug/Kg	01/22/13	DD	SW 8270
Benzo(a)pyrene	1400	270	ug/Kg	01/22/13	DD	SW 8270
Benzo(b)fluoranthene	1800	270	ug/Kg	01/22/13	DD	SW 8270
Benzo(ghi)perylene	680	270	ug/Kg	01/22/13	DD	SW 8270
Benzo(k)fluoranthene	480	270	ug/Kg	01/22/13	DD	SW 8270
Benzoic acid	ND	1100	ug/Kg	01/22/13	DD	SW 8270
Benzyl butyl phthalate	2100	270	ug/Kg	01/22/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/22/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	380	ug/Kg	01/22/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/22/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Carbazole	890	570	ug/Kg	01/22/13	DD	SW 8270
Chrysene	1600	270	ug/Kg	01/22/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Dibenzofuran	290	270	ug/Kg	01/22/13	DD	SW 8270
Diethyl phthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Dimethylphthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Di-n-butylphthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Di-n-octylphthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Fluoranthene	4600	270	ug/Kg	01/22/13	DD	SW 8270
Fluorene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Hexachlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Hexachlorobutadiene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Hexachloroethane	ND	270	ug/Kg	01/22/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	590	270	ug/Kg	01/22/13	DD	SW 8270
Isophorone	ND	270	ug/Kg	01/22/13	DD	SW 8270
Naphthalene	360	270	ug/Kg	01/22/13	DD	SW 8270
Nitrobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
N-Nitrosodimethylamine	ND	380	ug/Kg	01/22/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/22/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	380	ug/Kg	01/22/13	DD	SW 8270
Pentachloronitrobenzene	ND	380	ug/Kg	01/22/13	DD	SW 8270
Pentachlorophenol	ND	380	ug/Kg	01/22/13	DD	SW 8270
Phenanthrene	4100	270	ug/Kg	01/22/13	DD	SW 8270
Phenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
Pyrene	4000	270	ug/Kg	01/22/13	DD	SW 8270
Pyridine	ND	380	ug/Kg	01/22/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	64		%	01/22/13	DD	30 - 130 %
% 2-Fluorobiphenyl	83		%	01/22/13	DD	30 - 130 %
% 2-Fluorophenol	78		%	01/22/13	DD	30 - 130 %

10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	80		%	01/22/13	DD	30 - 130 %
% Phenol-d5	82		%	01/22/13	DD	30 - 130 %
% Terphenyl-d14	112		%	01/22/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

BRL=Below Reporting Level

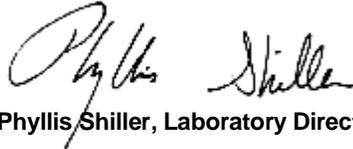
Comments:

DUPLICATE INCLUDED

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

January 31, 2013

Reviewed and Released by: Johanna Harrington, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

January 31, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 01/18/13 0:00
 01/21/13 15:34

Laboratory Data

SDG ID: GBD21826
 Phoenix ID: BD21833

Project ID: 221 MIDDLETON ST.
 Client ID: B1 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	01/22/13	EK	SW6010
Aluminum	6060	60	mg/Kg	01/22/13	EK	SW6010
Arsenic	18.3	0.8	mg/Kg	01/22/13	EK	SW6010
Barium	1280	0.40	mg/Kg	01/22/13	EK	SW6010
Beryllium	0.34	0.32	mg/Kg	01/22/13	EK	SW6010
Calcium	62000	60	mg/Kg	01/22/13	EK	SW6010
Cadmium	1.19	0.40	mg/Kg	01/22/13	EK	SW6010
Cobalt	3.62	0.40	mg/Kg	01/22/13	EK	SW6010
Chromium	22.7	0.40	mg/Kg	01/22/13	EK	SW6010
Copper	29.6	0.40	mg/kg	01/22/13	EK	SW6010
Iron	20500	60	mg/Kg	01/22/13	EK	SW6010
Mercury	1.37	0.07	mg/Kg	01/22/13	RS	SW-7471
Potassium	1070	6.0	mg/Kg	01/22/13	LK	SW6010
Magnesium	3270	60	mg/Kg	01/22/13	EK	SW6010
Manganese	318	4.0	mg/Kg	01/22/13	EK	SW6010
Sodium	255	6.0	mg/Kg	01/22/13	EK	SW6010
Nickel	13.0	0.40	mg/Kg	01/22/13	EK	SW6010
Lead	2020	40	mg/Kg	01/23/13	LK	SW6010
Antimony	< 4.0	4.0	mg/Kg	01/22/13	EK	SW6010
Selenium	< 1.6	1.6	mg/Kg	01/22/13	EK	SW6010
Thallium	< 0.6	0.6	mg/Kg	01/22/13	EK	SW6010
Vanadium	22.6	0.40	mg/Kg	01/22/13	EK	SW6010
Zinc	469	4.0	mg/Kg	01/22/13	EK	SW6010
Percent Solid	85		%	01/21/13	JL	E160.3
Total Cyanide	1.20	0.59	mg/Kg	01/21/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			01/21/13	PB/V	SW3545
Soil Extraction for Pesticide	Completed			01/21/13	PB	SW3545
Soil Extraction for SVOA	Completed			01/21/13	PJ/V	SW3545

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury Digestion	Completed			01/22/13	X/X	SW7471
Total Metals Digest	Completed			01/21/13	AG	SW846 - 3050
Field Extraction	Completed			01/18/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	77	ug/Kg	01/22/13	MH	SW 8082
PCB-1221	ND	77	ug/Kg	01/22/13	MH	SW 8082
PCB-1232	ND	77	ug/Kg	01/22/13	MH	SW 8082
PCB-1242	ND	77	ug/Kg	01/22/13	MH	SW 8082
PCB-1248	ND	77	ug/Kg	01/22/13	MH	SW 8082
PCB-1254	ND	77	ug/Kg	01/22/13	MH	SW 8082
PCB-1260	ND	77	ug/Kg	01/22/13	MH	SW 8082
PCB-1262	ND	77	ug/Kg	01/22/13	MH	SW 8082
PCB-1268	ND	77	ug/Kg	01/22/13	MH	SW 8082

QA/QC Surrogates

% DCBP	65		%	01/22/13	MH	30 - 150 %
% TCMX	67		%	01/22/13	MH	30 - 150 %

Pesticides

4,4' -DDD	ND	2.3	ug/Kg	01/23/13	MH	SW8081
4,4' -DDE	ND	2.3	ug/Kg	01/23/13	MH	SW8081
4,4' -DDT	ND	2.3	ug/Kg	01/23/13	MH	SW8081
a-BHC	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Alachlor	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Aldrin	ND	1.2	ug/Kg	01/23/13	MH	SW8081
b-BHC	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Chlordane	22	12	ug/Kg	01/23/13	MH	SW8081
d-BHC	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Dieldrin	ND	1.2	ug/Kg	01/23/13	MH	SW8081
Endosulfan I	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Endosulfan II	ND	7.4	ug/Kg	01/23/13	MH	SW8081
Endosulfan sulfate	ND	7.4	ug/Kg	01/23/13	MH	SW8081
Endrin	ND	7.4	ug/Kg	01/23/13	MH	SW8081
Endrin aldehyde	ND	7.4	ug/Kg	01/23/13	MH	SW8081
Endrin ketone	ND	7.4	ug/Kg	01/23/13	MH	SW8081
g-BHC	ND	1.2	ug/Kg	01/23/13	MH	SW8081
Heptachlor	ND	2.3	ug/Kg	01/23/13	MH	SW8081
Heptachlor epoxide	ND	3.7	ug/Kg	01/23/13	MH	SW8081
Methoxychlor	ND	37	ug/Kg	01/23/13	MH	SW8081
Toxaphene	ND	37	ug/Kg	01/23/13	MH	SW8081

QA/QC Surrogates

% DCBP	60		%	01/23/13	MH	30 - 150 %
% TCMX	58		%	01/23/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	01/23/13	H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/23/13	H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/23/13	H/J	SW8260
Acetone	110	56	ug/Kg	01/23/13	H/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Benzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Carbon Disulfide	ND	10	ug/Kg	01/23/13	H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	01/23/13	H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/23/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/23/13	H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Styrene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/23/13	H/J	SW8260
Toluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/23/13	H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	104		%	01/23/13	H/J	70 - 130 %
% Bromofluorobenzene	87		%	01/23/13	H/J	70 - 130 %
% Dibromofluoromethane	89		%	01/23/13	H/J	70 - 130 %
% Toluene-d8	96		%	01/23/13	H/J	70 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	390	ug/Kg	01/22/13	DD	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,4-Dinitrophenol	ND	620	ug/Kg	01/22/13	DD	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Chlorophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	01/22/13	DD	SW 8270
2-Nitroaniline	ND	620	ug/Kg	01/22/13	DD	SW 8270
2-Nitrophenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	01/22/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	270	ug/Kg	01/22/13	DD	SW 8270
3-Nitroaniline	ND	620	ug/Kg	01/22/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	01/22/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	390	ug/Kg	01/22/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
4-Chloroaniline	ND	270	ug/Kg	01/22/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	01/22/13	DD	SW 8270

Client ID: B1 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	620	ug/Kg	01/22/13	DD	SW 8270
4-Nitrophenol	ND	1100	ug/Kg	01/22/13	DD	SW 8270
Acenaphthene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Acenaphthylene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Acetophenone	ND	270	ug/Kg	01/22/13	DD	SW 8270
Aniline	ND	1100	ug/Kg	01/22/13	DD	SW 8270
Anthracene	300	270	ug/Kg	01/22/13	DD	SW 8270
Benz(a)anthracene	970	270	ug/Kg	01/22/13	DD	SW 8270
Benzidine	ND	460	ug/Kg	01/22/13	DD	SW 8270
Benzo(a)pyrene	950	270	ug/Kg	01/22/13	DD	SW 8270
Benzo(b)fluoranthene	1100	270	ug/Kg	01/22/13	DD	SW 8270
Benzo(ghi)perylene	580	270	ug/Kg	01/22/13	DD	SW 8270
Benzo(k)fluoranthene	430	270	ug/Kg	01/22/13	DD	SW 8270
Benzoic acid	ND	1100	ug/Kg	01/22/13	DD	SW 8270
Benzyl butyl phthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	01/22/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	390	ug/Kg	01/22/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	01/22/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Carbazole	ND	580	ug/Kg	01/22/13	DD	SW 8270
Chrysene	950	270	ug/Kg	01/22/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Dibenzofuran	ND	270	ug/Kg	01/22/13	DD	SW 8270
Diethyl phthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Dimethylphthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Di-n-butylphthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Di-n-octylphthalate	ND	270	ug/Kg	01/22/13	DD	SW 8270
Fluoranthene	2600	270	ug/Kg	01/22/13	DD	SW 8270
Fluorene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Hexachlorobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Hexachlorobutadiene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Hexachloroethane	ND	270	ug/Kg	01/22/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	500	270	ug/Kg	01/22/13	DD	SW 8270
Isophorone	ND	270	ug/Kg	01/22/13	DD	SW 8270
Naphthalene	ND	270	ug/Kg	01/22/13	DD	SW 8270
Nitrobenzene	ND	270	ug/Kg	01/22/13	DD	SW 8270
N-Nitrosodimethylamine	ND	390	ug/Kg	01/22/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	01/22/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	390	ug/Kg	01/22/13	DD	SW 8270
Pentachloronitrobenzene	ND	390	ug/Kg	01/22/13	DD	SW 8270
Pentachlorophenol	ND	390	ug/Kg	01/22/13	DD	SW 8270
Phenanthrene	1400	270	ug/Kg	01/22/13	DD	SW 8270
Phenol	ND	270	ug/Kg	01/22/13	DD	SW 8270
Pyrene	2200	270	ug/Kg	01/22/13	DD	SW 8270
Pyridine	ND	390	ug/Kg	01/22/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	80		%	01/22/13	DD	30 - 130 %
% 2-Fluorobiphenyl	90		%	01/22/13	DD	30 - 130 %
% 2-Fluorophenol	85		%	01/22/13	DD	30 - 130 %

10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	86		%	01/22/13	DD	30 - 130 %
% Phenol-d5	87		%	01/22/13	DD	30 - 130 %
% Terphenyl-d14	112		%	01/22/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

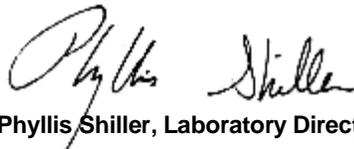
BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

January 31, 2013

Reviewed and Released by: Johanna Harrington, Project Manager



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

January 31, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
 Environmental Business Consultants
 1808 Middle Country Rd
 Ridge NY 11961-2406

Sample Information

Matrix: SOIL
 Location Code: EBC
 Rush Request: 72 Hour
 P.O.#:

Custody Information

Collected by:
 Received by: LB
 Analyzed by: see "By" below

Date Time
 01/18/13 0:00
 01/21/13 15:34

Laboratory Data

SDG ID: GBD21826
 Phoenix ID: BD21834

Project ID: 221 MIDDLETON ST.
 Client ID: B1 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	01/22/13	EK	SW6010
Aluminum	12500	63	mg/Kg	01/22/13	EK	SW6010
Arsenic	1.0	0.8	mg/Kg	01/22/13	EK	SW6010
Barium	95.8	0.42	mg/Kg	01/22/13	EK	SW6010
Beryllium	< 0.34	0.34	mg/Kg	01/22/13	EK	SW6010
Calcium	2640	63	mg/Kg	01/22/13	EK	SW6010
Cadmium	< 0.42	0.42	mg/Kg	01/22/13	EK	SW6010
Cobalt	3.51	0.42	mg/Kg	01/22/13	EK	SW6010
Chromium	16.9	0.42	mg/Kg	01/22/13	EK	SW6010
Copper	11.6	0.42	mg/kg	01/22/13	EK	SW6010
Iron	10300	63	mg/Kg	01/22/13	EK	SW6010
Mercury	2.31	0.08	mg/Kg	01/22/13	RS	SW-7471
Potassium	992	6.3	mg/Kg	01/22/13	LK	SW6010
Magnesium	2440	63	mg/Kg	01/22/13	EK	SW6010
Manganese	101	0.42	mg/Kg	01/22/13	EK	SW6010
Sodium	114	6.3	mg/Kg	01/22/13	EK	SW6010
Nickel	13.0	0.42	mg/Kg	01/22/13	EK	SW6010
Lead	82.1	0.42	mg/Kg	01/22/13	EK	SW6010
Antimony	< 4.2	4.2	mg/Kg	01/22/13	EK	SW6010
Selenium	< 1.7	1.7	mg/Kg	01/22/13	EK	SW6010
Thallium	< 0.7	0.7	mg/Kg	01/22/13	EK	SW6010
Vanadium	16.5	0.42	mg/Kg	01/22/13	EK	SW6010
Zinc	59.6	0.42	mg/Kg	01/22/13	EK	SW6010
Percent Solid	74		%	01/21/13	JL	E160.3
Total Cyanide	< 0.68	0.68	mg/Kg	01/21/13	O/GD	SW 9010/9012
Soil Extraction for PCB	Completed			01/21/13	PB/V	SW3545
Soil Extraction for Pesticide	Completed			01/21/13	PB	SW3545
Soil Extraction for SVOA	Completed			01/21/13	PJ/V	SW3545

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury Digestion	Completed			01/22/13	X/X	SW7471
Total Metals Digest	Completed			01/21/13	AG	SW846 - 3050
Field Extraction	Completed			01/18/13		SW5035

Polychlorinated Biphenyls

PCB-1016	ND	90	ug/Kg	01/22/13	MH	SW 8082
PCB-1221	ND	90	ug/Kg	01/22/13	MH	SW 8082
PCB-1232	ND	90	ug/Kg	01/22/13	MH	SW 8082
PCB-1242	ND	90	ug/Kg	01/22/13	MH	SW 8082
PCB-1248	ND	90	ug/Kg	01/22/13	MH	SW 8082
PCB-1254	ND	90	ug/Kg	01/22/13	MH	SW 8082
PCB-1260	ND	90	ug/Kg	01/22/13	MH	SW 8082
PCB-1262	ND	90	ug/Kg	01/22/13	MH	SW 8082
PCB-1268	ND	90	ug/Kg	01/22/13	MH	SW 8082

QA/QC Surrogates

% DCBP	68		%	01/22/13	MH	30 - 150 %
% TCMX	66		%	01/22/13	MH	30 - 150 %

Pesticides

4,4' -DDD	ND	2.7	ug/Kg	01/23/13	MH	SW8081
4,4' -DDE	ND	2.7	ug/Kg	01/23/13	MH	SW8081
4,4' -DDT	ND	2.7	ug/Kg	01/23/13	MH	SW8081
a-BHC	ND	4.3	ug/Kg	01/23/13	MH	SW8081
Alachlor	ND	4.3	ug/Kg	01/23/13	MH	SW8081
Aldrin	ND	1.3	ug/Kg	01/23/13	MH	SW8081
b-BHC	ND	4.3	ug/Kg	01/23/13	MH	SW8081
Chlordane	18	13	ug/Kg	01/23/13	MH	SW8081
d-BHC	ND	4.3	ug/Kg	01/23/13	MH	SW8081
Dieldrin	ND	1.3	ug/Kg	01/23/13	MH	SW8081
Endosulfan I	ND	4.3	ug/Kg	01/23/13	MH	SW8081
Endosulfan II	ND	8.6	ug/Kg	01/23/13	MH	SW8081
Endosulfan sulfate	ND	8.6	ug/Kg	01/23/13	MH	SW8081
Endrin	ND	8.6	ug/Kg	01/23/13	MH	SW8081
Endrin aldehyde	ND	8.6	ug/Kg	01/23/13	MH	SW8081
Endrin ketone	ND	8.6	ug/Kg	01/23/13	MH	SW8081
g-BHC	ND	1.3	ug/Kg	01/23/13	MH	SW8081
Heptachlor	ND	2.7	ug/Kg	01/23/13	MH	SW8081
Heptachlor epoxide	ND	4.3	ug/Kg	01/23/13	MH	SW8081
Methoxychlor	ND	43	ug/Kg	01/23/13	MH	SW8081
Toxaphene	ND	43	ug/Kg	01/23/13	MH	SW8081

QA/QC Surrogates

% DCBP	61		%	01/23/13	MH	30 - 150 %
% TCMX	54		%	01/23/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,1,1-Trichloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	01/23/13	H/J	SW8260
1,1,2-Trichloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,1-Dichloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
1,1-Dichloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,1-Dichloropropene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2,3-Trichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2,3-Trichloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2,4-Trichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2,4-Trimethylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dibromoethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dichloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,2-Dichloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,3,5-Trimethylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,3-Dichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,3-Dichloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
1,4-Dichlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
2,2-Dichloropropane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
2-Chlorotoluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
2-Hexanone	ND	28	ug/Kg	01/23/13	H/J	SW8260
2-Isopropyltoluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
4-Chlorotoluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
4-Methyl-2-pentanone	ND	28	ug/Kg	01/23/13	H/J	SW8260
Acetone	ND	56	ug/Kg	01/23/13	H/J	SW8260
Acrylonitrile	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Benzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromochloromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromodichloromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromoform	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Bromomethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Carbon Disulfide	ND	10	ug/Kg	01/23/13	H/J	SW8260
Carbon tetrachloride	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Chlorobenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Chloroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Chloroform	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Chloromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
cis-1,2-Dichloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
cis-1,3-Dichloropropene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Dibromochloromethane	ND	3.3	ug/Kg	01/23/13	H/J	SW8260
Dibromomethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Dichlorodifluoromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Ethylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Hexachlorobutadiene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Isopropylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
m&p-Xylene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Methyl Ethyl Ketone	ND	33	ug/Kg	01/23/13	H/J	SW8260
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	01/23/13	H/J	SW8260
Methylene chloride	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Naphthalene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
n-Butylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
n-Propylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260

1P

1

1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
o-Xylene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
p-Isopropyltoluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
sec-Butylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Styrene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
tert-Butylbenzene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Tetrachloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Tetrahydrofuran (THF)	ND	11	ug/Kg	01/23/13	H/J	SW8260
Toluene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Total Xylenes	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
trans-1,2-Dichloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
trans-1,3-Dichloropropene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	01/23/13	H/J	SW8260
Trichloroethene	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Trichlorofluoromethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Trichlorotrifluoroethane	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
Vinyl chloride	ND	5.6	ug/Kg	01/23/13	H/J	SW8260
<u>QA/QC Surrogates</u>						
% 1,2-dichlorobenzene-d4	101		%	01/23/13	H/J	70 - 130 %
% Bromofluorobenzene	91		%	01/23/13	H/J	70 - 130 %
% Dibromofluoromethane	108		%	01/23/13	H/J	70 - 130 %
% Toluene-d8	94		%	01/23/13	H/J	70 - 130 %
<u>Semivolatiles</u>						
1,2,4,5-Tetrachlorobenzene	ND	310	ug/Kg	01/22/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	310	ug/Kg	01/22/13	DD	SW 8270
1,2-Dichlorobenzene	ND	310	ug/Kg	01/22/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	440	ug/Kg	01/22/13	DD	SW 8270
1,3-Dichlorobenzene	ND	310	ug/Kg	01/22/13	DD	SW 8270
1,4-Dichlorobenzene	ND	310	ug/Kg	01/22/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	310	ug/Kg	01/22/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	310	ug/Kg	01/22/13	DD	SW 8270
2,4-Dichlorophenol	ND	310	ug/Kg	01/22/13	DD	SW 8270
2,4-Dimethylphenol	ND	310	ug/Kg	01/22/13	DD	SW 8270
2,4-Dinitrophenol	ND	700	ug/Kg	01/22/13	DD	SW 8270
2,4-Dinitrotoluene	ND	310	ug/Kg	01/22/13	DD	SW 8270
2,6-Dinitrotoluene	ND	310	ug/Kg	01/22/13	DD	SW 8270
2-Chloronaphthalene	ND	310	ug/Kg	01/22/13	DD	SW 8270
2-Chlorophenol	ND	310	ug/Kg	01/22/13	DD	SW 8270
2-Methylnaphthalene	ND	310	ug/Kg	01/22/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	310	ug/Kg	01/22/13	DD	SW 8270
2-Nitroaniline	ND	700	ug/Kg	01/22/13	DD	SW 8270
2-Nitrophenol	ND	310	ug/Kg	01/22/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	440	ug/Kg	01/22/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	310	ug/Kg	01/22/13	DD	SW 8270
3-Nitroaniline	ND	700	ug/Kg	01/22/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1300	ug/Kg	01/22/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	440	ug/Kg	01/22/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	310	ug/Kg	01/22/13	DD	SW 8270
4-Chloroaniline	ND	310	ug/Kg	01/22/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	310	ug/Kg	01/22/13	DD	SW 8270

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
4-Nitroaniline	ND	700	ug/Kg	01/22/13	DD	SW 8270
4-Nitrophenol	ND	1300	ug/Kg	01/22/13	DD	SW 8270
Acenaphthene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Acenaphthylene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Acetophenone	ND	310	ug/Kg	01/22/13	DD	SW 8270
Aniline	ND	1300	ug/Kg	01/22/13	DD	SW 8270
Anthracene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Benz(a)anthracene	410	310	ug/Kg	01/22/13	DD	SW 8270
Benzidine	ND	530	ug/Kg	01/22/13	DD	SW 8270
Benzo(a)pyrene	340	310	ug/Kg	01/22/13	DD	SW 8270
Benzo(b)fluoranthene	460	310	ug/Kg	01/22/13	DD	SW 8270
Benzo(ghi)perylene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Benzo(k)fluoranthene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Benzoic acid	ND	1300	ug/Kg	01/22/13	DD	SW 8270
Benzyl butyl phthalate	ND	310	ug/Kg	01/22/13	DD	SW 8270
Bis(2-chloroethoxy)methane	ND	310	ug/Kg	01/22/13	DD	SW 8270
Bis(2-chloroethyl)ether	ND	440	ug/Kg	01/22/13	DD	SW 8270
Bis(2-chloroisopropyl)ether	ND	310	ug/Kg	01/22/13	DD	SW 8270
Bis(2-ethylhexyl)phthalate	ND	310	ug/Kg	01/22/13	DD	SW 8270
Carbazole	ND	660	ug/Kg	01/22/13	DD	SW 8270
Chrysene	390	310	ug/Kg	01/22/13	DD	SW 8270
Dibenz(a,h)anthracene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Dibenzofuran	ND	310	ug/Kg	01/22/13	DD	SW 8270
Diethyl phthalate	ND	310	ug/Kg	01/22/13	DD	SW 8270
Dimethylphthalate	ND	310	ug/Kg	01/22/13	DD	SW 8270
Di-n-butylphthalate	ND	310	ug/Kg	01/22/13	DD	SW 8270
Di-n-octylphthalate	ND	310	ug/Kg	01/22/13	DD	SW 8270
Fluoranthene	950	310	ug/Kg	01/22/13	DD	SW 8270
Fluorene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Hexachlorobenzene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Hexachlorobutadiene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Hexachlorocyclopentadiene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Hexachloroethane	ND	310	ug/Kg	01/22/13	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Isophorone	ND	310	ug/Kg	01/22/13	DD	SW 8270
Naphthalene	ND	310	ug/Kg	01/22/13	DD	SW 8270
Nitrobenzene	ND	310	ug/Kg	01/22/13	DD	SW 8270
N-Nitrosodimethylamine	ND	440	ug/Kg	01/22/13	DD	SW 8270
N-Nitrosodi-n-propylamine	ND	310	ug/Kg	01/22/13	DD	SW 8270
N-Nitrosodiphenylamine	ND	440	ug/Kg	01/22/13	DD	SW 8270
Pentachloronitrobenzene	ND	440	ug/Kg	01/22/13	DD	SW 8270
Pentachlorophenol	ND	440	ug/Kg	01/22/13	DD	SW 8270
Phenanthrene	590	310	ug/Kg	01/22/13	DD	SW 8270
Phenol	ND	310	ug/Kg	01/22/13	DD	SW 8270
Pyrene	780	310	ug/Kg	01/22/13	DD	SW 8270
Pyridine	ND	440	ug/Kg	01/22/13	DD	SW 8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	97		%	01/22/13	DD	30 - 130 %
% 2-Fluorobiphenyl	84		%	01/22/13	DD	30 - 130 %
% 2-Fluorophenol	90		%	01/22/13	DD	30 - 130 %

10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Nitrobenzene-d5	81		%	01/22/13	DD	30 - 130 %
% Phenol-d5	85		%	01/22/13	DD	30 - 130 %
% Terphenyl-d14	99		%	01/22/13	DD	30 - 130 %

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

1P = This parameter is pending certification by NY NELAC for this matrix.

1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected

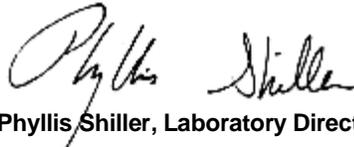
BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

January 31, 2013

Reviewed and Released by: Johanna Harrington, Project Manager



Environmental Laboratories, Inc.
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QA/QC Report

January 31, 2013

QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 219168, QC Sample No: BD21617 (BD21826, BD21827, BD21828, BD21829, BD21830, BD21831, BD21832, BD21833, BD21834)												
<u>ICP Metals - Soil</u>												
Aluminum	BRL	13600	11500	16.7	82.0	82.1	0.1	NC	NC	NC	75 - 125	30
Antimony	BRL	<3.8	<3.9	NC	98.3	107	8.5	77.1	82.1	6.3	75 - 125	30
Arsenic	BRL	2.6	4.83	NC	94.1	95.1	1.1	90.6	95.7	5.5	75 - 125	30
Barium	BRL	174	141	21.0	98.5	103	4.5	86.7	94.2	8.3	75 - 125	30
Beryllium	BRL	0.59	0.64	NC	95.4	97.0	1.7	92.8	98.3	5.8	75 - 125	30
Cadmium	BRL	<0.38	<0.39	NC	94.1	94.2	0.1	90.0	95.1	5.5	75 - 125	30
Calcium	BRL	5070	6050	17.6	94.8	95.3	0.5	NC	NC	NC	75 - 125	30
Chromium	BRL	19.4	19.8	2.00	96.7	97.9	1.2	94.5	99.1	4.8	75 - 125	30
Cobalt	BRL	13.3	11.0	18.9	95.6	96.3	0.7	90.9	95.7	5.1	75 - 125	30
Copper	BRL	75.2	108	35.8	104	101	2.9	123	120	2.5	75 - 125	30
Iron	BRL	33000	29000	12.9	101	104	2.9	NC	NC	NC	75 - 125	30
Lead	BRL	24.6	23.3	5.40	93.3	94.9	1.7	90.1	95.5	5.8	75 - 125	30
Magnesium	BRL	6840	5760	17.1	85.1	86.1	1.2	NC	NC	NC	75 - 125	30
Manganese	BRL	467	460	1.50	95.9	98.8	3.0	91.4	76.3	18.0	75 - 125	30
Nickel	BRL	27.5	23.2	17.0	95.5	96.2	0.7	90.9	95.8	5.2	75 - 125	30
Potassium	BRL	1500	1280	15.8	107	107	0.0	>130	>130	NC	75 - 125	30
Selenium	BRL	<1.5	<1.6	NC	98.6	105	6.3	80.6	84.9	5.2	75 - 125	30
Silver	BRL	<0.38	<0.39	NC	97.0	96.7	0.3	97.4	102	4.6	75 - 125	30
Sodium	BRL	158	137	14.2	101	98.8	2.2	110	111	0.9	75 - 125	30
Thallium	BRL	<3.4	<3.5	NC	96.3	96.7	0.4	91.0	95.5	4.8	75 - 125	30
Vanadium	BRL	46.9	51.9	10.1	96.9	98.8	1.9	99.0	102	3.0	75 - 125	30
Zinc	BRL	84.4	77.5	8.50	93.7	96.5	2.9	98.3	100	1.7	75 - 125	30
QA/QC Batch 219212, QC Sample No: BD21826 (BD21826, BD21827, BD21828, BD21829, BD21830, BD21831, BD21832, BD21833, BD21834)												
Mercury - Soil	BRL	2.33	2.33	0	107	107	0.0	>125	>125	NC	70 - 130	30

m = This parameter is outside laboratory ms/msd specified recovery limits.
 r = This parameter is outside laboratory rpd specified recovery limits.



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QA/QC Report

January 31, 2013

QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 219189, QC Sample No: BD20847 (BD21826, BD21827, BD21828, BD21829, BD21830, BD21831, BD21832, BD21833, BD21834)												
Total Cyanide	BRL	1.89	0.83	NC	103			89.1			85 - 115	30



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QA/QC Report

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QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	LCS %	LCS D %	LCS RPD	MS %	MS D %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 219012, QC Sample No: BD21618 (BD21826, BD21827, BD21828, BD21829, BD21830, BD21831, BD21832, BD21833, BD21834)

Pesticides - Soil

4,4' -DDD	ND	72	79	9.3	80	70	13.3	40 - 140	30
4,4' -DDE	ND	79	91	14.1	86	80	7.2	40 - 140	30
4,4' -DDT	ND	70	79	12.1	76	68	11.1	40 - 140	30
a-BHC	ND	88	99	11.8	93	88	5.5	40 - 140	30
a-Chlordane	ND	79	87	9.6	84	79	6.1	40 - 140	30
Alachlor	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
Aldrin	ND	78	87	10.9	79	74	6.5	40 - 140	30
b-BHC	ND	79	90	13.0	86	82	4.8	40 - 140	30
Chlordane	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
d-BHC	ND	74	84	12.7	80	76	5.1	40 - 140	30
Dieldrin	ND	82	92	11.5	89	85	4.6	40 - 140	30
Endosulfan I	ND	82	93	12.6	88	85	3.5	40 - 140	30
Endosulfan II	ND	78	88	12.0	91	89	2.2	40 - 140	30
Endosulfan sulfate	ND	68	75	9.8	79	74	6.5	40 - 140	30
Endrin	ND	79	86	8.5	88	84	4.7	40 - 140	30
Endrin aldehyde	ND	67	73	8.6	97	91	6.4	40 - 140	30
Endrin ketone	ND	79	88	10.8	88	83	5.8	40 - 140	30
g-BHC	ND	85	96	12.2	92	88	4.4	40 - 140	30
g-Chlordane	ND	82	91	10.4	91	88	3.4	40 - 140	30
Heptachlor	ND	80	89	10.7	84	79	6.1	40 - 140	30
Heptachlor epoxide	ND	80	90	11.8	84	81	3.6	40 - 140	30
Methoxychlor	ND	66	75	12.8	71	65	8.8	40 - 140	30
Toxaphene	ND	N/A	N/A	NC	N/A	N/A	NC	40 - 140	30
% DCBP	87	87	92	5.6	85	79	7.3	30 - 150	30
% TCMX	91	91	100	9.4	87	80	8.4	30 - 150	30

QA/QC Batch 219011, QC Sample No: BD21618 (BD21826, BD21827, BD21828, BD21829, BD21830, BD21831, BD21832, BD21833, BD21834)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	85	78	8.6	81	78	3.8	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	78	71	9.4	69	66	4.4	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	64	68	61	10.9	57	54	5.4	30 - 150	30
% TCMX (Surrogate Rec)	77	85	78	8.6	74	71	4.1	30 - 150	30

QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 219179, QC Sample No: BD21830 (BD21826, BD21827, BD21828, BD21829, BD21830, BD21831, BD21832, BD21833, BD21834)										
<u>Semivolatiles - Soil</u>										
1,2,4,5-Tetrachlorobenzene	ND	85	84	1.2	88	85	3.5	30 - 130	30	
1,2,4-Trichlorobenzene	ND	80	78	2.5	83	77	7.5	30 - 130	30	
1,2-Dichlorobenzene	ND	77	78	1.3	81	78	3.8	30 - 130	30	
1,2-Diphenylhydrazine	ND	88	85	3.5	91	85	6.8	30 - 130	30	
1,3-Dichlorobenzene	ND	75	75	0.0	78	72	8.0	30 - 130	30	
1,4-Dichlorobenzene	ND	77	77	0.0	81	76	6.4	30 - 130	30	
2,4,5-Trichlorophenol	ND	88	84	4.7	84	82	2.4	30 - 130	30	
2,4,6-Trichlorophenol	ND	88	84	4.7	79	73	7.9	30 - 130	30	
2,4-Dichlorophenol	ND	89	86	3.4	89	86	3.4	30 - 130	30	
2,4-Dimethylphenol	ND	54	54	0.0	54	55	1.8	30 - 130	30	
2,4-Dinitrophenol	ND	<5	<5	NC	<5	<5	NC	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	91	90	1.1	94	89	5.5	30 - 130	30	
2,6-Dinitrotoluene	ND	93	91	2.2	96	90	6.5	30 - 130	30	
2-Chloronaphthalene	ND	89	86	3.4	93	88	5.5	30 - 130	30	
2-Chlorophenol	ND	79	77	2.6	82	75	8.9	30 - 130	30	
2-Methylnaphthalene	ND	86	82	4.8	89	85	4.6	30 - 130	30	
2-Methylphenol (o-cresol)	ND	73	78	6.6	78	75	3.9	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
2-Nitrophenol	ND	80	74	7.8	76	75	1.3	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	78	79	1.3	78	77	1.3	30 - 130	30	
3,3'-Dichlorobenzidine	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
3-Nitroaniline	ND	117	129	9.8	110	101	8.5	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	41	26	44.8	<5	<5	NC	30 - 130	30	l,m,r
4-Bromophenyl phenyl ether	ND	97	93	4.2	98	93	5.2	30 - 130	30	
4-Chloro-3-methylphenol	ND	89	88	1.1	88	87	1.1	30 - 130	30	
4-Chloroaniline	ND	97	99	2.0	80	73	9.2	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	92	92	0.0	96	90	6.5	30 - 130	30	
4-Nitroaniline	ND	89	87	2.3	91	84	8.0	30 - 130	30	
4-Nitrophenol	ND	79	76	3.9	34	18	61.5	30 - 130	30	m,r
Acenaphthene	ND	110	108	1.8	118	109	7.9	30 - 130	30	
Acenaphthylene	ND	91	89	2.2	94	90	4.3	30 - 130	30	
Acetophenone	ND	81	84	3.6	84	80	4.9	30 - 130	30	
Aniline	ND	88	99	11.8	84	78	7.4	30 - 130	30	
Anthracene	ND	113	112	0.9	115	112	2.6	30 - 130	30	
Benz(a)anthracene	ND	108	108	0.0	115	111	3.5	30 - 130	30	
Benzidine	ND	43	37	15.0	30	29	3.4	30 - 130	30	m
Benzo(a)pyrene	ND	105	104	1.0	110	106	3.7	30 - 130	30	
Benzo(b)fluoranthene	ND	112	110	1.8	118	114	3.4	30 - 130	30	
Benzo(ghi)perylene	ND	107	108	0.9	115	110	4.4	30 - 130	30	
Benzo(k)fluoranthene	ND	115	114	0.9	125	118	5.8	30 - 130	30	
Benzyl butyl phthalate	ND	87	88	1.1	95	89	6.5	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	82	81	1.2	87	82	5.9	30 - 130	30	
Bis(2-chloroethyl)ether	ND	73	75	2.7	82	78	5.0	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	74	77	4.0	81	76	6.4	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	95	96	1.0	101	98	3.0	30 - 130	30	
Carbazole	ND	137	137	0.0	146	140	4.2	30 - 130	30	l,m
Chrysene	ND	113	114	0.9	121	119	1.7	30 - 130	30	
Dibenz(a,h)anthracene	ND	112	114	1.8	116	112	3.5	30 - 130	30	
Dibenzofuran	ND	90	89	1.1	94	88	6.6	30 - 130	30	

QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Diethyl phthalate	ND	90	90	0.0	95	88	7.7	30 - 130	30
Dimethylphthalate	ND	90	88	2.2	93	87	6.7	30 - 130	30
Di-n-butylphthalate	ND	92	92	0.0	93	90	3.3	30 - 130	30
Di-n-octylphthalate	ND	90	89	1.1	94	91	3.2	30 - 130	30
Fluoranthene	ND	93	95	2.1	94	91	3.2	30 - 130	30
Fluorene	ND	113	112	0.9	117	110	6.2	30 - 130	30
Hexachlorobenzene	ND	95	89	6.5	95	92	3.2	30 - 130	30
Hexachlorobutadiene	ND	81	79	2.5	85	82	3.6	30 - 130	30
Hexachlorocyclopentadiene	ND	84	84	0.0	71	60	16.8	30 - 130	30
Hexachloroethane	ND	74	76	2.7	77	72	6.7	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	109	111	1.8	116	112	3.5	30 - 130	30
Isophorone	ND	90	88	2.2	91	88	3.4	30 - 130	30
Naphthalene	ND	85	84	1.2	89	84	5.8	30 - 130	30
Nitrobenzene	ND	79	79	0.0	82	75	8.9	30 - 130	30
N-Nitrosodimethylamine	ND	71	73	2.8	83	56	38.8	30 - 130	30
N-Nitrosodi-n-propylamine	ND	80	84	4.9	80	80	0.0	30 - 130	30
N-Nitrosodiphenylamine	ND	103	106	2.9	109	101	7.6	30 - 130	30
Pentachloronitrobenzene	ND	93	92	1.1	95	89	6.5	30 - 130	30
Pentachlorophenol	ND	58	51	12.8	37	33	11.4	30 - 130	30
Phenanthrene	ND	119	113	5.2	121	116	4.2	30 - 130	30
Phenol	ND	79	82	3.7	80	75	6.5	30 - 130	30
Pyrene	ND	113	114	0.9	116	112	3.5	30 - 130	30
Pyridine	ND	57	62	8.4	65	53	20.3	30 - 130	30
% 2,4,6-Tribromophenol	79	96	92	4.3	86	79	8.5	30 - 130	30
% 2-Fluorobiphenyl	79	85	84	1.2	90	83	8.1	30 - 130	30
% 2-Fluorophenol	81	81	85	4.8	85	76	11.2	30 - 130	30
% Nitrobenzene-d5	76	78	78	0.0	81	76	6.4	30 - 130	30
% Phenol-d5	81	81	85	4.8	85	78	8.6	30 - 130	30
% Terphenyl-d14	86	96	97	1.0	98	94	4.2	30 - 130	30

QA/QC Batch 219478, QC Sample No: BD21831 (BD21831 (71X) , BD21833, BD21834)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	102	102	0.0	106	105	0.9	70 - 130	30
1,1,1-Trichloroethane	ND	102	98	4.0	104	107	2.8	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	91	96	5.3	117	109	7.1	70 - 130	30
1,1,2-Trichloroethane	ND	104	107	2.8	102	98	4.0	70 - 130	30
1,1-Dichloroethane	ND	104	98	5.9	104	105	1.0	70 - 130	30
1,1-Dichloroethene	ND	111	85	26.5	97	120	21.2	70 - 130	30
1,1-Dichloropropene	ND	104	94	10.1	105	113	7.3	70 - 130	30
1,2,3-Trichlorobenzene	ND	111	98	12.4	116	119	2.6	70 - 130	30
1,2,3-Trichloropropane	ND	81	109	29.5	110	93	16.7	70 - 130	30
1,2,4-Trichlorobenzene	ND	107	97	9.8	122	124	1.6	70 - 130	30
1,2,4-Trimethylbenzene	ND	109	101	7.6	112	114	1.8	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	94	98	4.2	96	99	3.1	70 - 130	30
1,2-Dibromoethane	ND	98	106	7.8	108	103	4.7	70 - 130	30
1,2-Dichlorobenzene	ND	107	100	6.8	113	115	1.8	70 - 130	30
1,2-Dichloroethane	ND	100	101	1.0	104	105	1.0	70 - 130	30
1,2-Dichloropropane	ND	103	102	1.0	103	104	1.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	107	98	8.8	110	112	1.8	70 - 130	30
1,3-Dichlorobenzene	ND	108	100	7.7	117	117	0.0	70 - 130	30
1,3-Dichloropropane	ND	98	100	2.0	103	100	3.0	70 - 130	30
1,4-Dichlorobenzene	ND	108	100	7.7	117	119	1.7	70 - 130	30
2,2-Dichloropropane	ND	103	97	6.0	102	101	1.0	70 - 130	30

QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2-Chlorotoluene	ND	109	101	7.6	112	113	0.9	70 - 130	30	
2-Hexanone	ND	91	93	2.2	82	83	1.2	70 - 130	30	
2-Isopropyltoluene	ND	107	97	9.8	109	113	3.6	70 - 130	30	
4-Chlorotoluene	ND	106	98	7.8	116	116	0.0	70 - 130	30	
4-Methyl-2-pentanone	ND	91	100	9.4	93	93	0.0	70 - 130	30	
Acetone	ND	93	76	20.1	49	55	11.5	70 - 130	30	m
Acrylonitrile	ND	95	102	7.1	100	95	5.1	70 - 130	30	
Benzene	ND	102	96	6.1	103	107	3.8	70 - 130	30	
Bromobenzene	ND	103	101	2.0	110	109	0.9	70 - 130	30	
Bromochloromethane	ND	102	102	0.0	103	106	2.9	70 - 130	30	
Bromodichloromethane	ND	106	103	2.9	108	108	0.0	70 - 130	30	
Bromoform	ND	105	108	2.8	103	102	1.0	70 - 130	30	
Bromomethane	ND	101	90	11.5	69	79	13.5	70 - 130	30	m
Carbon Disulfide	ND	101	73	32.2	95	121	24.1	70 - 130	30	r
Carbon tetrachloride	ND	106	97	8.9	108	113	4.5	70 - 130	30	
Chlorobenzene	ND	105	98	6.9	109	111	1.8	70 - 130	30	
Chloroethane	ND	110	88	22.2	44	62	34.0	70 - 130	30	m,r
Chloroform	ND	103	100	3.0	103	104	1.0	70 - 130	30	
Chloromethane	ND	100	91	9.4	99	104	4.9	70 - 130	30	
cis-1,2-Dichloroethene	ND	104	99	4.9	103	101	2.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	97	99	2.0	100	101	1.0	70 - 130	30	
Dibromochloromethane	ND	103	106	2.9	105	104	1.0	70 - 130	30	
Dibromomethane	ND	107	103	3.8	104	106	1.9	70 - 130	30	
Dichlorodifluoromethane	ND	105	112	6.5	69	124	57.0	70 - 130	30	m,r
Ethylbenzene	ND	102	93	9.2	106	110	3.7	70 - 130	30	
Hexachlorobutadiene	ND	108	97	10.7	119	120	0.8	70 - 130	30	
Isopropylbenzene	ND	106	99	6.8	109	110	0.9	70 - 130	30	
m&p-Xylene	ND	105	94	11.1	106	113	6.4	70 - 130	30	
Methyl ethyl ketone	ND	77	83	7.5	66	61	7.9	70 - 130	30	m
Methyl t-butyl ether (MTBE)	ND	93	96	3.2	102	100	2.0	70 - 130	30	
Methylene chloride	ND	92	68	30.0	76	97	24.3	70 - 130	30	l
Naphthalene	ND	105	103	1.9	95	96	1.0	70 - 130	30	
n-Butylbenzene	ND	109	97	11.7	116	120	3.4	70 - 130	30	
n-Propylbenzene	ND	111	100	10.4	111	114	2.7	70 - 130	30	
o-Xylene	ND	111	105	5.6	107	112	4.6	70 - 130	30	
p-Isopropyltoluene	ND	112	100	11.3	114	119	4.3	70 - 130	30	
sec-Butylbenzene	ND	107	98	8.8	110	114	3.6	70 - 130	30	
Styrene	ND	104	99	4.9	108	111	2.7	70 - 130	30	
tert-Butylbenzene	ND	109	99	9.6	108	111	2.7	70 - 130	30	
Tetrachloroethene	ND	108	99	8.7	112	118	5.2	70 - 130	30	
Tetrahydrofuran (THF)	ND	89	99	10.6	96	90	6.5	70 - 130	30	
Toluene	ND	105	97	7.9	107	111	3.7	70 - 130	30	
trans-1,2-Dichloroethene	ND	113	85	28.3	97	125	25.2	70 - 130	30	
trans-1,3-Dichloropropene	ND	97	99	2.0	98	98	0.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	92	100	8.3	89	84	5.8	70 - 130	30	
Trichloroethene	ND	112	105	6.5	97	104	7.0	70 - 130	30	
Trichlorofluoromethane	ND	119	97	20.4	77	92	17.8	70 - 130	30	
Trichlorotrifluoroethane	ND	117	92	23.9	103	125	19.3	70 - 130	30	
Vinyl chloride	ND	105	90	15.4	106	115	8.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	101	101	0.0	99	98	1.0	70 - 130	30	
% Bromofluorobenzene	94	97	96	1.0	99	98	1.0	70 - 130	30	
% Dibromofluoromethane	110	99	105	5.9	104	102	1.9	70 - 130	30	
% Toluene-d8	99	101	100	1.0	100	101	1.0	70 - 130	30	

QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 219637, QC Sample No: BD21832 (BD21831, BD21832 (50, 1X))									
Volatiles - Soil									
1,1,1,2-Tetrachloroethane	ND	98	106	7.8	97	92	5.3	70 - 130	30
1,1,1-Trichloroethane	ND	93	101	8.2	102	96	6.1	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	109	113	3.6	116	116	0.0	70 - 130	30
1,1,2-Trichloroethane	ND	94	93	1.1	94	96	2.1	70 - 130	30
1,1-Dichloroethane	ND	94	98	4.2	101	97	4.0	70 - 130	30
1,1-Dichloroethene	ND	89	111	22.0	116	94	21.0	70 - 130	30
1,1-Dichloropropene	ND	90	95	5.4	102	95	7.1	70 - 130	30
1,2,3-Trichlorobenzene	ND	120	111	7.8	108	121	11.4	70 - 130	30
1,2,3-Trichloropropane	ND	105	100	4.9	101	108	6.7	70 - 130	30
1,2,4-Trichlorobenzene	ND	125	120	4.1	121	128	5.6	70 - 130	30
1,2,4-Trimethylbenzene	ND	111	121	8.6	122	112	8.5	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	98	97	1.0	94	101	7.2	70 - 130	30
1,2-Dibromoethane	ND	93	90	3.3	94	96	2.1	70 - 130	30
1,2-Dichlorobenzene	ND	107	112	4.6	112	107	4.6	70 - 130	30
1,2-Dichloroethane	ND	97	96	1.0	98	99	1.0	70 - 130	30
1,2-Dichloropropane	ND	94	97	3.1	98	97	1.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	109	118	7.9	122	110	10.3	70 - 130	30
1,3-Dichlorobenzene	ND	110	116	5.3	115	108	6.3	70 - 130	30
1,3-Dichloropropane	ND	101	104	2.9	103	103	0.0	70 - 130	30
1,4-Dichlorobenzene	ND	111	116	4.4	117	111	5.3	70 - 130	30
2,2-Dichloropropane	ND	98	103	5.0	99	94	5.2	70 - 130	30
2-Chlorotoluene	ND	108	116	7.1	120	110	8.7	70 - 130	30
2-Hexanone	ND	115	111	3.5	82	88	7.1	70 - 130	30
2-Isopropyltoluene	ND	104	112	7.4	117	109	7.1	70 - 130	30
4-Chlorotoluene	ND	108	116	7.1	120	110	8.7	70 - 130	30
4-Methyl-2-pentanone	ND	91	88	3.4	94	97	3.1	70 - 130	30
Acetone	ND	112	147	27.0	62	51	19.5	70 - 130	30
Acrylonitrile	ND	94	88	6.6	99	102	3.0	70 - 130	30
Benzene	ND	93	96	3.2	100	95	5.1	70 - 130	30
Bromobenzene	ND	103	111	7.5	108	102	5.7	70 - 130	30
Bromochloromethane	ND	93	95	2.1	97	95	2.1	70 - 130	30
Bromodichloromethane	ND	96	99	3.1	92	91	1.1	70 - 130	30
Bromoform	ND	98	102	4.0	81	83	2.4	70 - 130	30
Bromomethane	ND	119	122	2.5	88	81	8.3	70 - 130	30
Carbon Disulfide	ND	83	104	22.5	114	90	23.5	70 - 130	30
Carbon tetrachloride	ND	93	101	8.2	93	86	7.8	70 - 130	30
Chlorobenzene	ND	104	110	5.6	111	105	5.6	70 - 130	30
Chloroethane	ND	94	119	23.5	<40	<40	NC	70 - 130	30
Chloroform	ND	97	99	2.0	101	98	3.0	70 - 130	30
Chloromethane	ND	97	100	3.0	100	99	1.0	70 - 130	30
cis-1,2-Dichloroethene	ND	97	99	2.0	100	100	0.0	70 - 130	30
cis-1,3-Dichloropropene	ND	95	96	1.0	96	95	1.0	70 - 130	30
Dibromochloromethane	ND	102	107	4.8	91	90	1.1	70 - 130	30
Dibromomethane	ND	97	95	2.1	95	99	4.1	70 - 130	30
Dichlorodifluoromethane	ND	102	110	7.5	102	94	8.2	70 - 130	30
Ethylbenzene	ND	101	107	5.8	112	105	6.5	70 - 130	30
Hexachlorobutadiene	ND	108	108	0.0	115	120	4.3	70 - 130	30
Isopropylbenzene	ND	104	116	10.9	116	106	9.0	70 - 130	30
m&p-Xylene	ND	104	111	6.5	115	107	7.2	70 - 130	30
Methyl ethyl ketone	ND	80	75	6.5	54	62	13.8	70 - 130	30

l,m

m

m

QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl t-butyl ether (MTBE)	ND	90	89	1.1	96	98	2.1	70 - 130	30
Methylene chloride	ND	83	106	24.3	105	85	21.1	70 - 130	30
Naphthalene	ND	121	99	20.0	103	130	23.2	70 - 130	30
n-Butylbenzene	ND	118	125	5.8	132	122	7.9	70 - 130	30 m
n-Propylbenzene	ND	111	122	9.4	121	110	9.5	70 - 130	30
o-Xylene	ND	102	108	5.7	110	104	5.6	70 - 130	30
p-Isopropyltoluene	ND	111	120	7.8	123	112	9.4	70 - 130	30
sec-Butylbenzene	ND	105	115	9.1	122	110	10.3	70 - 130	30
Styrene	ND	99	105	5.9	111	103	7.5	70 - 130	30
tert-Butylbenzene	ND	104	113	8.3	117	107	8.9	70 - 130	30
Tetrachloroethene	ND	100	109	8.6	111	102	8.5	70 - 130	30
Tetrahydrofuran (THF)	ND	89	86	3.4	93	99	6.3	70 - 130	30
Toluene	ND	93	97	4.2	104	99	4.9	70 - 130	30
trans-1,2-Dichloroethene	ND	108	112	3.6	118	109	7.9	70 - 130	30
trans-1,3-Dichloropropene	ND	97	96	1.0	95	97	2.1	70 - 130	30
trans-1,4-dichloro-2-butene	ND	107	108	0.9	98	100	2.0	70 - 130	30
Trichloroethene	ND	89	95	6.5	93	88	5.5	70 - 130	30
Trichlorofluoromethane	ND	97	114	16.1	<40	<40	NC	70 - 130	30 m
Trichlorotrifluoroethane	ND	88	111	23.1	116	90	25.2	70 - 130	30
Vinyl chloride	ND	96	107	10.8	113	101	11.2	70 - 130	30
% 1,2-dichlorobenzene-d4	98	98	96	2.1	99	98	1.0	70 - 130	30
% Bromofluorobenzene	95	97	95	2.1	99	99	0.0	70 - 130	30
% Dibromofluoromethane	91	95	97	2.1	93	91	2.2	70 - 130	30
% Toluene-d8	98	98	97	1.0	98	99	1.0	70 - 130	30

QA/QC Batch 219231, QC Sample No: BD21919 (BD21826, BD21827, BD21828, BD21829, BD21830)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	100	98	2.0	120	117	2.5	70 - 130	30
1,1,1-Trichloroethane	ND	97	94	3.1	127	123	3.2	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	92	88	4.4	>150	139	NC	70 - 130	30 m
1,1,2-Trichloroethane	ND	95	93	2.1	111	107	3.7	70 - 130	30
1,1-Dichloroethane	ND	99	95	4.1	118	112	5.2	70 - 130	30
1,1-Dichloroethene	ND	96	92	4.3	121	111	8.6	70 - 130	30
1,1-Dichloropropene	ND	94	91	3.2	117	112	4.4	70 - 130	30
1,2,3-Trichlorobenzene	ND	96	94	2.1	61	65	6.3	70 - 130	30 m
1,2,3-Trichloropropane	ND	95	92	3.2	149	136	9.1	70 - 130	30 m
1,2,4-Trichlorobenzene	ND	93	93	0.0	65	67	3.0	70 - 130	30 m
1,2,4-Trimethylbenzene	ND	100	97	3.0	123	127	3.2	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	95	93	2.1	122	122	0.0	70 - 130	30
1,2-Dibromoethane	ND	91	90	1.1	93	88	5.5	70 - 130	30
1,2-Dichlorobenzene	ND	98	94	4.2	103	103	0.0	70 - 130	30
1,2-Dichloroethane	ND	91	89	2.2	108	101	6.7	70 - 130	30
1,2-Dichloropropane	ND	96	90	6.5	113	110	2.7	70 - 130	30
1,3,5-Trimethylbenzene	ND	100	96	4.1	132	135	2.2	70 - 130	30 m
1,3-Dichlorobenzene	ND	99	95	4.1	109	103	5.7	70 - 130	30
1,3-Dichloropropane	ND	97	96	1.0	116	105	10.0	70 - 130	30
1,4-Dichlorobenzene	ND	97	94	3.1	109	100	8.6	70 - 130	30
2,2-Dichloropropane	ND	99	95	4.1	117	114	2.6	70 - 130	30
2-Chlorotoluene	ND	100	96	4.1	136	128	6.1	70 - 130	30 m
2-Hexanone	ND	75	78	3.9	82	79	3.7	70 - 130	30
2-Isopropyltoluene	ND	98	95	3.1	124	134	7.8	70 - 130	30 m
4-Chlorotoluene	ND	96	92	4.3	120	116	3.4	70 - 130	30
4-Methyl-2-pentanone	ND	84	80	4.9	>150	102	NC	70 - 130	30 m

QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Acetone	ND	71	65	8.8	73	68	7.1	70 - 130	30	l,m
Acrylonitrile	ND	86	85	1.2	104	98	5.9	70 - 130	30	
Benzene	ND	94	90	4.3	112	108	3.6	70 - 130	30	
Bromobenzene	ND	99	93	6.3	125	115	8.3	70 - 130	30	
Bromochloromethane	ND	98	95	3.1	104	95	9.0	70 - 130	30	
Bromodichloromethane	ND	97	94	3.1	107	104	2.8	70 - 130	30	
Bromoform	ND	101	100	1.0	107	101	5.8	70 - 130	30	
Bromomethane	ND	96	92	4.3	109	102	6.6	70 - 130	30	
Carbon Disulfide	ND	85	82	3.6	102	96	6.1	70 - 130	30	
Carbon tetrachloride	ND	96	91	5.3	124	121	2.4	70 - 130	30	
Chlorobenzene	ND	98	96	2.1	110	104	5.6	70 - 130	30	
Chloroethane	ND	100	95	5.1	119	110	7.9	70 - 130	30	
Chloroform	ND	95	96	1.0	113	107	5.5	70 - 130	30	
Chloromethane	ND	92	94	2.2	110	108	1.8	70 - 130	30	
cis-1,2-Dichloroethene	ND	101	93	8.2	101	102	1.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	97	91	6.4	93	88	5.5	70 - 130	30	
Dibromochloromethane	ND	99	101	2.0	117	107	8.9	70 - 130	30	
Dibromomethane	ND	98	89	9.6	101	91	10.4	70 - 130	30	
Dichlorodifluoromethane	ND	95	94	1.1	114	110	3.6	70 - 130	30	
Ethylbenzene	ND	97	94	3.1	120	116	3.4	70 - 130	30	
Hexachlorobutadiene	ND	96	92	4.3	59	85	36.1	70 - 130	30	m,r
Isopropylbenzene	ND	103	98	5.0	148	148	0.0	70 - 130	30	m
m&p-Xylene	ND	97	94	3.1	115	110	4.4	70 - 130	30	
Methyl ethyl ketone	ND	67	61	9.4	65	61	6.3	70 - 130	30	l,m
Methyl t-butyl ether (MTBE)	ND	92	84	9.1	94	99	5.2	70 - 130	30	
Methylene chloride	ND	91	85	6.8	103	94	9.1	70 - 130	30	
Naphthalene	ND	93	92	1.1	133	99	29.3	70 - 130	30	m
n-Butylbenzene	ND	99	96	3.1	107	118	9.8	70 - 130	30	
n-Propylbenzene	ND	104	98	5.9	140	140	0.0	70 - 130	30	m
o-Xylene	ND	105	103	1.9	110	111	0.9	70 - 130	30	
p-Isopropyltoluene	ND	102	98	4.0	117	129	9.8	70 - 130	30	
sec-Butylbenzene	ND	100	95	5.1	127	133	4.6	70 - 130	30	m
Styrene	ND	100	97	3.0	100	96	4.1	70 - 130	30	
tert-Butylbenzene	ND	102	98	4.0	131	140	6.6	70 - 130	30	m
Tetrachloroethene	ND	98	99	1.0	123	127	3.2	70 - 130	30	
Tetrahydrofuran (THF)	ND	88	87	1.1	112	108	3.6	70 - 130	30	
Toluene	ND	97	89	8.6	103	101	2.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	98	91	7.4	106	99	6.8	70 - 130	30	
trans-1,3-Dichloropropene	ND	95	91	4.3	86	79	8.5	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	93	91	2.2	111	98	12.4	70 - 130	30	
Trichloroethene	ND	100	99	1.0	95	120	23.3	70 - 130	30	
Trichlorofluoromethane	ND	102	97	5.0	128	120	6.5	70 - 130	30	
Trichlorotrifluoroethane	ND	97	94	3.1	124	119	4.1	70 - 130	30	
Vinyl chloride	ND	95	92	3.2	110	107	2.8	70 - 130	30	
% 1,2-dichlorobenzene-d4	97	99	101	2.0	95	101	6.1	70 - 130	30	
% Bromofluorobenzene	92	97	101	4.0	96	95	1.0	70 - 130	30	
% Dibromofluoromethane	95	100	102	2.0	104	107	2.8	70 - 130	30	
% Toluene-d8	95	99	99	0.0	93	98	5.2	70 - 130	30	

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

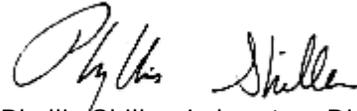
QA/QC Data

SDG I.D.: GBD21826

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

- RPD - Relative Percent Difference
- LCS - Laboratory Control Sample
- LCSD - Laboratory Control Sample Duplicate
- MS - Matrix Spike
- MS Dup - Matrix Spike Duplicate
- NC - No Criteria
- Intf - Interference



Phyllis Shiller, Laboratory Director
January 31, 2013

Sample Criteria Exceedences Report

Requested Criteria: 375, 375RS

GBD21826 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD21826	\$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	56	50	50	ug/Kg
BD21826	\$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	9100	260	1000	1000	ug/Kg
BD21826	\$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	9100	260	1000	1000	ug/Kg
BD21826	\$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	8500	260	1000	1000	ug/Kg
BD21826	\$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8500	260	1000	1000	ug/Kg
BD21826	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	8700	260	1000	1000	ug/Kg
BD21826	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	8700	260	1000	1000	ug/Kg
BD21826	\$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3400	260	1000	1000	ug/Kg
BD21826	\$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3400	260	800	800	ug/Kg
BD21826	\$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	6600	260	1000	1000	ug/Kg
BD21826	\$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	6600	260	1000	1000	ug/Kg
BD21826	\$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	3500	260	500	500	ug/Kg
BD21826	\$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3500	260	500	500	ug/Kg
BD21826	\$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	1300	260	330	330	ug/Kg
BD21826	\$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	260	330	330	ug/Kg
BD21826	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	69.5	0.35	50	50	mg/kg
BD21826	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.33	0.08	0.81	0.81	mg/Kg
BD21826	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.33	0.08	0.18	0.18	mg/Kg
BD21826	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	194	3.5	63	63	mg/Kg
BD21826	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	213	3.5	109	109	mg/Kg
BD21827	\$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	56	50	50	ug/Kg
BD21827	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.07	0.08	0.81	0.81	mg/Kg
BD21827	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.07	0.08	0.18	0.18	mg/Kg
BD21827	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	134	3.8	63	63	mg/Kg
BD21828	\$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	56	50	50	ug/Kg
BD21828	\$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	3300	250	1000	1000	ug/Kg
BD21828	\$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3300	250	1000	1000	ug/Kg
BD21828	\$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3100	250	1000	1000	ug/Kg
BD21828	\$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3100	250	1000	1000	ug/Kg
BD21828	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4100	250	1000	1000	ug/Kg
BD21828	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4100	250	1000	1000	ug/Kg
BD21828	\$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1300	250	1000	1000	ug/Kg
BD21828	\$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	250	800	800	ug/Kg
BD21828	\$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	3300	250	1000	1000	ug/Kg
BD21828	\$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3300	250	1000	1000	ug/Kg
BD21828	\$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1900	250	500	500	ug/Kg
BD21828	\$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1900	250	500	500	ug/Kg
BD21828	\$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	520	250	330	330	ug/Kg
BD21828	\$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	520	250	330	330	ug/Kg
BD21828	\$PCB_SMR	PCB-1016	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	100	100	ug/Kg

Sample Criteria Exceedences Report

Requested Criteria: 375, 375RS

GBD21826 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD21828	\$PCB_SMR	PCB-1221	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	100	100	ug/Kg
BD21828	\$PCB_SMR	PCB-1232	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	100	100	ug/Kg
BD21828	\$PCB_SMR	PCB-1242	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	100	100	ug/Kg
BD21828	\$PCB_SMR	PCB-1248	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	100	100	ug/Kg
BD21828	\$PCB_SMR	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	100	100	ug/Kg
BD21828	\$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	360	100	100	ug/Kg
BD21828	\$PEST_SMR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	5.4	5	5	ug/Kg
BD21828	\$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	11	3.3	3.3	ug/Kg
BD21828	\$PEST_SMR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	5.4	5	5	ug/Kg
BD21828	\$PEST_SMR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	34	14	14	ug/Kg
BD21828	\$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	11	3.3	3.3	ug/Kg
BD21828	\$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	11	3.3	3.3	ug/Kg
BD21828	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.30	0.08	0.81	0.81	mg/Kg
BD21828	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.30	0.08	0.18	0.18	mg/Kg
BD21828	PB-SM	Lead	NY / 375-6.8 Metals / Residential	476	3.8	400	400	mg/Kg
BD21828	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	476	3.8	63	63	mg/Kg
BD21828	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	113	3.8	109	109	mg/Kg
BD21829	\$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	56	50	50	ug/Kg
BD21829	\$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2600	250	1000	1000	ug/Kg
BD21829	\$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2600	250	1000	1000	ug/Kg
BD21829	\$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2700	250	1000	1000	ug/Kg
BD21829	\$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	250	1000	1000	ug/Kg
BD21829	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2900	250	1000	1000	ug/Kg
BD21829	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2900	250	1000	1000	ug/Kg
BD21829	\$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	250	1000	1000	ug/Kg
BD21829	\$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	250	800	800	ug/Kg
BD21829	\$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2100	250	1000	1000	ug/Kg
BD21829	\$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	250	1000	1000	ug/Kg
BD21829	\$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1200	250	500	500	ug/Kg
BD21829	\$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1200	250	500	500	ug/Kg
BD21829	\$PCB_SMR	PCB-1016	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	100	100	ug/Kg
BD21829	\$PCB_SMR	PCB-1221	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	100	100	ug/Kg
BD21829	\$PCB_SMR	PCB-1232	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	100	100	ug/Kg
BD21829	\$PCB_SMR	PCB-1242	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	100	100	ug/Kg
BD21829	\$PCB_SMR	PCB-1248	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	100	100	ug/Kg
BD21829	\$PCB_SMR	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	100	100	ug/Kg
BD21829	\$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	180	100	100	ug/Kg
BD21829	\$PEST_SMR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	35	20	20	ug/Kg
BD21829	\$PEST_SMR	Heptachlor	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	73	42	42	ug/Kg
BD21829	\$PEST_SMR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	11	5	5	ug/Kg
BD21829	\$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	22	3.3	3.3	ug/Kg

Sample Criteria Exceedences Report

Requested Criteria: 375, 375RS

GBD21826 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD21829	\$PEST_SMR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	29	5	5	ug/Kg
BD21829	\$PEST_SMR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	70	14	14	ug/Kg
BD21829	\$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	22	3.3	3.3	ug/Kg
BD21829	\$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	22	3.3	3.3	ug/Kg
BD21829	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	17.0	0.7	16	16	mg/Kg
BD21829	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	17.0	0.7	13	13	mg/Kg
BD21829	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.60	0.07	0.18	0.18	mg/Kg
BD21829	PB-SM	Lead	NY / 375-6.8 Metals / Residential	552	3.7	400	400	mg/Kg
BD21829	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	552	3.7	63	63	mg/Kg
BD21829	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	121	3.7	109	109	mg/Kg
BD21830	\$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	56	50	50	ug/Kg
BD21830	\$PCB_SMR	PCB-1016	NY / 375-6.8 PCBs/Pesticides / Residential	ND	3600	1000	1000	ug/Kg
BD21830	\$PCB_SMR	PCB-1016	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3600	100	100	ug/Kg
BD21830	\$PCB_SMR	PCB-1221	NY / 375-6.8 PCBs/Pesticides / Residential	ND	3600	1000	1000	ug/Kg
BD21830	\$PCB_SMR	PCB-1221	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3600	100	100	ug/Kg
BD21830	\$PCB_SMR	PCB-1232	NY / 375-6.8 PCBs/Pesticides / Residential	ND	3600	1000	1000	ug/Kg
BD21830	\$PCB_SMR	PCB-1232	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3600	100	100	ug/Kg
BD21830	\$PCB_SMR	PCB-1242	NY / 375-6.8 PCBs/Pesticides / Residential	ND	3600	1000	1000	ug/Kg
BD21830	\$PCB_SMR	PCB-1242	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3600	100	100	ug/Kg
BD21830	\$PCB_SMR	PCB-1248	NY / 375-6.8 PCBs/Pesticides / Residential	ND	3600	1000	1000	ug/Kg
BD21830	\$PCB_SMR	PCB-1248	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3600	100	100	ug/Kg
BD21830	\$PCB_SMR	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Residential	ND	3600	1000	1000	ug/Kg
BD21830	\$PCB_SMR	PCB-1254	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3600	100	100	ug/Kg
BD21830	\$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Residential	ND	3600	1000	1000	ug/Kg
BD21830	\$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND	3600	100	100	ug/Kg
BD21830	\$PEST_SMR	a-BHC	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	34	20	20	ug/Kg
BD21830	\$PEST_SMR	Heptachlor	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	210	42	42	ug/Kg
BD21830	\$PEST_SMR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Residential	ND*	24	19	19	ug/Kg
BD21830	\$PEST_SMR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	24	5	5	ug/Kg
BD21830	\$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	28	3.3	3.3	ug/Kg
BD21830	\$PEST_SMR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	10	5	5	ug/Kg
BD21830	\$PEST_SMR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	67	14	14	ug/Kg
BD21830	\$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	21	3.3	3.3	ug/Kg
BD21830	\$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	21	3.3	3.3	ug/Kg
BD21831	\$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	56	50	50	ug/Kg
BD21831	\$PEST_SMR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	6.3	5	5	ug/Kg
BD21831	\$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	12	3.3	3.3	ug/Kg
BD21831	\$PEST_SMR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	6.3	5	5	ug/Kg
BD21831	\$PEST_SMR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	40	14	14	ug/Kg
BD21831	\$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	12	3.3	3.3	ug/Kg

Sample Criteria Exceedences Report

Requested Criteria: 375, 375RS

GBD21826 - EBC

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Criteria	Analysis Units
BD21831	\$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	12	3.3	3.3	3.3	ug/Kg
BD21831	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	84.0	0.42	50	50	50	mg/kg
BD21831	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.96	0.09	0.81	0.81	0.81	mg/Kg
BD21831	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.96	0.09	0.18	0.18	0.18	mg/Kg
BD21831	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	132	4.2	63	63	63	mg/Kg
BD21831	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	152	4.2	109	109	109	mg/Kg
BD21832	\$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	65	56	50	50	50	ug/Kg
BD21832	\$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	1700	270	1000	1000	1000	ug/Kg
BD21832	\$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1700	270	1000	1000	1000	ug/Kg
BD21832	\$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	1600	270	1000	1000	1000	ug/Kg
BD21832	\$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	270	1000	1000	1000	ug/Kg
BD21832	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1800	270	1000	1000	1000	ug/Kg
BD21832	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1800	270	1000	1000	1000	ug/Kg
BD21832	\$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	1400	270	1000	1000	1000	ug/Kg
BD21832	\$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1400	270	1000	1000	1000	ug/Kg
BD21832	\$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	590	270	500	500	500	ug/Kg
BD21832	\$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	590	270	500	500	500	ug/Kg
BD21832	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.96	0.09	0.81	0.81	0.81	mg/Kg
BD21832	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.96	0.09	0.18	0.18	0.18	mg/Kg
BD21832	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	141	3.8	63	63	63	mg/Kg
BD21833	\$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	110	56	50	50	50	ug/Kg
BD21833	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	1000	ug/Kg
BD21833	\$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	1000	1000	1000	ug/Kg
BD21833	AS-SM	Arsenic	NY / 375-6.8 Metals / Residential	18.3	0.8	16	16	16	mg/Kg
BD21833	AS-SM	Arsenic	NY / 375-6.8 Metals / Unrestricted Use Soil	18.3	0.8	13	13	13	mg/Kg
BD21833	BA-SM	Barium	NY / 375-6.8 Metals / Residential	1280	0.40	350	350	350	mg/Kg
BD21833	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	1280	0.40	350	350	350	mg/Kg
BD21833	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.37	0.07	0.81	0.81	0.81	mg/Kg
BD21833	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.37	0.07	0.18	0.18	0.18	mg/Kg
BD21833	PB-SM	Lead	NY / 375-6.8 Metals / Residential	2020	40	400	400	400	mg/Kg
BD21833	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	2020	40	63	63	63	mg/Kg
BD21833	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	469	4.0	109	109	109	mg/Kg
BD21834	\$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	56	50	50	50	ug/Kg
BD21834	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	2.31	0.08	0.81	0.81	0.81	mg/Kg
BD21834	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	2.31	0.08	0.18	0.18	0.18	mg/Kg
BD21834	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	82.1	0.42	63	63	63	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this 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.



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



NY Temperature Narration

January 31, 2013

SDG I.D.: GBD21826

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

NY/NJ CHAIN OF CUSTODY RECORD



587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-8726

Customer: EBC Project: 24 Middleton St. Project P.O.:
 Address: 1808 Middle Country Rd Report to: EBC Phone #: 631-504-6000
Fliege, NY 11861 Invoice to: EBC Fax #:

Sampler's Signature: [Signature] Date: 1/18/13
 Client Sample - Information - Identification
 Matrix Code: DW = drinking water S = soil/solid O = oil
 GW = groundwater SL = sludge A = air X = other

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
21826	B4 0-2	S	1/18/13	
21827	B4 8-10			
21828	B3 0-2			
21829	B3 8-10			
21830	B2 0-2			
21831	B2 8-10			
21832	Duplicate			
21833	B1 0-2			
21834	B1 8-10			

Analysis Request
VOCs & 260
PCBs & 270
Metals 6010, 1310, 1380

Soil VOA Methanol (15 Bisleike) (1 H2O)	
GL Soil container () oz	
GL VOA Methanol (15 Bisleike) (1 H2O)	
GL Soil container () oz	
GL Amber 100ml (15 Bisleike) (1 H2O)	
PL As le (1250ml) (15 Bisleike) (1 H2O)	
PL H2SO4 (1250ml) (15 Bisleike) (1 H2O)	
PL H2SO4 (250ml) (15 Bisleike) (1 H2O)	
PL H2SO4 (250ml) (15 Bisleike) (1 H2O)	
Bacteria Bottle	

Relinquished by: [Signature] Accepted by: [Signature] Date: 1-21-13 Time: 11:30

Comments, Special Requirements or Regulations:

Turnaround:
 1 Day*
 2 Days*
 3 Days*
 5 Days
 10 Days
 Other
 * SURCHARGE APPLIES

NY
 TOGS GA GW
 CP-51 Soil
 NY375 Unrestricted Soil
 NY375 Residential Soil
 NY375 Restricted Non-Residential Soil

NJ
 Res. Criteria
 Non-Res. Criteria
 Impact to GW Soil Cleanup Criteria
 GW Criteria

Data Format:
 Phoenix Std Report
 Excel
 PDF
 GIS/Key
 EQUIS
 NJ Hazsite EDD
 NY EZ EDD (ASP)
 Other

Data Package:
 NJ Reduced Deliv.*
 NY Enhanced (ASP B)*
 Other

State where samples were collected: NY

Temp Pg of 1

Data Delivery:
 Fax #:
 Email: CSOSITE@exkinny.com