82 THROOP AVENUE

BROOKLYN, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 13CVCP147K

Prepared for:

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Prepared by:

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JUNE 2013

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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 VCP	New York City Voluntary 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, Kristen DiScenza, 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 82 Throop Avenue, Brooklyn, NY, (NYC VCP Site No. 13CVCP147K). 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.

Kristen DiScenza	6/10/13	
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 82 Throop Avenue in the Williamsburg section of Brooklyn, New York, and is identified as Block 2266 and Lot 34 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 2,548-square feet and is bounded by Block 2266 Lot 32 (vacant land) to the north, Gerry Street and Block 2269 Lot 27 (vacant land) to the south, Throop Avenue and Block 2267 Lot 7501 (multi-story mixed residential/commercial building) to the east, and Block 2266 Lot 36 (vacant land) to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is undeveloped, vacant and uncapped.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of redeveloping the Lot with a 4-story apartment building. The 25.48 ft wide tax lot will have a full cellar beneath the footprint of the building. The building will extend approximately 65 feet. Therefore, the gross building square footage will be approximately 8,125 ft^2. There will be a rear cellar level walk-out court yard behind the building, which will be approximately 35 feet deep. The concrete slab of the cellar will be approximately 6 feet 4 inches below sidewalk level. The street front portion of the cellar will consist of a boiler room, gas meter room, electric meter room and a large open cellar area. The remaining portions of the cellar will consist of residential space. The building will consist of three residential units.

Excavation for new building and rear cellar level court yard will likely extend to a depth of approximately 8 feet below grade for construction of the buildings cellar levels and foundations. Assuming an excavation volume of approximately 25 feet (wide) by 100 feet (length) and 8 feet (deep), a total of approximately 750 cubic yards (1,100 tons) of soil will require excavation. The

slab and rear cellar level court yard for each building will be capped with a 1 ft 6 inch layer of concrete.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is R7A with C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

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, the Site was developed with a two small residential structures prior to 1887. Between 1887 and 1904, one of the small residential buildings was replaced with a 4-story apartment building with a first floor store and the small residential building behind the 4-story apartment building converted the first floor space into two small stores. The 1st floor of the 4-story apartment building was utilized as a grocery store from the 1940's to the 1970's. In the early 1980's, the both buildings were demolished. The Site has remained undeveloped since, but the property was used for lumber storage until approximately 2003. The Site appears to have been unused since 2003.

The AOCs identified for this Site include:

1. Historic fill layer is present at the Site from grade to depths as great as 3 feet below grade.

Summary of the Work Performed under the Remedial Investigation

Throop Wallabout Realty, LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed three soil borings across the entire project Site, and collected six 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 and one duplicate groundwater sample 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 ranges from 24 to 25 feet.
2. Depth to groundwater ranges from 10.03 to 12.34 feet at the Site.
3. Groundwater flow is generally from south to north beneath the Site.
4. Depth to bedrock is at the Site is greater than 100 feet.
5. The stratigraphy of the Site, from the surface down, consists of 3 feet of historic fill underlain by native brown silty sand.
6. Soil/fill samples collected during the RI showed no detectable concentrations of VOCs. Six SVOCs including benzo(a)anthracene (max. of 3,300 µg/Kg), benzo(a)pyrene (max. of 2,900 µg/Kg), benzo(b)fluoranthene (max. of 4,300 µg/Kg), benzo-(k)fluoranthene (max. of 1,600 µg/Kg), chrysene (max. of 3,500 µg/Kg), and indeno(1,2,3-cd)pyrene (max. of 1,100 µg/Kg) were detected above their respective Restricted Residential SCOs within all shallow soil samples. The SVOCs detected above Unrestricted/Restricted Residential SCOs are all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed during the sampling. Three pesticides 4,4'-DDE (34 µg/Kg), 4,4'-DDT (max. of 140 µg/Kg), and dieldrin (11 µg/Kg) were detected above Unrestricted Use SCOs. One pesticide, 4,4'-DDD (3.6 µg/Kg), was detected in one deep soil sample (SB2). All pesticide concentrations were well below Restricted Residential SCOs. One PCB, PCB-1260, was detected above Unrestricted Use SCOs at a maximum concentration of 130 µg/Kg. Five metals including barium (max. of 642 µg/Kg), copper (max. of 97.7 µg/Kg), lead (max. of 967 µg/Kg), mercury (max. of 1.15 µg/Kg) and zinc (max. of 537 µg/Kg) exceeded Unrestricted Use SCOs in all three shallow soil samples. Of these metals, barium, lead, and mercury also exceeded Restricted Residential SCOs. Zinc was detected in one deep soil sample, above Unrestricted Use SCOs at a concentration of 190 µg/Kg. No VOCs, SVOCs, PCBs, or pesticides were detected above Unrestricted Use SCOs within the deep soil samples collected at the Site. Overall, the findings were unremarkable and consistent with observations for historical fill sites in areas throughout NYC.

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7. Groundwater samples collected during the RI showed the presence of three VOCs above GQSs within one of the monitoring wells and included cis-1,2-dichloroethene (350 µg/L), tetrachloroethene (21 µg/L), and trichloroethene (31 µg/L). No VOCs were identified in any of the soil samples collected on Site and are not associated with known historical uses of the property. Several SVOCs were detected in one or more of the three monitoring wells, but only five of the SVOCs including benzo(a)anthracene, benzo(b)fluoranthene, benzo-(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were detected at a concentration above GQS. One pesticide, 4,4'-DDT, was detected slightly above GQS at a concentration of 0.15 µg/L. PCBs were not detected. The metals including iron, lead (36 µg/L), magnesium, manganese, and sodium were detected above their respective GQS in one or more dissolved groundwater samples.
8. Soil vapor samples collected during the RI showed petroleum and chlorinated VOCs at low to moderate concentrations. Tetrachloroethylene (max. of 2.17 $\mu g/m^3$), trichloroethylene (max. of 1.88 $\mu g/m^3$), and carbon tetrachloride (max. of 0.566 $\mu g/m^3$) were detected in all three soil vapor samples. 1,1,1-trichloroethane was detected in one of the three samples at a concentration of 1.14 $\mu g/m^3$. The PCE, TCE, carbon tetrachloride, and 1,1,1-TCA concentrations are below the monitoring level ranges established within the State DOH soil vapor guidance matrix. Overall the highest reported concentrations were for acetone (maximum of 2,610 $\mu g/m^3$) and ethanol (maximum of 1,520 $\mu g/m^3$).

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REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Throop Wallabout Realty, LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.058-acre Site located at 82 Throop Avenue in the Williamsburg section of Brooklyn, New York. Residential use is proposed for the property. The RI work was performed between May 13, 2013, and May 14, 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 82 Throop Avenue in the Williamsburg section of Brooklyn, New York, and is identified as Block 2266 and Lot 34 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 2,548-square feet and is bounded by Block 2266 Lot 32 (vacant land) to the north, Gerry Street and Block 2269 Lot 27 (vacant land) to the south, Throop Avenue and Block 2267 Lot 7501 (multi-story mixed residential/commercial building) to the east, and Block 2266 Lot 36 (vacant land) to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is undeveloped, vacant and uncapped.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of redeveloping the Lot with a 4-story apartment building. The 25.48 ft wide tax lot will have a full cellar beneath the footprint of the building. The building will extend approximately 65 feet. Therefore, the gross building square footage will be approximately 8,125 ft^2. There will be a rear cellar level walk-out court yard behind the building, which will be approximately 35 feet deep. The concrete slab of the cellar will be approximately 6 feet 4 inches below sidewalk level. The street front portion of the cellar will consist of a boiler room, gas meter room, electric meter room and a large open cellar area. The remaining portions of the cellar will consist of residential space. The building will consist of three residential units.

Excavation for new building and rear cellar level court yard will likely extend to a depth of approximately 8 feet below grade for construction of the buildings cellar levels and foundations. Assuming an excavation volume of approximately 25 feet (wide) by 100 feet (length) and 8 feet (deep), a total of approximately 750 cubic yards (1,100 tons) of soil will require excavation. The slab and rear cellar level court yard for each building will be capped with a 1 ft 6 inch layer of concrete.

Layout of the proposed site development is presented in Figure 3. The current zoning designation is R7A with C2-4 commercial overlay. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The area surrounding the Site consists of a mix of residential and industrial 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	Block 2266, Lots 30, 31 and 32 (74-76 Throop Avenue) – Lots 30 and 31 are developed with 1-story industrial buildings. Lot 32 is a vacant uncapped lot.
South – Opposite side of Gerry Street	Block 2269, Lot 27 (84 Throop Avenue) – A 25ft by 70ft lot located on the corner of Throop Avenue and Gerry Street. The lot is undeveloped, vacant and uncapped.
East – Opposite side of Throop Avenue	Block 2267, Lot 7501 (133 Gerry Street) – Developed with 4-story mixed residential and commercial building.
West – Adjacent property	Block 2266, Lot 36 (99 Gerry Street) – A 25ft by 100ft lot located that fronts Gerry Street. The lot is undeveloped, vacant and uncapped.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

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, the Site was developed with a two small residential structures prior to 1887. Between 1887 and 1904, one of the small residential buildings was replaced with a 4-story apartment building with a first floor store and the small residential building behind the 4-story apartment building converted the first floor space into two small stores. The 1st floor of the 4-story apartment building was utilized as a grocery store from the 1940's to the 1970's. In the early 1980's, the both buildings were demolished. The Site has remained undeveloped since, but the property was used for lumber storage until approximately 2003. The Site appears to have been unused since 2003.

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 10, 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 an undeveloped/vacant lot. An 8 foot high chain link fence was present along the perimeter of the property on Gerry Street and wrapped around the adjacent property on Throop Avenue. The groundcover consisted of soil and vegetation over the entire lot.

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 3 feet below grade.

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

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3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Kristen DiScenza.

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.

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4.0 REMEDIAL INVESTIGATION ACTIVITIES

Throop Wallabout, LLC performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed three soil borings across the entire project Site, and collected six 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 and one duplicate groundwater sample 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 May 13, 2013, three soil borings (SB1 - SB3) were performed in the approximate locations shown on Figure 5. The three soil boring locations were chosen to gain representative soil and groundwater quality information across the Site. For each of the three soil borings, soil samples were collected continuously from grade to a final depth of 10 feet below existing grade using a five-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 the of 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.

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 (SB1 through SB3) set to intersect the water table. Since groundwater was encountered at approximately 11 feet below grade, monitoring wells were installed to a depth of 18 feet. Monitoring well sampling details are provided in Table 1. Monitoring well locations are shown in Figure 5.

Survey

Soil borings and wells were located to the nearest 0.10 foot with respect to two or more permanent site features.

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

Six soil samples 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 location of samples collected in this investigation. Laboratories and analytical methods are shown below.

The six 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 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 18 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 of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides/PCBs by EPA Methods 8081/8082 and TAL metals. Groundwater sample collection data is reported in Tables 6 through 10. Sampling logs with information on purging and sampling of groundwater monitor wells are 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 8 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 three implants installed on May 13, 2013, was conducted on May 14, 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 sample 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 D). 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: • 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: • 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: • VOCs by TO-15 VOC parameters..

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.

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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 three feet below grade. Native soil consisting of brown sand is present below the historic fill layer.

Hydrogeology

A table of water level data for all monitor wells is included in Table 12. The average depth to groundwater is 11 feet below grade and the range in depth is 10.03 to 12.34 feet below grade. A map of groundwater level elevations with groundwater contours and inferred flow lines is shown in Figure 9. Groundwater flow is from south to north.

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 detectable concentrations of VOCs. Six SVOCs including benzo(a)anthracene (max. of 3,300 µg/Kg), benzo(a)pyrene (max. of 2,900 µg/Kg), benzo(b)fluoranthene (max. of 4,300 µg/Kg), benzo-(k)fluoranthene (max. of 1,600 µg/Kg), chrysene (max. of 3,500 µg/Kg), and indeno(1,2,3-cd)pyrene (max. of 1,100 µg/Kg), were detected above their respective Restricted Residential SCOs within all three shallow soil samples. The SVOCs detected above Unrestricted/Restricted Residential SCOs are all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed during the sampling. Three pesticides 4,4'-DDE (34 µg/Kg), 4,4'-DDT (max. of 140 µg/Kg), and dieldrin (11 µg/Kg) were detected above Unrestricted Use SCOs

in two of the three shallow soil samples collected. One pesticide, 4,4'-DDD (3.6 µg/Kg), was detected in one deep soil sample (SB2). Chlordane was also detected at 220 µg/Kg. All pesticide concentrations were well below Restricted Residential SCOs. One PCB, PCB-1260, was detected above Unrestricted Use SCOs in two of the three shallow soil samples, at a maximum concentration of 130 µg/Kg. Five metals including barium (max. of 642 µg/Kg), copper (max. of 97.7 µg/Kg), lead (max. of 967 µg/Kg), mercury (max. of 1.15 µg/Kg) and zinc (max. of 537 µg/Kg) exceeded Unrestricted Use SCOs in all three shallow soil samples. Of these metals, barium, lead, and mercury also exceeded Restricted Residential SCOs, in all three shallow samples. Zinc was detected in one deep soil sample, SB2, above Unrestricted Use SCOs at a concentration of 190 µg/Kg. No VOCs, SVOCs, PCBs, or pesticides were detected above Unrestricted Use SCOs within two of the three deep soil samples collected at the Site. Overall, the findings were consistent with observations for historical fill sites in areas throughout NYC.

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 the presence of three VOCs above GQSs within one of the monitoring wells and included cis-1,2-dichloroethene (350 µg/L), tetrachloroethene (21 µg/L), and trichloroethene (31 µg/L). No VOCs were identified in any of the soil samples collected on Site and are not associated with known historical uses of the property. Several SVOCs were detected in one or more of the three monitoring wells, but only five of the SVOCs including benzo(a)anthracene, benzo(b)fluoranthene, benzo-(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were detected at a concentration above GQS. One pesticide, 4,4'-DDT, was detected slightly above GQS at a concentration of 0.15 µg/L. PCBs were not detected. The metals including iron, lead (36 µg/L), magnesium, manganese, and sodium were detected above their respective GQS in one or more dissolved groundwater samples.

5.4 Soil Vapor Chemistry

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.

Soil vapor samples collected during the RI showed petroleum and chlorinated VOCs at low to moderate concentrations. Tetrachloroethylene (max. of 2.17 $\mu g/m^3$), trichloroethylene (max. of 1.88 $\mu g/m^3$), and carbon tetrachloride (max. of 0.566 $\mu g/m^3$) were detected in all three soil vapor samples. 1,1,1-trichloroethane was detected in one of the three samples at a concentration of 1.14 $\mu g/m^3$. The PCE, TCE, carbon tetrachloride, and 1,1,1-TCA concentrations are below the monitoring level ranges established within the State DOH soil vapor guidance matrix. Concentrations of petroleum-related VOCs (BTEX) ranged from approximately 40.48 $\mu g/m^3$ to 48.56 $\mu g/m^3$. Overall the highest reported concentrations were for acetone (maximum of 2,610 $\mu g/m^3$) and ethanol (maximum of 1,520 $\mu g/m^3$).

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.

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TABLES

Table 1
82 Throop Avenue,
Brooklyn, NY
Soil Boring / Well Information

SAMPLE ID	Date	Total Depth (ft)	Diameter (in)	Construction Materials	Screen Length (ft)	DTW (ft)
B1	5/13/2013	10	2	Geoprobe	-	-
B2	5/13/2013	10	2	Geoprobe	-	-
B3	5/13/2013	10	2	Geoprobe	-	-
MW1	5/14/2013	18	1	PVC	10.00	10.03
MW2	5/14/2013	18	1	PVC	10.00	12.34
MW3	5/14/2013	18	1	PVC	10.00	10.87

TABLE 2
82 Throop Avenue,
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*	SB1				SB2				SB3				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		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,1,1,2-Tetrachlorothane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,1,1-Trichloroethane	680	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,1,2,2-Tetrachloroethane			ND	3.2	ND	88	ND	3.3	ND	4	ND	3.4	ND	3.8	ND	5.7
1,1,2-Trichloroethane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,1-Dichloroethane	270	26,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,1-Dichloroethene	330	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,1-Dichloropropene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,2,3-Trichlorobenzene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,2,3-Trichloropropane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,2,4-Trichlorobenzene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,2,4-Trimethylbenzene	3,600	52,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,2-Dibromo-3-chloropropane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,2-Dichlorobenzene	1,100	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,2-Dichloroethane	20	3,100	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,2-Dichloropropane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,3,5-Trimethylbenzene	8,400	52,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,3-Dichlorobenzene	2,400	4,900	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,3-Dichloropropane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
1,4-Dichlorobenzene	1,800	13,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
2,2-Dichloropropane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
2-Chlorotoluene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
2-Hexanone (Methyl Butyl Ketone)			ND	26	ND	740	ND	27	ND	33	ND	29	ND	32	ND	47
2-Isopropyltoluene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
4-Chlorotoluene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
4-Methyl-2-Pentanone			ND	26	ND	740	ND	27	ND	33	ND	29	ND	32	ND	47
Acetone	50	100,000	ND	26	ND	2900	ND	27	ND	33	ND	29	ND	32	ND	47
Acrylonitrile			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Benzene	60	4,800	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Bromobenzene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Bromochloromethane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Bromodichloromethane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Bromoform			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Bromomethane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Carbon Disulfide			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Carbon tetrachloride	760	2,400	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Chlorobenzene	1,100	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Chloroethane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Chloroform	370	49,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Chloromethane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
cis-1,2-Dichloroethene	250	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
cis-1,3-Dichloropropene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Dibromochloromethane			ND	3.2	ND	88	ND	3.3	ND	4	ND	3.4	ND	3.8	ND	5.7
Dichlorodifluoromethane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Ethylbenzene	1,000	41,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Hexachlorobutadiene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Isopropylbenzene			ND	5.3	220	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
m&p-Xylenes	260	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Methyl Ethyl Ketone (2-Butanone)	120	100,000	ND	32	ND	880	ND	33	ND	40	ND	34	ND	38	ND	57
Methyl t-butyl ether (MTBE)	930	100,000	ND	11	ND	290	ND	11	ND	13	ND	11	ND	13	ND	19
Methylene chloride	50	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Naphthalene	12,000	100,000	ND	5.3	150	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
n-Butylbenzene	12,000	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
n-Propylbenzene	3,900	100,000	ND	5.3	310	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
o-Xylene	260	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
p-Isopropyltoluene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
sec-Butylbenzene	11,000	100,000	ND	5.3	410	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Styrene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
tert-Butylbenzene	5,900	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Tetrachloroethene	1,300	19,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Tetrahydrofuran (THF)			ND	11	ND	290	ND	11	ND	13	ND	11	ND	13	ND	19
Toluene	700	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Total Xylenes			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
trans-1,2-Dichloroethene	190	100,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
trans-1,3-Dichloropropene			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
trabs-1,4-dichloro-2-butene			ND	11	ND	290	ND	11	ND	13	ND	11	ND	13	ND	19
Trichloroethene	470	21,000	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Trichlorofluoromethane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Trichlorotrifluoroethane			ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Vinyl Chloride	20	900	ND	5.3	ND	150	ND	5.4	ND	6.7	ND	5.7	ND	6.3	ND	9.4
Total BTEX Concentration			**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**	
Total VOCs Concentration			**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**		**0.0**	

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 RRSCO Guidance Value

TABLE 3
82 Throop Avenue,
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*	SB1				SB2				SB3				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		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
1,2,4,5-Tetrachlorobenzene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
1,2,4-Trichlorobenzene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
1,2-Dichlorobenzene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
1,2-Diphenylhydrazine			ND	760	ND	370	ND	400	ND	370	ND	390	ND	380	ND	380
1,3-Dichlorobenzene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
1,4-Dichlorobenzene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2,4,5-Trichlorophenol			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2,4,6-Trichlorophenol			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2,4-Dichlorophenol			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2,4-Dimethylphenol			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2,4-Dinitrophenol			ND	1200	ND	600	ND	640	ND	590	ND	620	ND	610	ND	600
2,4-Dinitrotoluene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2,6-Dinitrotoluene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2-Chloronaphthalene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2-Chlorophenol			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2-Methylnaphthalene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2-Methylphenol (o-cresol)	330	100,000	ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
2-Nitroaniline			ND	1200	ND	600	ND	640	ND	590	ND	620	ND	610	ND	600
2-Nitrophenol			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
3&4-Methylphenol (m&p-cresol)			ND	760	ND	370	ND	400	ND	370	ND	390	ND	380	ND	380
3,3'-Dichlorobenzidine			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
3-Nitroaniline			ND	1200	ND	600	ND	640	ND	590	ND	620	ND	610	ND	600
4,6-Dinitro-2-methylphenol			ND	2,200	ND	1,100	ND	1,200	ND	1,100	ND	1,100	ND	1,100	ND	1100
4-Bromophenyl phenyl ether			ND	760	ND	370	ND	400	ND	370	ND	390	ND	380	ND	380
4-Chloro-3-methylphenol			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
4-Chloroaniline			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
4-Chlorophenyl phenyl ether			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
4-Nitroaniline			ND	1200	ND	600	ND	640	ND	590	ND	620	ND	610	ND	600
4-Nitrophenol			ND	2,200	ND	1,100	ND	1,200	ND	1,100	ND	1,100	ND	1,100	ND	1100
Acenaphthene	20,000	100,000	ND	530	ND	260	**360**	280	ND	260	ND	270	ND	270	ND	260
Acenaphthylene	100,000	100,000	ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	**300**	260
Acetophenone			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Aniline			ND	2,200	ND	1,100	ND	1,200	ND	1,100	ND	1,100	ND	1,100	ND	1100
Anthracene	100,000	100,000	**890**	530	ND	260	**1,100**	280	ND	260	**490**	270	ND	270	**600**	260
Benz(a)anthracene	1,000	1,000	**3,300**	530	ND	260	**3,100**	280	**510**	260	**2,300**	270	ND	270	**2,200**	260
Benzidine			ND	920	ND	450	ND	480	ND	450	ND	470	ND	460	ND	450
Benzo(a)pyrene	1,000	1,000	**2,900**	530	ND	260	**2,700**	280	**370**	260	**2,100**	270	ND	270	**2,000**	260
Benzo(b)fluoranthene	1,000	1,000	**4,300**	530	ND	260	**4,000**	280	**480**	260	**3,100**	270	ND	270	**2,700**	260
Benzo(ghi)perylene	100,000	100,000	**1,200**	530	ND	260	**970**	280	ND	260	**650**	270	ND	270	**760**	260
Benzo(k)fluoranthene	800	1,000	**1,600**	530	ND	260	**1,300**	280	ND	260	**1,100**	270	ND	270	**1,100**	260
Benzoic acid			ND	2,200	ND	1,100	ND	1,200	ND	1,100	ND	1,100	ND	1,100	ND	1100
Benzyl butyl phthalate			ND	530	ND	260	**570**	280	ND	260	**500**	270	ND	270	ND	260
Bis(2-chloroethoxy)methane			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Bis(2-chloroethyl)ether			ND	760	ND	370	ND	400	ND	370	ND	390	ND	380	ND	380
Bis(2-chloroisopropyl)ether			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Bis(2-ethylhexyl)phthalate			**1,200**	530	ND	260	**840**	280	ND	260	**360**	270	ND	270	ND	260
Carbazole			ND	1100	ND	560	**830**	600	ND	560	ND	580	ND	580	ND	570
Chrysene	1,000	1,000	**3,500**	530	ND	260	**3,300**	280	**500**	260	**2,400**	270	ND	270	**2,100**	260
Dibenz(a,h)anthracene	330	330	ND	530	ND	260	**310**	280	ND	260	ND	270	ND	270	ND	260
Dibenzofuran	7,000	59,000	ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Diethyl phthalate			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Dimethylphthalate			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Di-n-butylphthalate			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Di-n-octylphthalate			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Fluoranthene	100,000	100,000	**5,600**	530	**310**	260	**5,900**	280	**1,200**	260	**3,900**	270	ND	270	**4,000**	260
Fluorene	30,000	100,000	ND	530	ND	260	**410**	280	ND	260	ND	270	ND	270	ND	260
Hexachlorobenzene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Hexachlorobutadiene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Hexachlorocyclopentadiene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Hexachloroethane			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Indeno(1,2,3-cd)pyrene	500	500	**1,100**	530	ND	260	**900**	280	ND	260	**630**	270	ND	270	**700**	260
Isophorone			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Naphthalene	12,000	100,000	ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Nitrobenzene			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
N-Nitrosodimethylamine			ND	760	ND	370	ND	400	ND	370	ND	390	ND	380	ND	380
N-Nitrosodi-n-propylamine			ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
N-Nitrosodiphenylamine			ND	760	ND	370	ND	400	ND	370	ND	390	ND	380	ND	380
Pentachloronitrobenzene			ND	760	ND	370	ND	400	ND	370	ND	390	ND	380	ND	380
Pentachlorophenol	800	2,400	ND	760	ND	370	ND	400	ND	370	ND	390	ND	380	ND	380
Phenanthrene	100,000	100,000	**4,300**	530	ND	260	**5,300**	280	**1,100**	260	**2,300**	270	ND	270	**2,500**	260
Phenol	330	100,000	ND	530	ND	260	ND	280	ND	260	ND	270	ND	270	ND	260
Pyrene	100,000	100,000	**5,200**	530	**610**	260	**5,600**	280	**970**	260	**3,600**	270	ND	270	**3,700**	260
Pyridine			ND	760	ND	370	ND	400	ND	370	ND	390	ND	380	ND	380

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 RRSCO Guidance Value

TABLE 4
82 Throop Avenue,
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*	SB1				SB2				SB3				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		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
4,4' -DDD	3.3	2,600	ND*	36	ND	2.2	ND*	12	**3.6**	2.2	ND*	11	ND	2.3	ND*	11
4,4' -DDE	3.3	1,800	ND*	36	ND	2.2	**34**	12	ND	2.2	ND*	11	ND	2.3	ND*	26
4,4' -DDT	3.3	1,700	**54**	36	ND	2.2	**140**	12	**3**	2.2	ND*	61	ND	2.3	ND*	48
a-BHC	20	97	ND*	18	ND	3.6	ND*	19	ND	3.6	ND*	18	ND	3.7	ND*	18
Alachlor			ND*	18	ND	3.6	ND*	19	ND	3.6	ND*	18	ND	3.7	ND*	18
Aldrin	5	19	ND*	5.7	ND	1.1	ND*	6	ND	1.1	ND*	5.7	ND	1.2	ND*	5.6
b-BHC	36	72	ND*	18	ND	3.6	ND*	19	ND	3.6	ND*	18	ND	3.7	ND*	18
Chlordane			**220**	57	ND	11	**150**	60	ND	11	ND*	130	ND	12	ND*	240
d-BHC	40	100,000	ND*	18	ND	3.6	ND*	19	ND	3.6	ND*	18	ND	3.7	ND*	18
Dieldrin	5	39	ND*	5.7	ND	1.1	**11**	6	ND	1.1	ND*	5.7	ND	1.2	ND*	5.6
Endosulfan I	2,400	4,800	ND*	18	ND	3.6	ND*	19	ND	3.6	ND*	18	ND	3.7	ND*	18
Endosulfan II	2,400	4,800	ND*	36	ND	7.2	ND*	38	ND	7.1	ND*	37	ND	7.4	ND*	36
Endosulfan sulfate	2,400	4,800	ND*	36	ND	7.2	ND*	38	ND	7.1	ND*	37	ND	7.4	ND*	36
Endrin	14	2,200	ND*	36	ND	7.2	ND*	38	ND	7.1	ND*	37	ND	7.4	ND*	36
Endrin aldehyde			ND*	36	ND	7.2	ND*	38	ND	7.1	ND*	37	ND	7.4	ND*	36
Endrin ketone			ND*	36	ND	7.2	ND*	38	ND	7.1	ND*	37	ND	7.4	ND*	36
g-BHC	100	280	ND*	5.7	ND	1.1	ND*	6	ND	1.1	ND*	5.7	ND	1.2	ND*	5.6
Heptachlor	42	420	ND*	11	ND	2.2	ND*	12	ND	2.2	ND*	11	ND	2.3	ND*	11
Heptachlor epoxide			ND*	18	ND	3.6	ND*	19	ND	3.6	ND*	18	ND	3.7	ND*	18
Methoxychlor			ND*	180	ND	36	ND*	190	ND	36	ND*	180	ND	37	ND*	180
Toxaphene			ND*	180	ND	36	ND*	190	ND	36	ND*	180	ND	37	ND*	180
PCB-1016	100	1,000	ND	76	ND	75	ND	79	ND	74	ND	76	ND	77	ND	74
PCB-1221	100	1,000	ND	76	ND	75	ND	79	ND	74	ND	76	ND	77	ND	74
PCB-1232	100	1,000	ND	76	ND	75	ND	79	ND	74	ND	76	ND	77	ND	74
PCB-1242	100	1,000	ND	76	ND	75	ND	79	ND	74	ND	76	ND	77	ND	74
PCB-1248	100	1,000	ND	76	ND	75	ND	79	ND	74	ND	76	ND	77	ND	74
PCB-1254	100	1,000	ND	76	ND	75	ND	79	ND	74	ND	76	ND	77	ND	74
PCB-1260	100	1,000	**100**	76	ND	75	**130**	79	ND	74	**120**	76	ND	77	**84**	74
PCB-1262	100	1,000	ND	76	ND	75	ND	79	ND	74	ND	76	ND	77	ND	74
PCB-1268	100	1,000	ND	76	ND	75	ND	79	ND	74	ND	76	ND	77	ND	74

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
82 Throop Avenue,
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*	SB1				SB2				SB3				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		µg/Kg	
			Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Aluminum			8,180	51	8,580	54	8,700	63	8,250	59	9,820	60	10,500	56	6,580	58
Antimony			BRL	3.4	BRL	3.6	BRL	4.2	BRL	3.9	BRL	4	BRL	3.7	BRL	3.9
Arsenic	13	16	7.4	0.7	1.2	0.7	9.2	0.8	3.7	0.8	5.7	0.8	2.4	0.7	4.3	0.8
Barium	350	350	398	0.34	36.4	0.36	642	0.42	85.2	0.39	449	0.4	36.6	0.37	278	0.39
Beryllium	7.2	14	0.49	0.27	0.39	0.29	0.46	0.33	0.42	0.31	0.44	0.32	0.38	0.3	0.32	0.31
Cadmium	2.5	2.5	1.42	0.34	BRL	0.36	1.62	0.42	0.76	0.39	1.3	0.4	BRL	0.37	0.83	0.39
Calcium			22,600	51	1,220	5.4	27,400	63	23,400	59	16,300	60	899	5.6	18,300	58
Chromium			46.4	0.34	14.9	0.36	19.3	0.42	22.2	0.39	22.2	0.4	15.1	0.37	17.6	0.39
Cobalt			5.91	0.34	4.39	0.36	5.57	0.42	5.03	0.39	5.64	0.4	4.67	0.37	5	0.39
Copper	50	270	97.7	0.34	14	0.36	55.6	0.42	42.4	0.39	60.6	0.4	13.2	0.37	53.8	0.39
Iron			32,600	51	9,520	54	25,200	63	16,300	59	17,600	60	12,700	56	13,000	58
Lead	63	400	451	3.4	14.8	0.36	967	4.2	51.8	0.39	583	4	5.6	0.37	330	3.9
Magnesium			3,170	5.1	2,170	5.4	3,900	6.3	4,020	5.9	3,190	6	2,080	5.6	2,760	5.8
Manganese	1,600	2,000	325	3.4	135	0.36	353	4.2	227	3.9	247	4	244	3.7	218	3.9
Mercury	0.18	0.81	1.15	0.07	BRL	0.07	0.44	0.07	0.11	0.08	0.86	0.07	BRL	0.07	1.27	0.07
Nickel	30	140	25.4	0.34	10.6	0.36	15.3	0.42	13.6	0.39	16.1	0.4	10.8	0.37	15.4	0.39
Potassium			1,050	5.1	933	5.4	1,110	6.3	1,870	5.9	1,110	6	874	5.6	904	5.8
Selenium	3.9	36	BRL	1.4	BRL	1.4	BRL	1.7	BRL	1.6	BRL	1.6	BRL	1.5	BRL	1.6
Silver	2	36	BRL	0.34	BRL	0.36	BRL	0.42	BRL	0.39	BRL	0.4	BRL	0.37	BRL	0.39
Sodium			355	5.1	72.6	5.4	2,930	6.3	137	5.9	157	6	55.6	5.6	240	5.8
Thallium			BRL	0.5	BRL	0.6	BRL	0.7	BRL	0.6	BRL	0.6	BRL	0.6	BRL	0.6
Vanadium			31.7	0.34	21.9	0.36	27.8	0.42	39.5	0.39	27.8	0.4	26.1	0.37	22	0.39
Zinc	109	2,200	378	3.4	26.4	0.36	537	4.2	190	3.9	417	4	27.8	0.37	253	3.9

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
82 Throop Avenue,
Brooklyn , New York
Groundwater Analytical Results
Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW3 µg/L		Duplicate µg/L	
1,1,1,2-Tetrachlorothane	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	1
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	1
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	1
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	1
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	**350**	20	**290**	20
cis-1,3-Dichloropropene		ND	0.4	ND	0.4	ND	0.4	ND	0
Dibromochloromethane		ND	0.5	ND	0.5	ND	0.5	ND	1
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
Isopropylbenzene	5	**2**	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	ND	1	ND	1
Methylene chloride	5	ND	1	ND	1	ND	1	ND	1
Naphthalene	10	**1.4**	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	**3**	1	ND	1	ND	1	ND	1
Styrene	5	ND	1	ND	1	ND	1	ND	1
tert-Butylbenzene	5	**1.5**	1	ND	1	ND	1	ND	1
Tetrachloroethene	5	ND	1	ND	1	**21**	1	**20**	1
Tetrahydrofuran (THF)		ND	2.5	ND	2.5	ND	2.5	ND	3
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	**1.6**	1	**1.6**	1
trans-1,3-Dichloropropene	0.4	ND	0.4	ND	0.4	ND	0.4	ND	0
trans-1,4-dichloro-2-butene	5	ND	5	ND	5	ND	5	ND	5
Trichloroethene	5	ND	1	ND	1	**23**	1	**23**	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
82 Throop Avenue,
Brooklyn, New York
Groundwater Analytical Results
Semi-Volatile Organic Compounds

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW3 µg/L		Duplicate µg/L	
1,2,4,5-Tetrachlorobenzene		ND	1.6	ND	1.6	ND	1.6	ND	1.6
1,2,4-Trichlorobenzene		ND	5	ND	5	ND	5	ND	5
1,2-Dichlorobenzene		ND	5	ND	5	ND	5	ND	5
1,2-Diphenylhdrazine		ND	5	ND	5	ND	5	ND	5
1,3-Dichlorobenzene		ND	5	ND	5	ND	5	ND	5
1,4-Dichlorobenzene		ND	5	ND	5	ND	5	ND	5
2,4,5-Trichlorophenol	3	ND	10	ND	10	ND	10	ND	10
2,4,6-Trichlorophenol	3	ND	10	ND	10	ND	10	ND	10
2,4-Dichlorophenol		ND	10	ND	10	ND	10	ND	10
2,4-Dimethylphenol		ND	10	ND	10	ND	10	ND	10
2,4-Dinitrophenol		ND	50	ND	50	ND	50	ND	50
2,4-Dinitrotoluene	5	ND	5	ND	5	ND	5	ND	5
2,6-Dinitrotoluene	5	ND	5	ND	5	ND	5	ND	5
2-Chloronaphthalene	10	ND	5	ND	5	ND	5	ND	5
2-Chlorophenol		ND	10	ND	10	ND	10	ND	10
2-Methylnaphthalene		ND	5	ND	5	ND	5	ND	5
2-Methylphenol (o-cresol)		ND	10	ND	10	ND	10	ND	10
2-Nitroaniline	5	ND	50	ND	50	ND	50	ND	50
2-Nitrophenol		ND	10	ND	10	ND	10	ND	10
3&4-Methylphenol (m&p-cresol)		ND	10	ND	10	ND	10	ND	10
3,3'-Dichlorobenzidine	5	ND	50	ND	50	ND	50	ND	50
3-Nitroaniline	5	ND	50	ND	50	ND	50	ND	50
4,6-Dinitro-2-methylphenol		ND	50	ND	50	ND	50	ND	50
4-Bromophenyl phenyl ether		ND	5	ND	5	ND	5	ND	5
4-Chloro-3-methylphenol		ND	20	ND	20	ND	20	ND	20
4-Chloroaniline	5	ND	20	ND	20	ND	20	ND	20
4-Chlorophenyl phenyl ether		ND	5	ND	5	ND	5	ND	5
4-Nitroaniline	5	ND	20	ND	20	ND	20	ND	20
4-Nitrophenol		ND	50	ND	50	ND	50	ND	50
Acenaphthene	20	**16**	0.05	**0.16**	0.05	ND	0.05	ND	0.05
Acenaphthylene		**5.3**	0.05	ND	0.05	**0.06**	0.05	ND	0.05
Acetophenone		ND	5	ND	5	ND	5	ND	5
Aniline		ND	10	ND	10	ND	10	ND	10
Anthracene	50	ND	5	ND	5	ND	5	ND	5
Benzo(a)anthracene	0.002	**0.49**	0.04	**0.25**	0.04	**0.7**	0.04	**0.11**	0.04
Benzidine	5	ND	50	ND	50	ND	50	ND	50
Benzo(a)pyrene		**0.26**	0.05	**0.22**	0.05	**0.61**	0.05	**0.09**	0.05
Benzo(b)fluoranthene	0.002	**0.35**	0.05	**0.29**	0.05	**0.91**	0.05	**0.14**	0.05
Benzo(g,h,i)perylene		ND	3	ND	3	ND	3	ND	3
Benzo(k)fluoranthene	0.002	**0.11**	0.05	**0.12**	0.05	**0.3**	0.05	**0.05**	0.05
Benzoic Acid		ND	50	ND	50	ND	50	ND	50
Benzyl Butyl phthalate		ND	5	ND	5	ND	5	ND	5
Bis(2-chloroethoxy)methane	5	ND	5	ND	5	ND	5	ND	5
Bis(2-chloroethyl)ether	1	ND	5	ND	5	ND	5	ND	5
Bis(2-chloroisopropyl)ether		ND	5	ND	5	ND	5	ND	5
Bis(2-ethylhexyl)phthalate	5	ND	1.6	ND	1.6	ND	1.6	ND	1.6
Carbazole		ND	5	ND	5	ND	5	ND	5
Chrysene	0.002	**0.61**	0.05	**0.25**	0.05	**0.74**	0.05	**0.1**	0.05
Dibenzo(a,h)anthracene		**0.04**	0.01	**0.03**	0.01	**0.1**	0.01	ND	0.01
Dibenzofuran		ND	5	ND	5	ND	5	ND	5
Diethylphthalate	50	ND	5	ND	5	ND	5	ND	5
Dimethylphthalate	50	ND	5	ND	5	ND	5	ND	5
Di-n-butylphthalate	50	ND	5	ND	5	ND	5	ND	5
Di-n-octylphthalate	50	ND	5	ND	5	ND	5	ND	5
Fluoranthene	50	ND	5	ND	5	ND	5	ND	5
Hexachlorobenzene	0.04	ND	0.06	ND	0.06	ND	0.06	ND	0.06
Fluorene	50	ND	5	ND	5	ND	5	ND	5
Hexachlorobutadiene	0.5	ND	5	ND	5	ND	5	ND	5
Hexachlorocyclopentadiene	5	ND	5	ND	5	ND	5	ND	5
Hexachloroethane	5	ND	2.4	ND	2.4	ND	2.4	ND	2.4
Indeno(1,2,3-cd)pyrene	0.002	**0.12**	0.05	**0.11**	0.05	**0.34**	0.05	ND	0.05
Isophorone	50	ND	5	ND	5	ND	5	ND	5
Naphthalene	10	ND	5	ND	5	ND	5	ND	5
Nitrobenzene	0.4	ND	5	ND	5	ND	5	ND	5
N-Nitrosodimethylamine		ND	5	ND	5	ND	5	ND	5
N-Nitrosodi-n-propylamine		ND	5	ND	5	ND	5	ND	5
N-Nitrosodiphenylamine	50	ND	5	ND	5	ND	5	ND	5
Pentachloronitrobenzene		ND	0.1	ND	0.1	ND	0.1	ND	0.1
Pentachlorophenol		ND	0.8	ND	0.8	ND	0.8	ND	0.8
Phenanthrene	50	**8.7**	0.05	**0.36**	0.05	**0.81**	0.05	**0.14**	0.05
Phenol		ND	10	ND	10	ND	10	ND	10
Pyrene	50	**5.6**	5	ND	5	ND	5	ND	5
Pyridine		ND	0.5	ND	0.5	ND	0.5	ND	0.5

Notes:
ND - Not detected
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 8
82 Throop Avenue,
Brooklyn, New York
Groundwater Analytical Results
Pesticides/PCBs

Compound	NYSDEC Groundwater Quality Standards µg/L	MW1 µg/L		MW2 µg/L		MW3 µg/L		Duplicate µg/L	
PCB-1016	**0.09**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
PCB-1221	**0.09**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
PCB-1232	**0.09**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
PCB-1242	**0.09**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
PCB-1248	**0.09**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
PCB-1254	**0.09**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
PCB-1260	**0.09**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
PCB-1262	**0.09**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
PCB-1268	**0.09**	ND	0.05	ND	0.05	ND	0.05	ND	0.05
4,4-DDD	**0.3**	ND*	5	ND*	0.05	ND*	0.05	ND	0.05
4,4-DDE	**0.2**	ND*	5	ND*	0.05	ND*	0.05	ND	0.05
4,4-DDT	**0.11**	ND*	5	**0.055**	0.05	**0.15**	0.05	**0.043**	0.025
a-BHC	**0.94**	ND*	2.5	ND*	0.12	ND*	0.12	ND	0.12
Alachlor		ND*	7.5	ND*	0.38	ND*	0.38	ND	0.38
Aldrin		ND*	0.15	ND*	0.008	ND*	0.008	ND	0.008
b-BHC	**0.04**	ND*	0.5	ND*	0.025	ND*	0.025	ND	0.025
Chlordane	**0.05**	ND*	30	ND*	1.5	ND*	1.5	ND	1.5
d-BHC	**0.04**	ND*	2.5	ND*	0.12	ND*	0.12	ND	0.12
Dieldrin	**0.004**	ND*	0.15	ND*	0.008	ND*	0.03	ND	0.008
Endosulfan I		ND*	5	ND*	0.25	ND*	0.25	ND	0.25
Endosulfan II		ND*	5	ND*	0.25	ND*	0.25	ND	0.25
Endosulfan Sulfate		ND*	5	ND*	0.25	ND*	0.25	ND	0.25
Endrin		ND*	5	ND*	0.25	ND*	0.25	ND	0.25
Endrin aldehyde	**5**	ND*	5	ND*	0.25	ND*	0.25	ND	0.25
Endrin ketone		ND*	5	ND*	0.25	ND*	0.25	ND	0.25
gamma-BHC	**0.05**	ND*	2.5	ND*	0.12	ND*	0.12	ND	0.12
Heptachlor	**0.04**	ND*	2.5	ND*	0.12	ND*	0.12	ND	0.12
Heptachlor epoxide	**0.03**	ND*	2.5	ND*	0.12	ND*	0.12	ND	0.12
Methoxychlor	**35**	ND*	10	ND*	0.5	ND*	0.5	ND	0.5
Toxaphene		ND*	100	ND*	5	ND*	5	ND	5

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
82 Throop Avenue,
Brooklyn, New York
Groundwater Analytical Results
TAL Metals

Compound	NYSDEC Groundwater Quality Standards mg/L	MW1 mg/L		MW2 mg/L		MW3 mg/L		Duplicate mg/L	
		Result	RL	Result	RL	Result	RL	Result	RL
Aluminum	**NS**	**2.21**	0.01	**14.00**	0.01	**6.07**	0.01	**2.35**	0.01
Antimony	**0.003**	BRL	0.005	BRL	0.005	BRL	0.005	BRL	0.003
Arsenic	**0.025**	BRL	0.004	**0.007**	0.004	BRL	0.004	BRL	0.004
Barium	**1**	**0.059**	0.002	**0.269**	0.002	**0.133**	0.002	**0.10**	0.002
Beryllium	**0.003**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Cadmium	**0.005**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Calcium	**NS**	**479**	0.10	**242**	0.10	**192**	0.10	**184**	0.10
Chromium	**0.05**	**0.004**	0.001	**0.029**	0.001	**0.013**	0.001	**0.006**	0.001
Cobalt	**NS**	BRL	0.002	**0.024**	0.002	**0.009**	0.002	**0.007**	0.002
Copper	**0.2**	BRL	0.005	**0.044**	0.005	**0.070**	0.005	**0.047**	0.005
Iron	**0.5**	**2.93**	0.010	**21**	0.010	**9**	0.010	**3.29**	0.010
Lead	**0.025**	**0.012**	0.002	**0.2**	0.002	**0.052**	0.002	**0.027**	0.002
Magnesium	**35**	**58.5**	0.010	**45.1**	0.010	**20.10**	0.010	**19.8**	0.010
Manganese	**0.3**	**0.1**	0.001	**0.43**	0.001	**1.11**	0.001	**1**	0.001
Mercury	**0.0007**	BRL	0.0002	BRL	0.0002	BRL	0.0002	BRL	0.0002
Nickel	**0.1**	**0.005**	0.001	**0.039**	0.001	**0.022**	0.001	**0.017**	0.001
Potassium	**NS**	**17.3**	0.100	**20.1**	0.100	**15.1**	0.100	**15.0**	0.100
Selenium	**0.01**	BRL	0.010	BRL	0.010	BRL	0.010	BRL	0.010
Silver	**0.05**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Sodium	**2**	**22**	0.100	**47**	0.100	**38**	0.100	**38**	0.100
Thallium	**0.0005**	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002
Vanadium	**NS**	**0.016**	0.002	**0.046**	0.002	**0.025**	0.002	**0.010**	0.002
Zinc	**2**	**0.009**	0.002	**0.087**	0.002	**0.044**	0.002	**0.021**	0.002

Notes:
BRL - Below Reporting Limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

Table 10
82 Throop Avenue,
Brooklyn, New York
Groundwater Analytical Results
TAL Filtered Metals

Compound	NYSDEC Groundwater Quality Standards	MW1		MW2		MW3		Duplicate	
	mg/L	mg/L		mg/L		mg/L		mg/L	
		Result	RL	Result	RL	Result	RL	Result	RL
Aluminum	**NS**	**0.85**	0.01	**1.22**	0.01	**0.56**	0.01	**0.42**	0.01
Antimony	**0.003**	BRL	0.005	BRL	0.005	BRL	0.005	BRL	0.003
Arsenic	**0.025**	BRL	0.004	BRL	0.004	BRL	0.004	BRL	0.004
Barium	**1**	**0.051**	0.002	**0.094**	0.002	**0.07**	0.002	**0.067**	0.002
Beryllium	**0.003**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Cadmium	**0.005**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Calcium	**NS**	**524**	0.11	**240**	0.11	**177**	0.01	**174**	0.01
Chromium	**0.05**	BRL	0.001	**0.002**	0.001	BRL	0.001	BRL	0.001
Cobalt	**NS**	BRL	0.001	**0.014**	0.001	**0.006**	0.001	**0.006**	0.001
Copper	**0.2**	BRL	0.005	**0.015**	0.005	**0.035**	0.005	**0.035**	0.005
Iron	**0.5**	**0.535**	0.011	**1.26**	0.011	**0.64**	0.011	**0.51**	0.011
Lead	**0.025**	**0.003**	0.002	**0.036**	0.002	**0.006**	0.002	**0.005**	0.002
Magnesium	**35**	**57**	0.01	**39**	0.01	**19**	0.01	**19**	0.01
Manganese	**0.3**	**0.184**	0.001	**0.215**	0.001	**1.05**	0.001	**1.020**	0.001
Mercury	**0.0007**	BRL	0.0002	BRL	0.0002	BRL	0.0002	BRL	0.0002
Nickel	**0.1**	**0.004**	0.001	**0.023**	0.001	**0.015**	0.001	**0.015**	0.001
Potassium	**NS**	**17**	0.1	**17**	0.1	**14**	0.1	**14**	0.1
Selenium	**0.01**	BRL	0.011	BRL	0.011	BRL	0.011	BRL	0.01
Silver	**0.05**	BRL	0.001	BRL	0.001	BRL	0.001	BRL	0.001
Sodium	**2**	**21**	0.11	**41**	0.11	**36**	0.11	**35**	0.11
Thallium	**0.0005**	BRL	0.002	BRL	0.002	BRL	0.002	BRL	0.002
Vanadium	**NS**	**0.011**	0.002	**0.004**	0.002	**0.003**	0.002	BRL	0.002
Zinc	**2**	**0.003**	0.002	**0.011**	0.002	**0.011**	0.002	**0.008**	0.002

Notes:
BRL - Below Reporting Limit
NS - No Standard
Bold/highlighted- Indicated exceedance of the NYSDEC Groundwater Standard

TABLE 11
82 Throop AVenue,
Brooklyn, New York
Soil Gas - Volatile Organic Compounds

COMPOUNDS	NYSDOH Maximum Sub-Slab Value (µg/m³) [a]	NYSDOH Soil Outdoor Background Levels (µg/m³) [b]	SG-1 (µg/m3)		SG-2 (µg/m3)		SG-3 (µg/m3)	
			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	**1.14**	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	**1.48**	1	ND	1	ND	1
1,2,4-Trimethylbenzene		<1.0	**7.71**	1	**7.66**	1	**6.83**	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	**2.41**	1	**2.5**	1	**2.26**	1
1,3-Butadiene		NA	ND	1	ND	1	ND	1
1,3-Dichlorobenzene		<2.0	**7.03**	1	**8.05**	1	**6.19**	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	**2.36**	1	**2.21**	1	**1.92**	1
4-Isopropyltoluene			**2.52**	1	**2.36**	1	**2.25**	1
4-Methyl-2-pentanone			**11**	1	**8.15**	1	**6.76**	1
Acetone		NA	**2,610**	1	**1,790**	1	**2,420**	1
Acrylonitrile			ND	1	ND	1	ND	1
Benzene		<1.6 - 4.7	**4.15**	1	**3.13**	1	**2.71**	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	**1.18**	1	**2.46**	1	**17.6**	1
Carbon Tetrachloride	5	<3.1	**0.566**	0.25	**0.503**	0.25	**0.314**	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	**3.28**	1	**3.63**	1	**1.18**	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	**7.6**	1	**7.95**	1	**21.2**	1
Dibromochloromethane		<5.0	ND	1	ND	1	ND	1
Dichlorodifluromethane		NA	**2.08**	1	**2.37**	1	**2.32**	1
Ethanol			**1,130**	1	**1,520**	1	**891**	1
Ethyl Acetate		NA	**70.2**	1	**69.1**	1	**49**	1
Ethylbenzene		<4.3	**6.99**	1	**6.25**	1	**7.25**	1
Heptane		NA	**10.7**	1	**8.89**	1	**11.3**	1
Hexachlorobutadiene		NA	ND	1	ND	1	ND	1
Hexane		<1.5	**5.07**	1	**14.4**	1	**16.1**	1
Isopropylalcohol		NA	**44**	1	**62.2**	1	**53.6**	1
Isopropylbenzene			ND	1	ND	1	ND	1
Xylene (m&p)		<4.3	**21.6**	1	**19**	1	**21.6**	1
Methyl Ethyl Ketone			**61.3**	1	**96.7**	1	**312**	1
MTBE		NA	ND	1	ND	1	ND	1
Methylene Chloride		<3.4	**4.27**	1	**5.24**	1	**4.1**	1
n-Butylbenzene			ND	1	ND	1	ND	1
Xylene (o)		<4.3	**7.98**	1	**7.55**	1	**8.03**	1
Propylene		NA	**75.7**	1	**94.4**	1	**48.2**	1
sec-Butylbenzene			ND	1	ND	1	ND	1
Styrene		<1.0	ND	1	ND	1	ND	1
Tetrachloroethene	100		**0.813**	0.25	**0.949**	0.25	**2.17**	0.25
Tetrahydrofuran		NA	**3.77**	1	**1.83**	1	**24.9**	1
Toluene		1.0 - 6.1	**14.8**	1	**12.1**	1	**17**	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	**0.376**	0.25	**1.88**	0.25	**0.322**	0.25
Trichlorofluoromethane		NA	**1.12**	1	**3.14**	1	**2.75**	1
Trichlorotrifluoroethane			ND	1	ND	1	ND	1
Vinyl Chloride		<1.0	ND	0.25	ND	0.25	ND	0.25

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

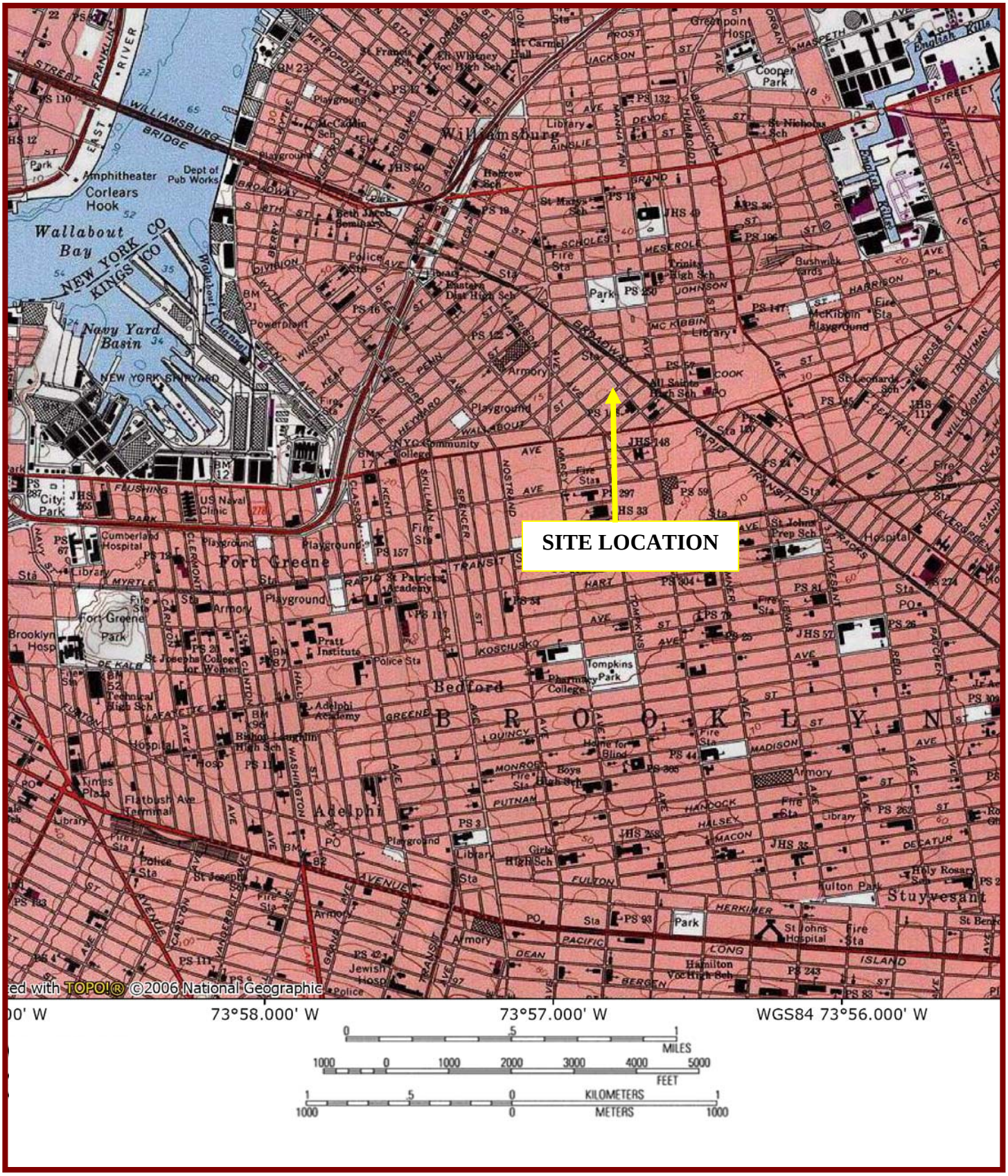

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FIGURE 1 – SITE LOCATION MAP

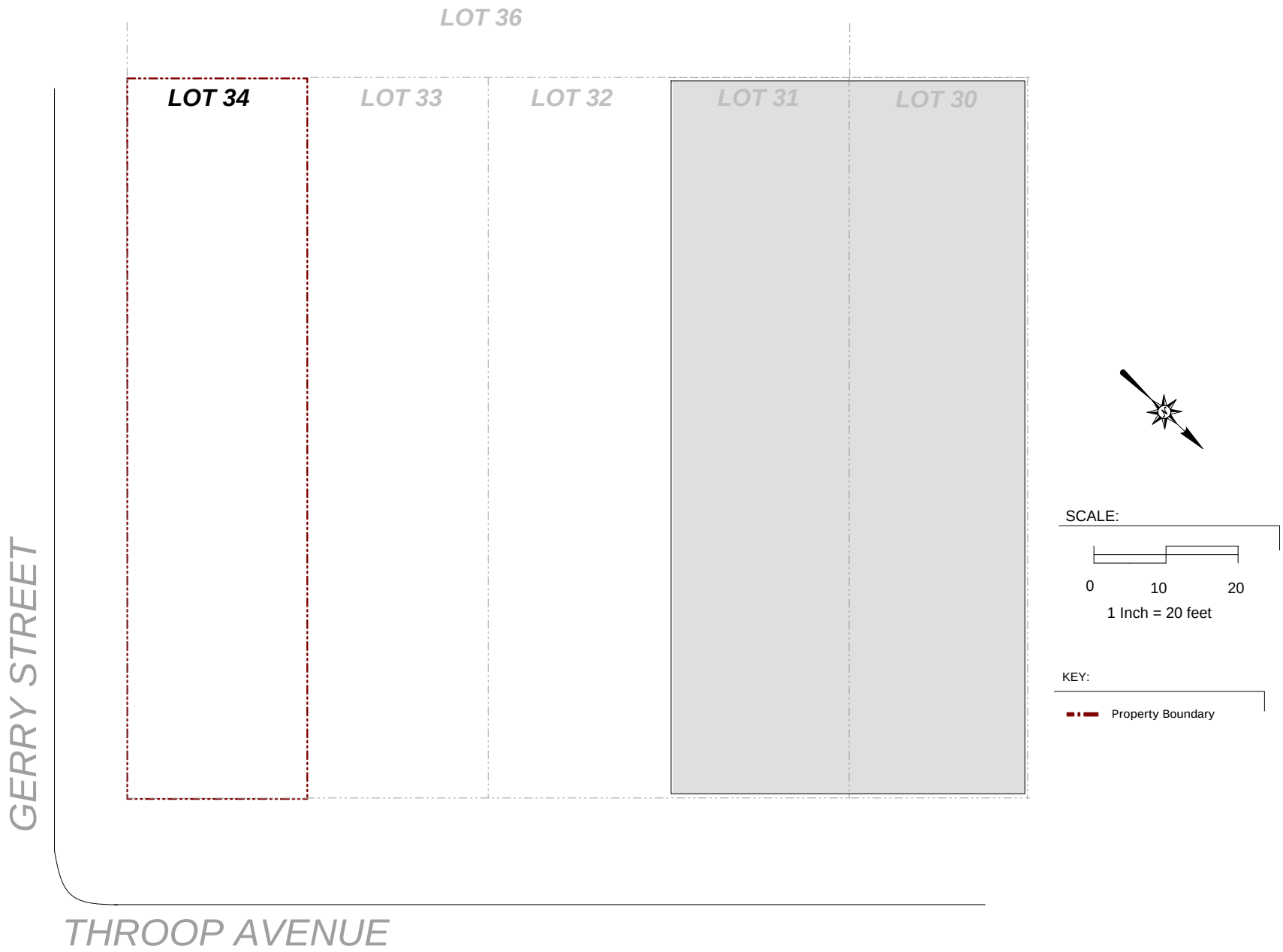

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FIGURE 2 SITE PLAN

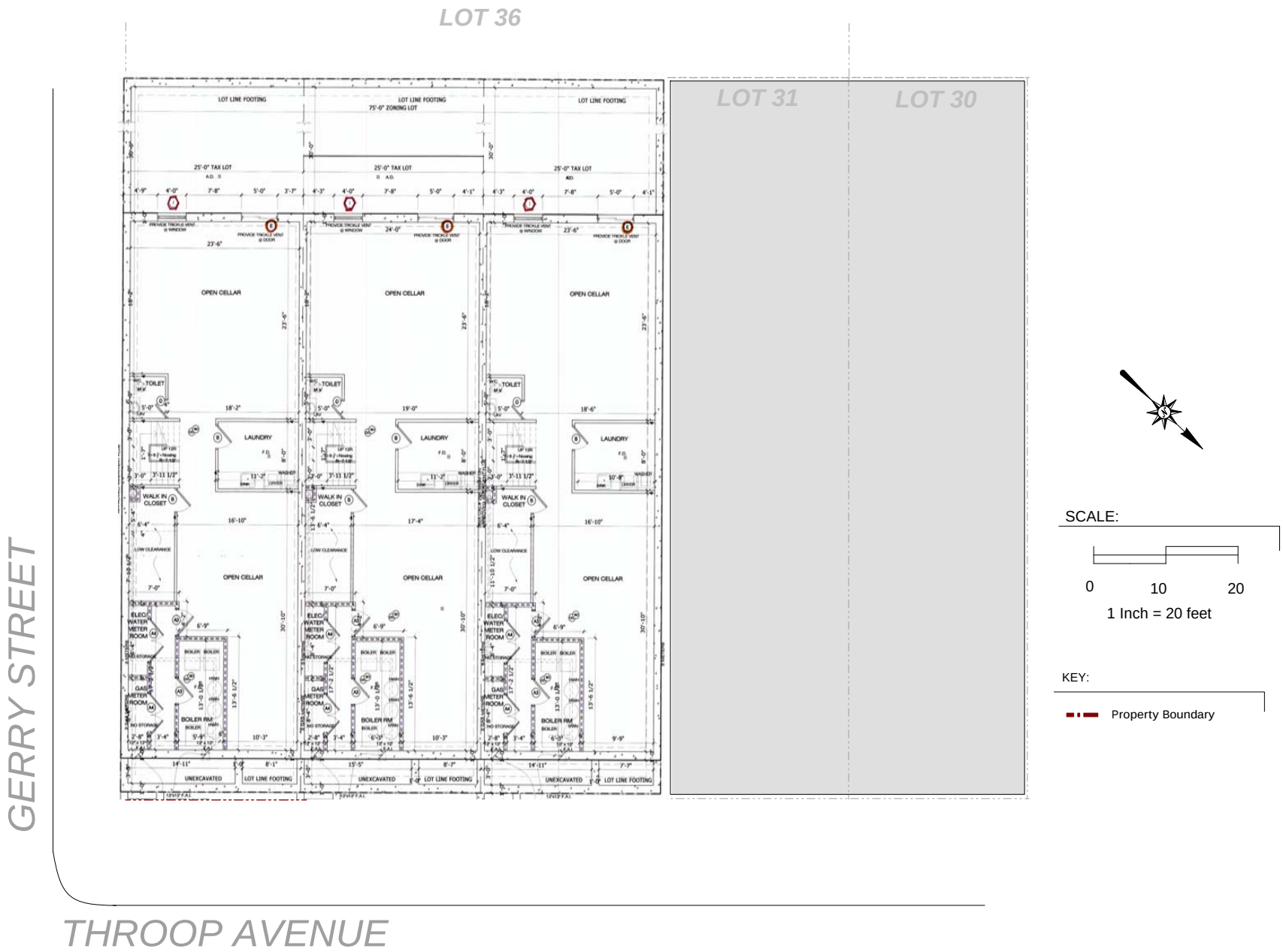

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FIGURE 3 Redevevlopment Plan

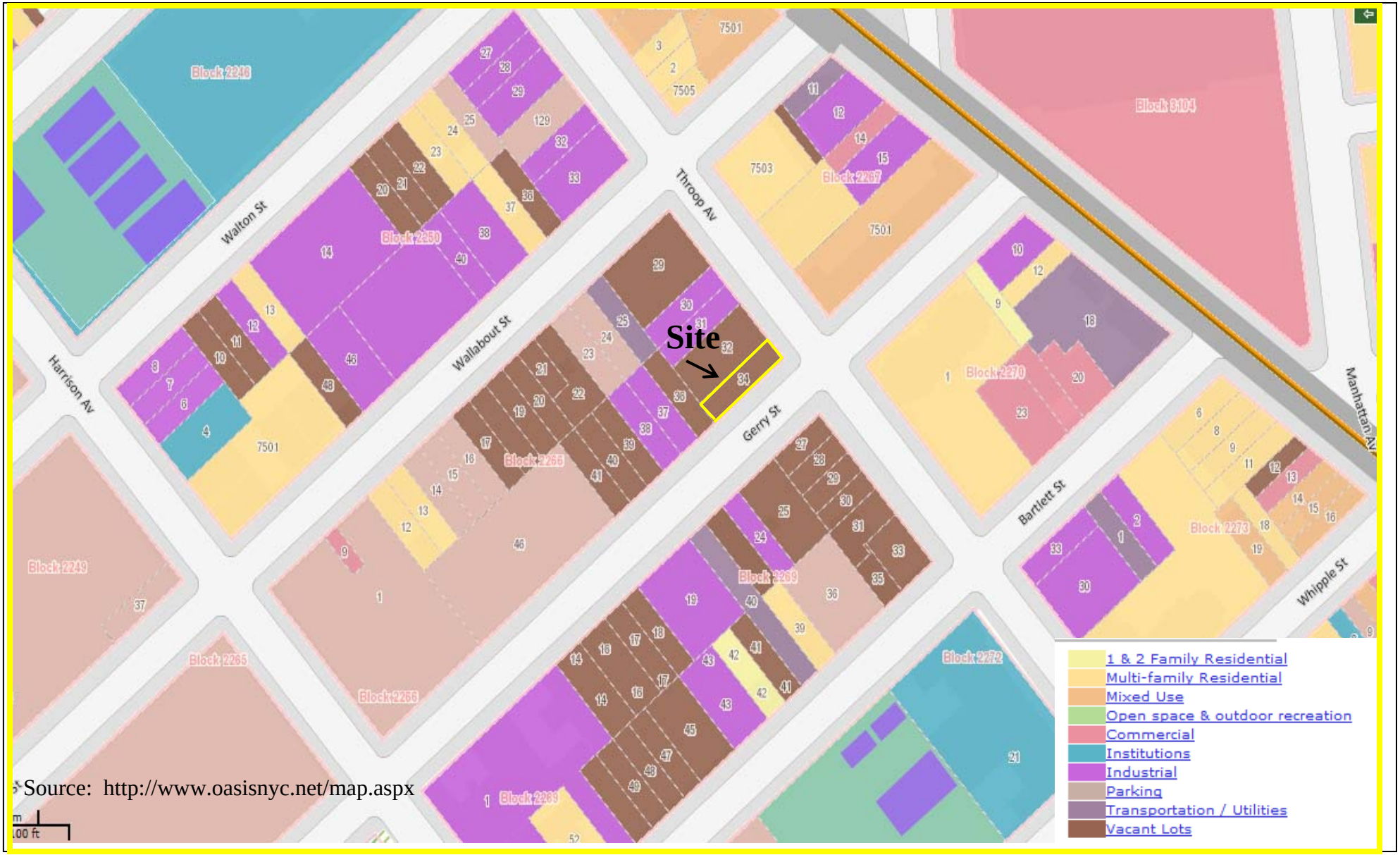

FIGURE 4
SURROUNDING LAND USE MAP

82 THROOP AVENUE, BROOKLYN, NY

REMEDIAL INVESTIGATION REPORT

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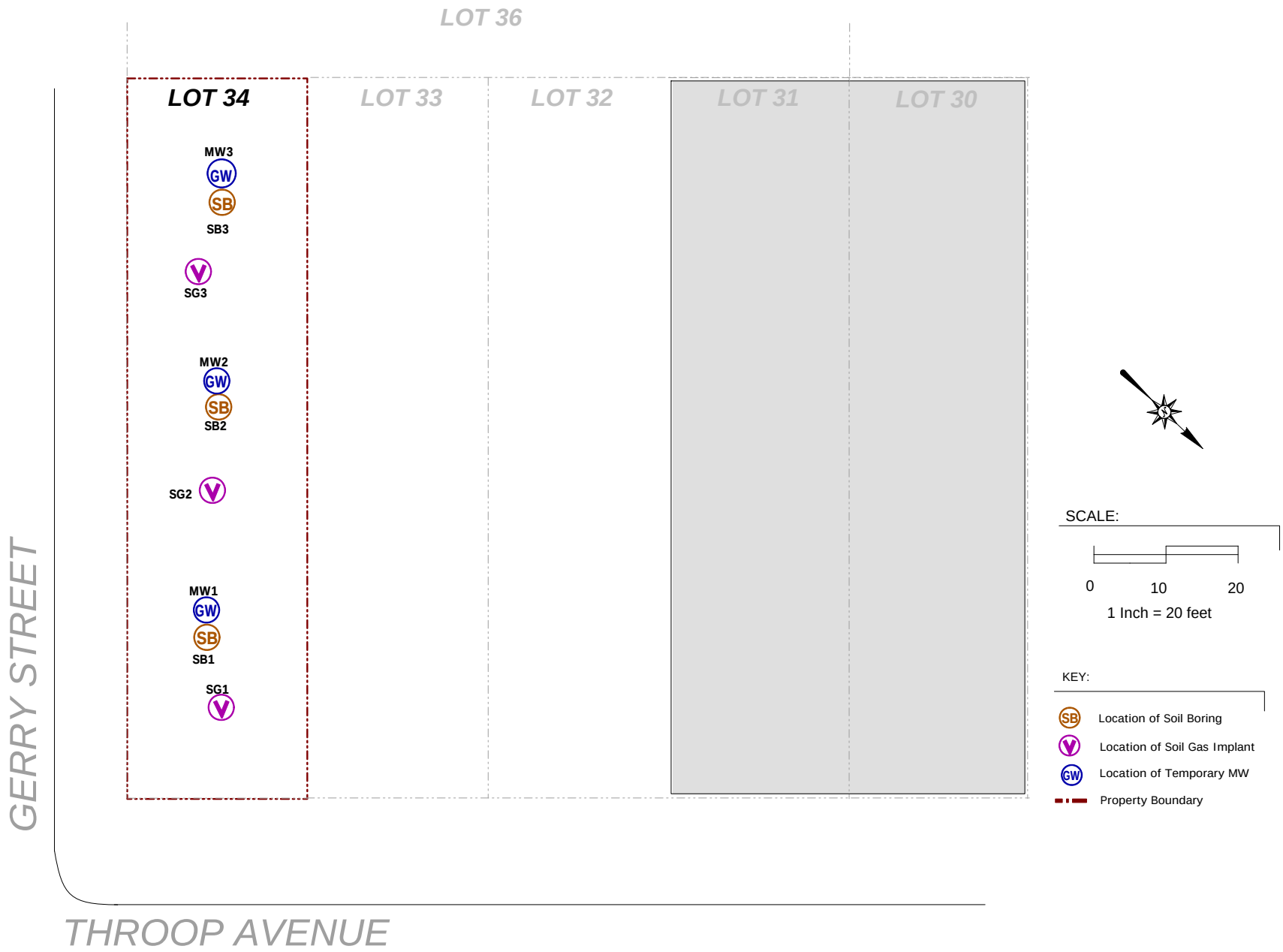

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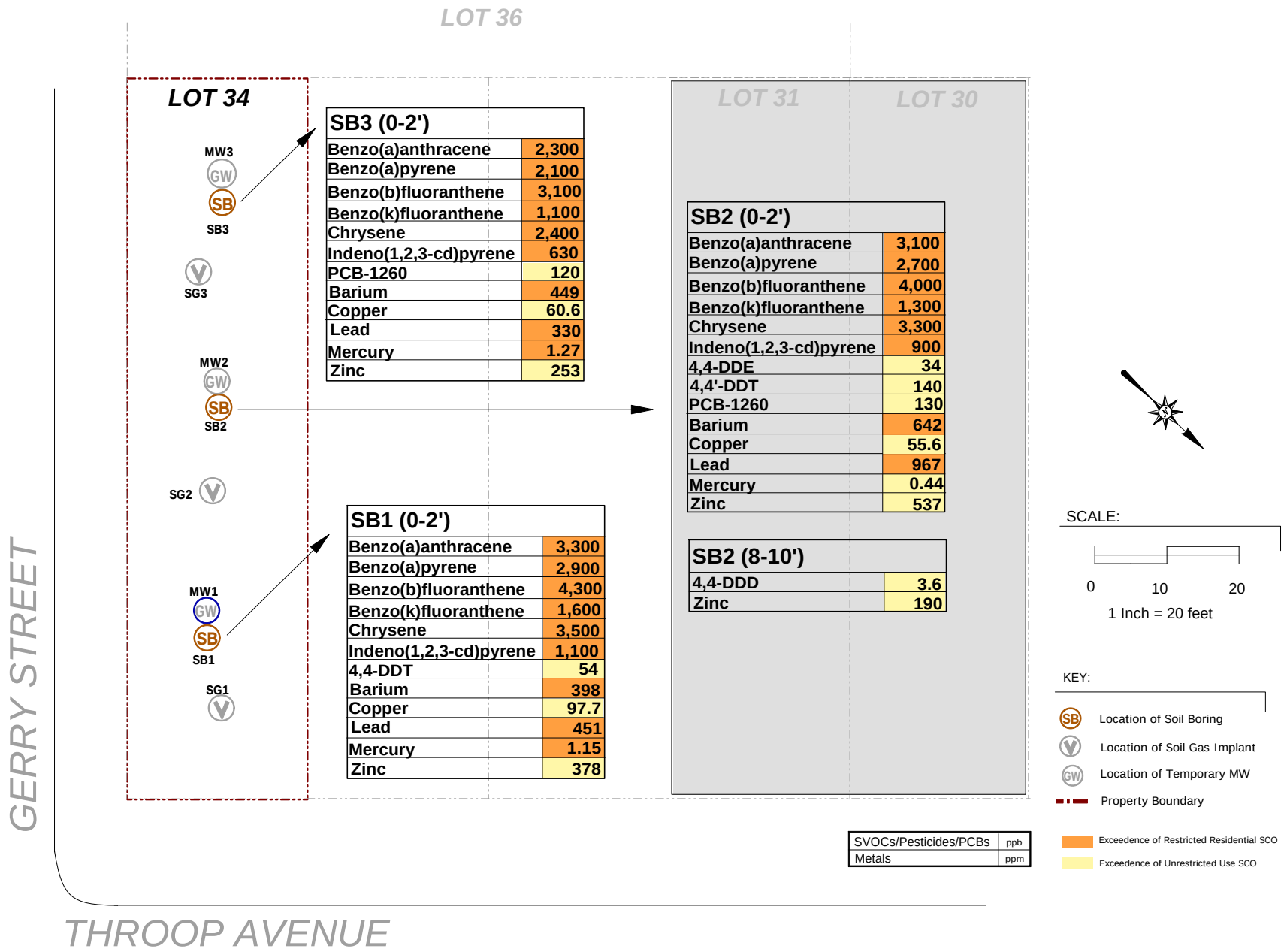
FIGURE 5 SITE SAMPLING LOCATIONS



SB3 (0-2')

Benzo(a)anthracene	2,300
Benzo(a)pyrene	2,100
Benzo(b)fluoranthene	3,100
Benzo(k)fluoranthene	1,100
Chrysene	2,400
Indeno(1,2,3-cd)pyrene	630
PCB-1260	120
Barium	449
Copper	60.6
Lead	330
Mercury	1.27
Zinc	253

SB2 (0-2')

Benzo(a)anthracene	3,100
Benzo(a)pyrene	2,700
Benzo(b)fluoranthene	4,000
Benzo(k)fluoranthene	1,300
Chrysene	3,300
Indeno(1,2,3-cd)pyrene	900
4,4-DDE	34
4,4'-DDT	140
PCB-1260	130
Barium	642
Copper	55.6
Lead	967
Mercury	0.44
Zinc	537

SB2 (8-10')

4,4-DDD	3.6
Zinc	190

SB1 (0-2')

Benzo(a)anthracene	3,300
Benzo(a)pyrene	2,900
Benzo(b)fluoranthene	4,300
Benzo(k)fluoranthene	1,600
Chrysene	3,500
Indeno(1,2,3-cd)pyrene	1,100
4,4-DDT	54
Barium	398
Copper	97.7
Lead	451
Mercury	1.15
Zinc	378

SVOCs/Pesticides/PCBs	ppb
Metals	ppm

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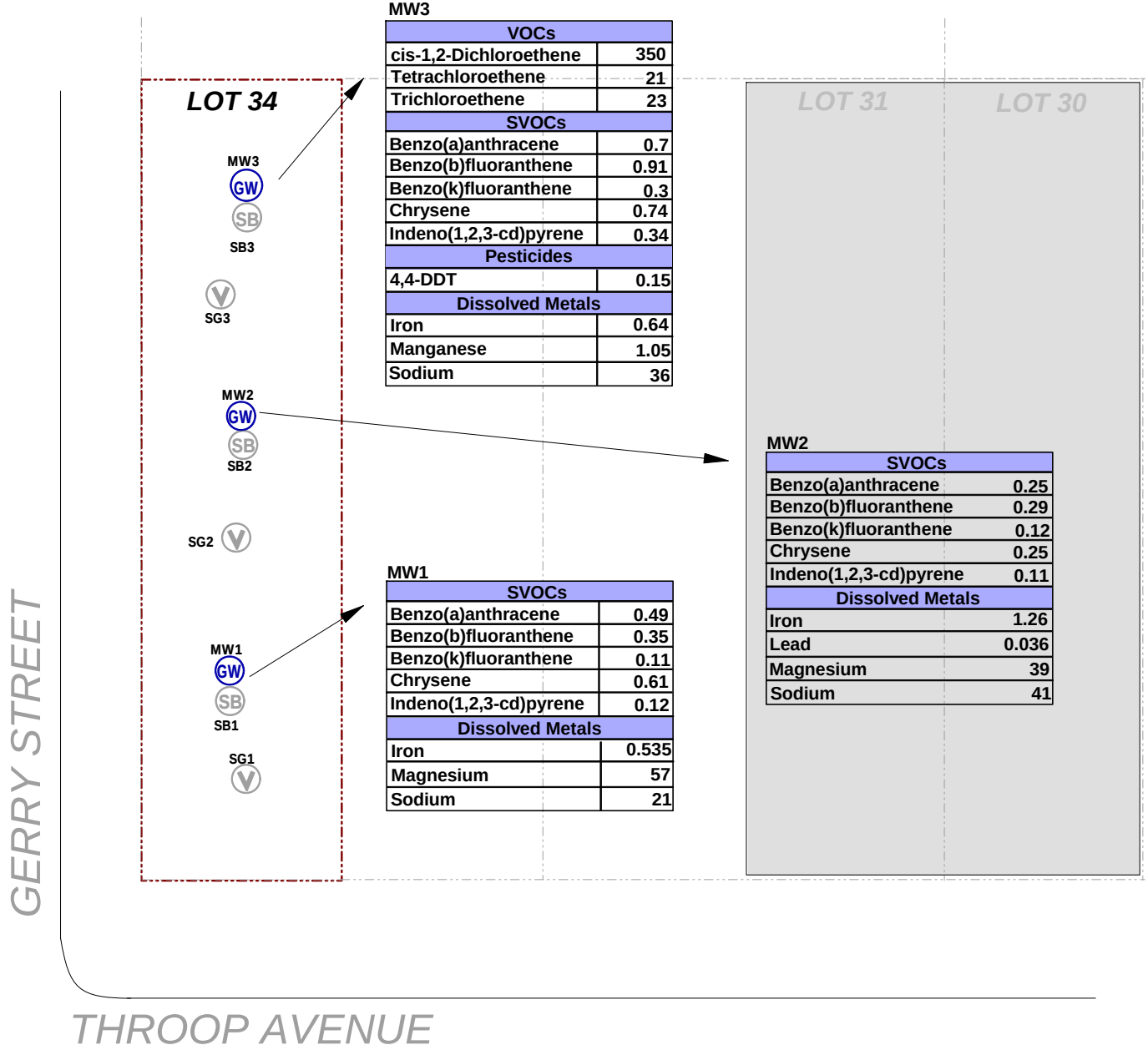
FIGURE 6 Site Sampling Locations



MW3

VOCs	
cis-1,2-Dichloroethene	350
Tetrachloroethene	21
Trichloroethene	23
SVOCs	
Benzo(a)anthracene	0.7
Benzo(b)fluoranthene	0.91
Benzo(k)fluoranthene	0.3
Chrysene	0.74
Indeno(1,2,3-cd)pyrene	0.34
Pesticides	
4,4-DDT	0.15
Dissolved Metals	
Iron	0.64
Manganese	1.05
Sodium	36

MW2

SVOCs	
Benzo(a)anthracene	0.25
Benzo(b)fluoranthene	0.29
Benzo(k)fluoranthene	0.12
Chrysene	0.25
Indeno(1,2,3-cd)pyrene	0.11
Dissolved Metals	
Iron	1.26
Lead	0.036
Magnesium	39
Sodium	41

MW1

SVOCs	
Benzo(a)anthracene	0.49
Benzo(b)fluoranthene	0.35
Benzo(k)fluoranthene	0.11
Chrysene	0.61
Indeno(1,2,3-cd)pyrene	0.12
Dissolved Metals	
Iron	0.535
Magnesium	57
Sodium	21

SCALE:

0 10 20

1 Inch = 20 feet

KEY:

- SB Location of Soil Boring
- Location of Soil Gas Implant
- GW Location of Temporary MW
- Property Boundary

SVOCs/Pesticides	ppb
Metals	ppm

Results based on NYSDEC Groundwater Quality Standards

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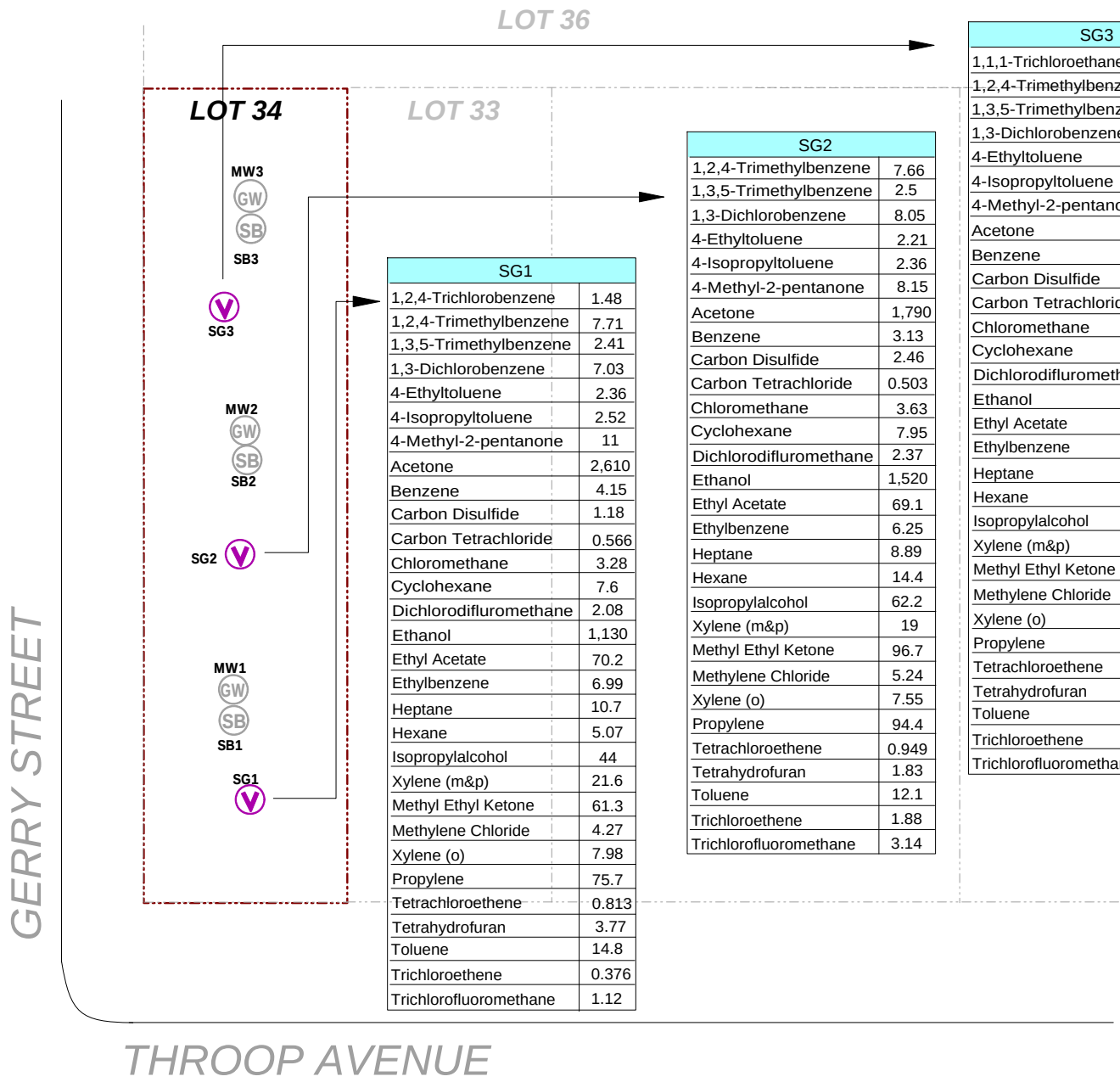
82 THROOP AVENUE
BROOKLYN, NY 11206

FIGURE 7 Groundwater Exceedences



SG1	
1,2,4-Trichlorobenzene	1.48
1,2,4-Trimethylbenzene	7.71
1,3,5-Trimethylbenzene	2.41
1,3-Dichlorobenzene	7.03
4-Ethyltoluene	2.36
4-Isopropyltoluene	2.52
4-Methyl-2-pentanone	11
Acetone	2,610
Benzene	4.15
Carbon Disulfide	1.18
Carbon Tetrachloride	0.566
Chloromethane	3.28
Cyclohexane	7.6
Dichlorodifluromethane	2.08
Ethanol	1,130
Ethyl Acetate	70.2
Ethylbenzene	6.99
Heptane	10.7
Hexane	5.07
Isopropylalcohol	44
Xylene (m&p)	21.6
Methyl Ethyl Ketone	61.3
Methylene Chloride	4.27
Xylene (o)	7.98
Propylene	75.7
Tetrachloroethene	0.813
Tetrahydrofuran	3.77
Toluene	14.8
Trichloroethene	0.376
Trichlorofluoromethane	1.12

SG2	
1,2,4-Trimethylbenzene	7.66
1,3,5-Trimethylbenzene	2.5
1,3-Dichlorobenzene	8.05
4-Ethyltoluene	2.21
4-Isopropyltoluene	2.36
4-Methyl-2-pentanone	8.15
Acetone	1,790
Benzene	3.13
Carbon Disulfide	2.46
Carbon Tetrachloride	0.503
Chloromethane	3.63
Cyclohexane	7.95
Dichlorodifluromethane	2.37
Ethanol	1,520
Ethyl Acetate	69.1
Ethylbenzene	6.25
Heptane	8.89
Hexane	14.4
Isopropylalcohol	62.2
Xylene (m&p)	19
Methyl Ethyl Ketone	96.7
Methylene Chloride	5.24
Xylene (o)	7.55
Propylene	94.4
Tetrachloroethene	0.949
Tetrahydrofuran	1.83
Toluene	12.1
Trichloroethene	1.88
Trichlorofluoromethane	3.14

SG3	
1,1,1-Trichloroethane	1.14
1,2,4-Trimethylbenzene	6.83
1,3,5-Trimethylbenzene	2.26
1,3-Dichlorobenzene	6.19
4-Ethyltoluene	1.92
4-Isopropyltoluene	2.25
4-Methyl-2-pentanone	6.76
Acetone	2,420
Benzene	2.71
Carbon Disulfide	17.6
Carbon Tetrachloride	0.314
Chloromethane	1.18
Cyclohexane	21.2
Dichlorodifluromethane	2.32
Ethanol	891
Ethyl Acetate	49
Ethylbenzene	7.25
Heptane	11.3
Hexane	16.1
Isopropylalcohol	53.6
Xylene (m&p)	21.6
Methyl Ethyl Ketone	312
Methylene Chloride	4.1
Xylene (o)	8.03
Propylene	48.2
Tetrachloroethene	2.17
Tetrahydrofuran	24.9
Toluene	17
Trichloroethene	0.322
Trichlorofluoromethane	2.75

SCALE:

0 10 20

1 Inch = 20 feet

KEY:

- SB Location of Soil Boring
- V Location of Soil Gas Implant
- GW Location of Temporary MW
- Property Boundary

Compound	µg/m³

Value Detected Above NYSDOH Air Guidance Va

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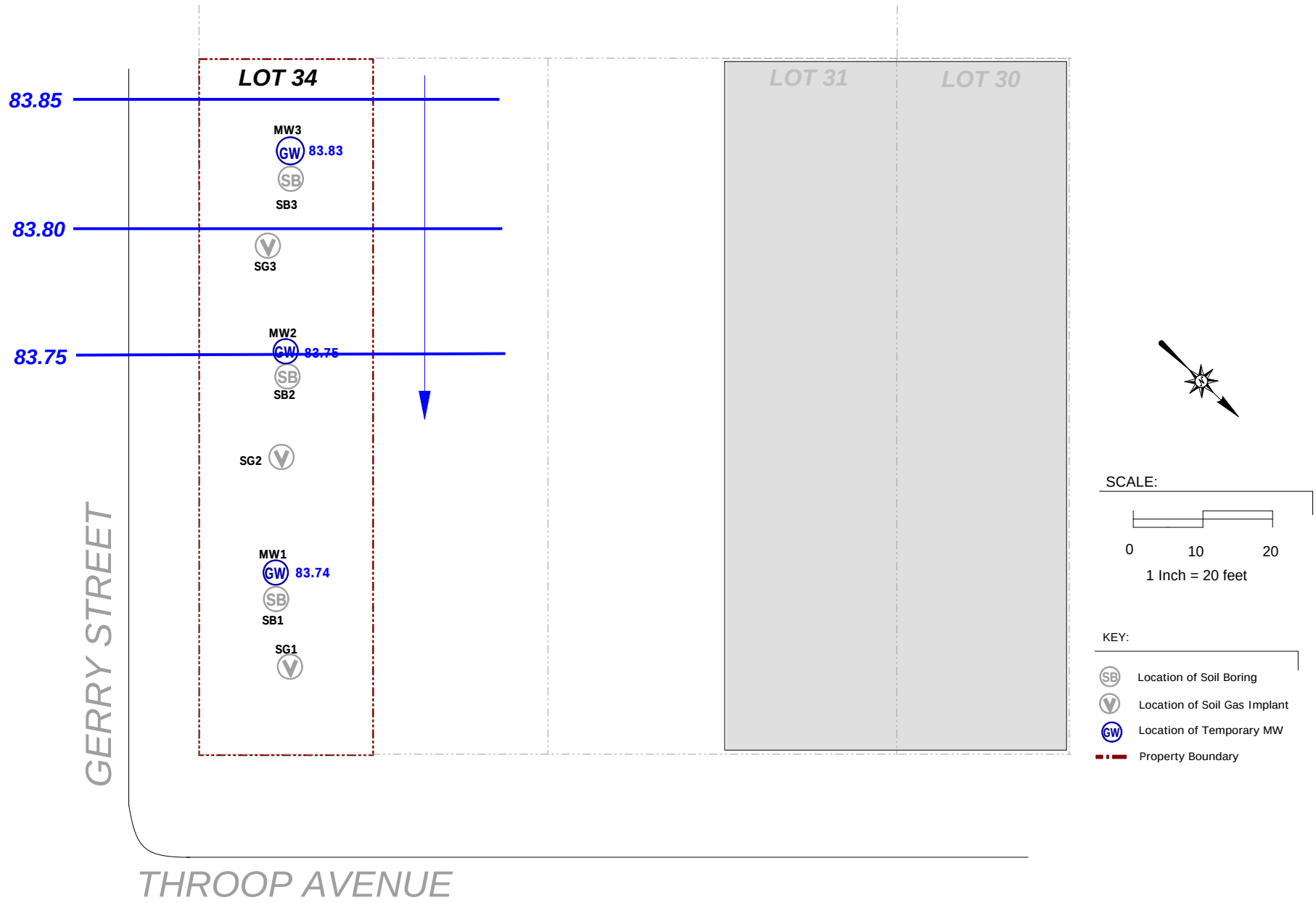
Phone 631.504.6000
Fax 631.924.2780

82 THROOP AVENUE
BROOKLYN, NY 11206

FIGURE 8 Soil Vapor Detections



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82 THROOP AVENUE
BROOKLYN, NY 11206

FIGURE 9 GROUNDWATER CONTOUR MAP

ATTACHMENT A
PHASE I REPORT

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

May 2012

78 Throop Avenue
Brooklyn, New York 11206

EBC Project No: TRG1202

Block 2266, Lots 32, 33 and 34

Prepared for:

The Rabsky Group, LLC
39 Heyward Street
Brooklyn, NY 11211

Submitted to:

New York City Office of Environmental Remediation
E-Designation Program
100 Gold Street, 2nd Floor
New York, NY 10038

ENVIRONMENTAL BUSINESS CONSULTANTS

1808 Middle Country Road. Ridge, NY 11961 Ph: 631.504.6000 Fax: 631.924.2870

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EXECUTIVE SUMMARY

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following property on behalf of The Rabsky Group: 78 Throop Avenue, Brooklyn, NY, 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 street addresses for the three lots comprising the Site are 78, 80 and 82 Throop Avenue, Brooklyn, New York 11206. The Site is identified as Block 2266, Lots 32, 33, and 34 on the Borough of Brooklyn Tax Map (Kings County). The three adjacent lots are located on the west side of Throop Avenue between Gerry Street and Wallabout Street. Each of the lots consists of approximately 25 feet of street frontage on Throop Avenue and has a depth of 100 feet. The total combined area for the Site lot is approximately 7,500 ft^2 (0.17 acres). The southern most lot (Lot 34) is a corner lot located on the northwest corner of the intersection of Throop Avenue and Gerry Street.

The Site consists of three adjacent vacant, undeveloped lots located on the northwest corner of the intersection of Throop Avenue and Gerry Street. Access to the properties is restricted by an 8 foot high chain link fence constructed along the Throop Avenue and Gerry Street property lines.

Historical information (DOB records, Sanborn Maps and City Directory listings) reviewed for the Site indicate that prior to 1887, the two northern most lots (Lots 32 and 33) were developed with several commercial structures for use as a livery and wagon house and the corner lot (Lot 34) was developed with an apartment building and a shed. The wagon house and livery operations ceased prior to 1904, and the two northern lots were redeveloped with a 5-story apartment building with first floor

commercial space (two stores) in the mid 1900's. The stores were utilized as a restaurant/luncheonette from the 1940's to the 1970's. A 4-story apartment building with a first floor store was constructed on the corner of Gerry Street and Throop Avenue on the southern lot and the store was utilized as a grocery store from the 1940's to the 1970's. In the early 1980's, all of the buildings on the Site were demolished. The Site has remained undeveloped since, but the property was used for lumber storage until approximately 2003. The Site appears to have been unused since 2003.

RECOGNIZED ENVIROMENTAL CONDITIONS

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

However, *Lots 32, 33 and 34 are listed as having a Noise, Air and Hazmat little "E" restriction*. It should be noted that nearly any development scenario for the Site is subject to the E-designation Environmental Review Program administered by the New York City Mayor's Office of Environmental Remediation (OER) due to the hazardous materials "E" designation. The Hazardous Materials Phase I and Phase II Testing Protocol (Hazmat-E) E-designation (E-238) was assigned to the as part of the Broadway Triangle Rezoning enacted in December of 2009 (CEQR No. 09HPD019K). OER will require a Phase II Subsurface Investigation. Typical OER Phase II investigation/sampling requirements for hazmat "E" sites are provided.

- A ground penetrating radar (GPR) survey to identify underground storage tanks, buried drums, or other subsurface waste disposal areas.
- Collection and laboratory analysis of surface soil samples (0-2 feet) for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, PCBs and pesticides.
- Collection and laboratory analysis of subsurface soil samples (from 2 feet below the deepest basement level) for VOCs, SVOCs, 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.

1.0 INTRODUCTION

1.1 Purpose

Environmental Business Consultants (EBC) prepared this Phase I Environmental Site Assessment (ESA) for the following three adjacent properties on behalf of The Rabsky Group: 78, 80 and 82 Throop Avenue, 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 8-10 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 Rabsky Group and EBC.

1.6 User Reliance

This report was prepared for the exclusive use of The Rabsky 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 street addresses for the three lots comprising the Site are 78, 80 and 82 Throop Avenue, Brooklyn, New York 11206. The Site is identified as Block 2266, Lots 32, 33, and 34 on the Borough of Brooklyn Tax Map (Kings County) as shown in **Figures 1, 2A, and 2B**. The three adjacent lots are located on the west side of Throop Avenue between Gerry Street and Wallabout Street. Each of the lots consists of approximately 25 feet of street frontage on Throop Avenue and has a depth of 100 feet. The total combined area for the Site lot is approximately 7,500 ft^2 (0.17 acres). The southern most lot (Lot 34) is a corner lot located on the northwest corner of the intersection of Throop Avenue and Gerry Street. An aerial photo of the Site and surrounding properties is provided as **Figure 3.**

A copy of the most recent deeds for each of the Lots 32 is attached in **Appendix B**. The deeds note the current owner of Lots 32 and 33 as Ramooe Inc. (as of August 19, 1997) and Lot 34 as Judit Weiss (as of June 6, 2007).

2.2 Site Characteristics

The Site consists of three adjacent undeveloped lots located on the northwest corner of the intersection of Throop Avenue and Gerry Street. At the time of the inspection, an 8 foot high chain link fence was constructed along the Throop Avenue and Gerry Street property lines. The undeveloped lots were uncapped, and consisted of an exposed soil cover. Photos taken during the Site inspection are attached in **Appendix A**.

2.2.1 Utilities

At the time of the site inspection, the Site was not developed with a building. Therefore, no utilities could be identified.

2.3 Physical Setting

The elevation of the property is approximately 13 feet above the National Geodetic Vertical Datum (NGVD). The topography in the immediate area of the property generally slopes upward to the north, south and east.

2.3.1 Surface Water

The nearest body of water to the Site is the English Kills, which is located approximately 5,000 feet to the northeast.

2.3.2 Groundwater

The depth to groundwater beneath the site as inferred from available groundwater maps and topographic elevation is approximately 8-10 feet below grade. Based on regional groundwater contour maps groundwater flow is expected to be west toward the east river. No Public Supply Wells were identified within a one-mile radius of the Site.

2.3.3 Radon Risk Evaluation

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 Kings County is not a radon risk area. The EDR report provides information from the New York State Department of Health radon survey which indicates that 100% of those sites tested in Kings County were below the United States Environmental Protection Agency (USEPA) radon action level of 4 Pico curies per liter (pCi/L) in the living area.

3.0 PROPERTY USAGE

3.1 Current Property Usage

The Site consists of three adjacent vacant, undeveloped lots located on the northwest corner of the intersection of Throop Avenue and Gerry Street. Access to the properties is restricted by an 8 foot high chain link fence constructed along the Throop Avenue and Gerry Street property lines.

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 R7A with a C2-4 commercial overlay (**Figure 4A**). The 1961 NYC Department of City Planning Zoning Map indicates that the Site was formerly zoned M1-2 **(Figure 4B)**.

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 – Adjacent Property	Block 2266, Lot 31 (76 Throop Avenue) – A 25' by 100' lot developed with a 1-story brick industrial/manufacturing building built around 1998. The current use of the building is unknown.
South – Adjacent property	Block 2269, Lot 27 (84 Throop Avenue) – A 25' by 70' corner lot located on the southwest corner of the intersection of Throop Avenue and Gerry Street. The lot is currently undeveloped and vacant. Block 2269, Lot 25 (90 Gerry Street) – A 55' by 100' undeveloped and vacant lot.
East – Opposite side of Throop Avenue	Block 2267, Lot 7501 (133 Gerry Street and 63-67 Throop Avenue) – A 220' by 65' lot developed with an 6-story apartment building built in 1999.
West – Adjacent property	Block 2266, Lot 36 (99 Gerry Street) – A 25' by 100' lot undeveloped and vacant.

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, 1979, 1980, 1981, 1982,

1984, 1986, 1987, 1989, 1991, 1992, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006 and 2007. The review is summarized in Section 3.3.1 and 3.3.2. 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 spanning 1922 through 2005. 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

Site:

- Block 2266, Lot 32 (78 Throop Avenue) – Developed with several structures for use as a livery. A one-story building was used as a wagon house.
- Block 2266, Lot 33 (80 Throop Avenue) – Developed with several structures in conjunction with 78 Throop Avenue as a livery and wagon house.
- Block 2266, Lot 34 (82 Throop Avenue) – The Site was developed as two properties that fronted Gerry Street. The addresses were 101 and 109 Gerry Street. 101 Gerry Street was developed with a two story house and 109 Gerry Street was developed with a shed.

Adjacent Properties:

North

- Block 2266, Lot 31 (76 Throop Ave) – Developed with a 3-story apartment building with first floor commercial space. The rear of the lot is developed with a 2-story house.

West

- Block 2266, Lot 36 (99 Gerry Street) – The lot is developed with a small house located in the rear of the lot.

South

- Block 2269, Lots 25 and 27 (90 to 100 Gerry Street) – Developed with several houses, with the exception of 100 Gerry Street, which was developed with a three apartment building with a first floor store.

East

- Block 2267, Lot 7501 (63-67 Throop Avenue) – The property consisted of four small lots, each developed with a three story apartment building. The first floor of one of the apartment buildings was utilized as a store and the first floor of a second apartment building was utilized as a bakery.

1904

Site:

- Block 2266, Lot 32 (78 Throop Avenue) – Developed with several structures for use as a livery. A one-story building was used as a wagon house.
- Block 2266, Lot 33 (80 Throop Avenue) – Developed with several structures in conjunction with 78 Throop Avenue as a livery.
- Block 2266, Lot 34 (82 Throop Avenue) – The Site was developed as two properties that fronted Gerry Street. The addresses were 101 and 109 Gerry Street. 101 Gerry Street was developed with a two story house and 109 Gerry Street was developed with a four story apartment building with first floor commercial space used as a store.

Adjacent Properties:

North

- Block 2266, Lot 31 (76 Throop Ave) – The second floor of the 3-story apartment building was utilized as a hall. The third floor continued to be used as an apartment and the first floor continued to be used as a store.

South

- Block 2269, Lots 25 (92Gerry Street) – The property was developed with a three story apartment building with first floor commercial space utilized by an undertaker.
- Block 2269, Lots 27 (100 Gerry Street) – The property was developed with a two-story building.

1918

Site:

- Block 2266, Lot 32 (78 Throop Avenue) – Developed with a 5-story apartment building with first floor commercial space utilized as a store for junk.
- Block 2266, Lot 33 (80 Throop Avenue) – Developed with a 5-story apartment building with first floor commercial space utilized as a store.
- Block 2266, Lot 34 (82 Throop Avenue) – The Site was developed as two properties that fronted Gerry Street. The addresses were 101 and 109 Gerry Street. 101 Gerry Street was developed with a two small two-story houses that had a store on the first floor and 109 Gerry Street was developed with a four story apartment building with first floor commercial space used as a store.

Adjacent Properties:

North

- Block 2266, Lot 31 (76 Throop Ave) – Redeveloped into a 4-story building utilized as a hall and lodge.

West

- Block 2266, Lot 36 (99 Gerry Street) – Redeveloped with a 5-story apartment building with first floor commercial space utilized as a store.

1935

Site:

No significant changes were noted for the Site on the 1935 Sanborn map when compared to the 1918 Sanborn map.

1947

Site:

- Block 2266, Lot 34 (82 Throop Avenue) – The Site was developed as two properties that fronted Gerry Street. The addresses were 101 and 109 Gerry Street. 101 Gerry Street was developed with a small two-story house and 109 Gerry Street was developed with a four story apartment building with first floor commercial space used as a store.

Adjacent Properties:

North

- Block 2266, Lot 31 (76 Throop Ave) – The property was developed with a 3-story church building.

1950

No significant changes were noted for the Site or any adjacent properties on the 1950 Sanborn map when compared to the 1947 Sanborn map.

1965

Adjacent Properties:

North

- Block 2266, Lot 31 (76 Throop Ave) – Developed with a 1-story building utilized for auto painting.

1977

Site:

- Block 2266, Lot 34 (82 Throop Avenue) – The Site was developed as two properties that fronted Gerry Street. The addresses were 101 and 109 Gerry Street. 101 Gerry Street was undeveloped and 109 Gerry Street was developed with a four story apartment building with first floor commercial space used as a store.

Adjacent Properties:

West

- Block 2266, Lot 36 (99 Gerry Street) – Displayed undeveloped and vacant.

South

- Block 2266, Lot 34 (82 Throop Avenue) – The rear of the lot (101 Gerry Street) displayed undeveloped.

1979

No significant changes were noted for the Site or any adjacent properties on the 1979 Sanborn map when compared to the 1977 Sanborn map.

1980

Site:

- Block 2266, Lot 32 (78 Throop Avenue) – The property was undeveloped.
- Block 2266, Lot 32 (78 Throop Avenue) – The property was undeveloped.
- Block 2266, Lot 34 (82 Throop Avenue) – The 4-story apartment building was vacant.

1981

Adjacent Properties:

East

- Block 2267, Lot 7501 (63-67 Throop Avenue) – 65 and 67 Throop Avenue displayed as one undeveloped and vacant lot. 63 Throop Avenue was developed with a 2-story building.

1982

Site:

- Block 2266, Lot 34 (82 Throop Avenue) – The lot was divided into two properties that fronted Gerry Street. The addresses were 101 and 109 Gerry Street. Both properties were undeveloped as of 1982.

1984

No significant changes were noted for the Site or adjacent properties on the 1984 Sanborn map when compared to the 1982 Sanborn map.

1986

Adjacent Property

East

- Block 2267, Lot 7501 (63-67 Throop Avenue) – 63 Throop Avenue was undeveloped.

1987, 1989

No significant changes were noted for the Site and adjacent properties on the 1987 and 1989 Sanborn maps when compared to the 1986 Sanborn map for the Site.

1991

Adjacent Property

East

- Block 2267, Lot 7501 (63-67 Throop Avenue) – Utilized as an auto repair facility.

1992

Site:

- Block 2266, Lots 32, 33 and 34 (78 to 82 Throop Avenue) – All three lots comprising the Site were undeveloped but utilized as lumber storage.

1995, 1996

No significant changes were noted for the Site and adjacent properties on the 1995 and 1996 Sanborn maps when compared to the 1992 Sanborn map for the Site.

2001

Adjacent Property

East

- Block 2267, Lot 7501 (63-67 Throop Avenue) – Developed with a 4-story apartment building with a basement.

2002

No significant changes were noted for the Site and adjacent properties on the 2002 Sanborn map when compared to the 2001 Sanborn map for the Site.

2003

Site:

- Block 2266, Lots 32, 33 and 34 (78 to 82 Throop Avenue) – The three lots comprising the site were no longer utilized for lumber storage.

2004-2007

No significant changes were noted for the Site and adjacent properties on the 2004 through 2007 Sanborn maps when compared to the 2003 Sanborn map for the Site.

3.3.2 City Directory Listings - Site and Adjacent Properties

City Directory Listings available for the Site and adjacent properties was reviewed. The following information was obtained for the Site:

Site:

78 Throop Avenue
Residential Listings (1928,1934, 1940, 1949 1960, 1976)
Throop Luncheonette (1949)
Throop Restaurant (1960-1970)

80 Throop Avenue
Residential Listings (1930, 1934, 1945, 1949, 1960, 1970, 1973)

82 Throop Avenue
Residential Listings (1928, 1934, 1945, 1949-1960, 1965, 1970)
Marreros Grocery Store (1970, 1973)
Jay Bee Grocery (1949, 1960)

101 Gerry Street
Residential Listings (1934, 1960, 1965, 1970, 1973)

Adjacent Properties:

North

76 Throop Avenue
Williamsburg Educational Alliance (1928, 1934)
Residential Listings (1940, 1945)
Willies Auto Repair (1970)
Throop Body and Fender Specialists (1976, 1980)

East

63-67 Throop Avenue
Residential Listings (1928, 1934)

West

99 Gerry Street
Residential Listings (1934, 1960, 1965)

Summary

Historical information (DOB records, Sanborn Maps and City Directory listings) reviewed for the Site identified the Site as being developed prior to 1887. The two northern most lots (Lots 32 and 33) were developed with several commercial structures for use as a livery and wagon house and the corner lot

(Lot 34) was developed with an apartment building and a shed. The wagon house and livery operations ceased prior to 1904, and the two northern lots were redeveloped with a 5-story apartment building with first floor commercial space (two stores) in the mid 1900's. The stores were utilized as a restaurant/luncheonette from the 1940's to the 1970's. A 4-story apartment building with a first floor store was constructed on the corner of Gerry Street and Throop Avenue on the southern lot and the store was utilized as a grocery store from the 1940's to the 1970's. In the early 1980's, all of the buildings on the Site were demolished. The Site has remained undeveloped since, but the property was used for lumber storage until approximately 2003. The Site appears to have been unused since 2003.

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 Office of City Register records, the current owner of Lots 32 and 33 are Ramooe Inc. (as of August 19, 1997) and Lot 34 is Judit Weiss (as of June 6, 2007).

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 redevelopment of the property by The Rabsky 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 (EPA) 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 EPA's priority list. Sites are deleted where the EPA 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 1-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 EPA 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 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).

Findings: The Site is not listed as a CERCLIS-NFRAP facility. Two CERCLIS-NFRAP sites were identified within a ½ mile radius of the Site.

Borden Chemical Adhesives and Chem is listed as a CERCLIS-NFRAP site. The facility is located at 56 Nostrand Avenue, Brooklyn, NY 11205 (approximately 2,269 feet southwest of the Site). The facility is also listed within the RCRA-NonGen, and FINDS databases as wells as HSWDS (under Borden Chemical). However, due to the distance and location of

the facility from the Site, it is not considered a significant environmental concern for this assessment.

Slattery J B & Bros Inc. is listed as a CERCLIS-NFRAP site. The facility is located at 171-187 Wallabout Street, Brooklyn, NY 11206 (approximately 1,872 feet west-southwest of the Site). The facility is also listed within the RCRA-NonGen, FINDS and MANIFEST databases. However, due to the distance and location of the facility from the Site, it is not considered a significant environmental concern for this assessment.

Federal RCRA CORRACTS List - The RCRA Corrective Actions (CORRACTS) database is the EPA'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 1 mile radius of the Site.

Pfizer Inc. is listed as a RCRA CORRACTS site. The facility is located at 11 Bartlett Street, Brooklyn, NY 11206 (approximately 683 feet south southwest of the Site). The facility is also listed within the RCRA-LQG, FINDS, RAATS and Manifest databases. Due to the location of the facility (cross gradient), the facility is not considered a significant environmental concern for this assessment.

Techtronics Ecological Corp. is listed as a RCRA CORRACTS site. The facility is located at 8 Walworth Street, Brooklyn, NY 11205 (approximately 2,487 feet west-southwest of the Site). The facility is also listed within the RCRA-Nongen, FINDS, and Manifest databases. Due to the distance of the facility from the Site, it is not considered a significant environmental concern for this assessment.

Federal RCRA Treatment, Storage and Disposal - The EPA 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 TSD facility and no TSD facilities 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 Small Quantity Generator (SQG) is a site which generates more than 100 and less than 1000 kg of hazardous waste during any one calendar month and accumulates less than 6000 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 1000 kg of hazardous waste at any time. Large Quantity Generators (LQG) generate more that 1000 kg of hazardous waste per month. Although a property may be identified as a generator of hazardous waste, it does not mean that this material has been released to the environment. RCRA Generators which have released hazardous materials are identified in the appropriate state or federal listing.

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

Con Edison – Manhole Nos. 15641 and 14001 are listed as a RCRA-LQG site. Con Edison listings such as this one are typically associated with small cleanups within manholes due to small equipment leaks. Therefore, the listing is not considered a significant environmental concern for this assessment.

Pfizer Inc. is listed as a RCRA-LQG site. The facility is located at 11 Bartlett Street, Brooklyn, NY 11206 (approximately 683 feet south-southwest of the Site). The facility is also listed within the RCRA CORRACTS, RCRA-LQG, RAATS and Manifest databases. Based on the distance of the facility from the Site, it is not considered a significant environmental concern for this assessment.

Pfizer Inc. – Brooklyn Plant is listed as a RCRA-LQG site. The facility is located at 1630 Flushing Avenue, Brooklyn, NY 11206 (approximately 829 feet south-southwest of the Site). The facility is also listed within the FINDS and Manifest databases. Based on the distance and location of the facility in relation to the Site, it is not considered a significant environmental concern for this assessment.

The NYCT – Broadway – Lorimer Station is listed as a RCRA-SQG. The facility is located at 143 Lorimer Street, Brooklyn, NY 11206 (approximately 780 feet west-northwest of the Site). The facility is also listed within the Manifest database. Due to the absence of inclusion within a database which would indicate a spill or release had occurred at the facility, it is not considered a significant environmental concern for this assessment.

Bais Ruchel High School Inc is listed as a RCRA-SQG. The facility is located at 177 Harrison Ave, Brooklyn, NY (approximately 502 feet southwest of the Site). The facility is also listed within the MANIFEST database. Due to the absence of inclusion within a database which would indicate a spill or release had occurred at the facility, it is not considered a significant environmental concern for this assessment.

Arlington Press is listed as a RCRA-SQG. The facility is located at 191 Harrison Avenue, Brooklyn, NY 11206 (approximately 523 feet south-southwest of the Site). The facility is also listed within the FINDS and MANIFEST databases. Due to the absence of inclusion within a database which would indicate a spill or release had occurred at the facility, it is not considered a significant environmental concern for this assessment.

Con Edison – The Con Edison facility is listed as a RCRA-CESQG. The facility is located at Whipple Street and Flushing Avenue, Brooklyn, NY 11206 (approximately 699 feet south-southeast of the Site). Con Edison listings such as this one are typically associated with small cleanups within manholes due to small equipment leaks. Therefore, the listing is not considered a significant environmental concern for this assessment.

Pfizer Inc. – Sites B & D are listed as a RCRA-CESQG site. The facility is located at 73 Gerry Street, Brooklyn, NY 11206 (approximately 299 feet south-southwest of the Site). The facility is also listed within the FINDS, MANIFEST, and VCP databases. The facility was also identified as a RCRA-SQG in 1995. Drums of hazardous waste were shipped from the property in 2002, 2004 and 2005. The address 73-87 Gerry Street is also listed as a NYS Spill site under spill number 9516449. The spill number was assigned to the property in March of 2006. DEC notes provided by EDR provide limited information except fort “construction work at site uncovered contaminated soil appears gasoline was

spilled at site at some time in past." The spill number was closed by the NYSDEC. A second spill (9704207) was reported to the DEC in July of 1997 for the same address. The person that reported the spill noted that an environmental study was done on the property and soil was found to be contaminated. A third spill number (9203348) was listed under Pfizer Inc./Gerry Street. DEC notes provided by EDR indicate the following: "contaminated soil stockpiled in dumpsters after tank pull. Sampling, testing and will dispose." No additional notes were provided, but the spill number was closed by the DEC in 1992, three days after the spill was reported. The site is still being monitored. Due to the closure of the spill files and the ongoing remediation of the site, this site is not considered a significant environmental concern for this investigation.

CAS Developers is listed as a RCRA-CESQG. The facility is located at 70 Union Avenue, Brooklyn, NY 11206 (approximately 908 feet west of the Site). The facility is not listed in any other databases. Due to the distance and location of the facility and absence of inclusion within a database which would indicate a spill or release had occurred at the facility, it is not considered a significant environmental concern for this assessment.

NYC Board of Education P.S. 257 is listed as a RCRA-CESQG. The facility is located at 60 Cook Street, Brooklyn, NY 11206 (approximately 1,215 feet east of the Site). The facility is also listed within the FINDS and MANIFEST database. Due to the absence of inclusion within a database which would indicate a spill or release had occurred at the facility, it is not considered a significant environmental concern for this assessment.

Mars Cleaners is listed as a RCRA-CESQG. The facility is located at 80 Manhattan Avenue, Brooklyn, NY 11206 (approximately 1123 feet north-northeast of the Site). The facility is also listed within the FINDS and MANIFEST database. Due to the absence of inclusion within a database which would indicate a spill or release had occurred at the facility, it is not considered a significant environmental concern for this assessment.

MTA – NYCT – Flushing Ave Station G Line is listed as a RCRA-CESQG. The facility is located at Flushing and Union Avenue, Brooklyn, NY 11206 (approximately 1,218 feet southwest of the Site). The facility is also listed within the FINDS and MANIFEST

databases. Due to the absence of inclusion within a database which would indicate a spill or release had occurred at the facility, it is not considered a significant environmental concern for this assessment.

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 was not listed within 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 as 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	Hazardous Substance Waste Disposal Site Study	HSWDS	0.5 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. One SHWS site was identified within a 1 mile radius of the Site.

The former BQE/Ansbacher Color and Dye Factory located on Meeker Avenue is approximately 4,758 feet north-northwest of the Site. A determination was made by the DEC that the site does not pose a significant threat to the public health or environment. Therefore, the former color and dye factory is not considered a significant environmental concern for this assessment.

NYS Hazardous Substance Waste Disposal Site Study - The Hazardous Substance Waste Disposal Site Study (HSWDS) list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the HSWDS registry and non-registry sites that EPA Preliminary Assessment reports or Site Investigation reports were prepared.

Findings: The Site is not listed as a HSWD site. One HSWDS site was identified within a ½ mile radius of the Site.

Borden Chemical Adhesives and Chem is listed as a HSWD site. The facility is located at 56 Nostrand Avenue, Brooklyn, NY 11205 (approximately 2,269 feet southwest of the Site). Borden Chemical Adhesives and Chem is discussed in the CERCLIS-NFRAP section above.

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. However, two SWF/LF facilities were identified within a ½ mile radius of the Site.

Cooper Tank & Welding Co. is located at 222-26 Siegel Avenue, which is approximately 1,849 feet east-northeast of the Site. The facility is an inactive, regulated transfer station. The facility is not listed in any other database which would indicate a spill/release or remedial action has occurred at the property and is therefore not considered a significant concern for this assessment.

Bedford Auto Sales is located at 984 Myrtle Avenue, which is approximately 2,524 south-southeast of the Site. The facility is not listed in any other database which would indicate a

spill/release or remedial action has occurred at the site and is therefore not considered a significant concern for this assessment.

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, 30 LTANK and 39 Historical LTANK sites were identified within ½ mile of the Site. All of the LTANK spill numbers have been closed by the NYSDEC. Due to the closure of all spills by the NYSDEC, none are considered to be a significant concern for this assessment.

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 or AST site. However, 23 UST sites, 14 Hist UST sites, and 11 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.

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. One CBS AST facility was identified within a ¼ mile radius of the subject search. Sites with leaking tanks or spills are addressed in the appropriate section.

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 ½ mile radius of the Site.

The former Pfizer Inc. facilities (Sites B & D) are located at 59-71 Gerry Street and 73-87 Gerry Street, which are approximately 299 feet south-southwest of the Site. Although remedial activities have been performed at the property, both petroleum related and chlorinated volatile organic compounds have been detected at elevated concentrations in soil, groundwater and soil gas at the site. Soil remediation at the site has been completed and an air sparging system operated at the property to remediate groundwater. Quarterly monitoring is still undergoing. Due to the closure of the spill numbers and the progress of the remediation, this site is not considered a significant environmental concern for this investigation.

Texaco Station is located at 630 Flushing Ave, Williamsburg, NY, which is approximately 829 south-southwest of the Site. The facility is also included within the LTANKS, HIST LTANKS, HIST UST, AST, HIST AST, MANIFEST, NY Spills, NY Hist Spills and CBS databases. All spills associated with the Texaco Station have been closed by the NYSDEC, therefore this site is not considered a significant environmental concern for this investigation.

Pfizer Inc. – (Organics/Suciac Block) is located at 630 Flushing Avenue, which is approximately 922 feet south-southwest of the Site. Hazardous soil was excavated from the site and a deed restriction was filed with Kings County Registrars Office. However, no description of offsite contamination was provided. Therefore, the facility is not considered a significant concern for this assessment.

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 site 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 was not listed within the NY SPILLS database. However 15 spill sites and 9 historical spill sites identified within ¼ mile of the Site. Based on the decision of the NYSDEC to close these spill sites, they are not considered to be a significant concern for

this assessment. However, two spills have not been closed and are within a close proximity of the Site, they are discussed below.

NYSDEC Spill No. 9507227 – The former CITGO gas station at 594 Broadway Avenue (approximately 464 feet to the north) is listed as a NY Spill site and Hist LTANK site. As of July 2008 a subsurface investigation work plan has been approved, but the summary report has not been submitted. The final report due date was set at July 22nd, 2008 and has yet to be submitted. Attempts to contact the former owner of the site by the NYSDEC have been unsuccessful. However, due to the location of the gas station (down gradient of Site), this spill site is not considered a significant environmental concern for this investigation.

NYSDEC Spill No. 0800660 – A former junkyard located at 650 Broadway Avenue Brooklyn, NY (approximately 473 feet east) is listed as a NY Spills site. During a site visit multiple areas of contaminated soil were found. Some puddles of oil were discovered as well as oil leaking into on site drains (drains were not connected to NYC sewers). Two 275-gallon waste oil ASTs with no PBS records were found on site. One of the ASTs was discovered with speedy dry around the tank and the site inspector was told that some oil was overfilled and spilled onto the concrete surface around the tank. EBC performed a subsurface investigation of the site and found no groundwater contamination. Therefore, the facility is not considered a significant concern for this assessment.

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. Two drycleaners were identified within ¼ mile of the site.

Mars Cleaners was identified as a PERC drycleaner at 80 Manhattan Avenue, which is approximately 1,123 feet north-northeast of the Site. The facility is not listed within a database which indicates a spill/release had occurred, and is therefore not considered a significant environmental concern for this assessment.

Harrison/Yorktown/Ace Rapid Drycleaners was identified as a PERC drycleaner at 209 Harrison Avenue, which is approximately 613 feet south-southwest of the Site. The facility is not listed within a database which would indicate a spill/release had occurred, and is therefore not considered a significant environmental concern for this assessment.

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

Findings: The Site is not listed as a MANIFEST site. However, 37 manifest sites were identified within a ¼ mile radius of the Site. Since none of the manifest sites are either adjacent to the Site and/or do not appear in other EDR databases which would indicate a release has occurred, they are not considered to be a significant concern for this assessment. Facilities that may appear in an EDR Database which would indicate a release has occurred are discussed under the appropriate headings.

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. However, 5 MGP sites were identified at a distance greater than ½ mile (but less than 1 mile) of the Site. Due to the distance and/or location of the each of the MGP sites, none are considered a significant concern for this assessment.

5.2 Additional Environmental Record Sources

5.2.1 Local Agency Review

A Freedom of Information Act (FOIA) request was sent to the New York City Department of Health (NYCDOH) for information regarding hazardous operations 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**.

In addition, a tank request form was submitted to the City of New York Fire Department to obtain certified reports outlining information regarding any listed tank information held in FDNY District Office Folders and computer files. As of the date of this report, a response had not been received. Any pertinent information received will be reviewed and forwarded upon receipt. A copy of the tank request form forwarded to the City of New York Fire Department is included in **Appendix B**.

The NYC OASIS Interactive Maps (http://www.oasisnyc.net/map.aspx) were reviewed to obtain a New York City Department of Buildings Property Profile Overview for the Site. Information available on the interactive website include historic Certificate of Occupancies, boiler records and DEP Boiler Information, records of complaints and both DOB and ECB violations, site restriction status (such as little "E", TA, UB, or SRO restrictions), additional DCP addresses, as well as job filings and permits. Information from the website has been attached in **Appendix B**. No information was available on the NYC OASIS Interactive Maps.

Lots 32, 33 and 34 are listed as having a Noise, Air and Hazmat little "E" restriction. Each lot has been assigned an E-designation (E-238) for Air Quality-#2 Fuel Oil or Natural Gas for heating, ventilation and air conditioning systems (Air-E), Hazardous Materials Phase I and Phase II Testing Protocol (Hazmat-E) and Window Wall Attenuation and Alternate Ventilation (Noise-E) as part of the Broadway Triangle Rezoning enacted in December of 2009 (CEQR No. 09HPD019K). 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.

The Department of Finance Building Classification is V1-Vacant Land.

5.2.2 Internet Search Results

The street address of the Site was entered into www.Google.com to obtain site occupant information. The result of the search was a news article published September 20th, 1905 in the NY Times stating a financial dispute between a husband and wife residing at 80 Throop Avenue. This information revealed the Site was residential in 1905.

http://query.nytimes.com/mem/archive-free/pdf?res=F20614F73C5912738DDDA90A94D1405B858CF1D3

5.2.3 Historic Zoning Map

A review of the NYC Department of City Planning Zoning Map for 1961 indicates that the Site was formerly zoned M1-2 (**Figure 4B**).

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

Mr. Kevin Waters of EBC performed the Site inspection on Thursday, May 10, 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. Photos taken during the inspection are attached (**Appendix A)**.

6.2 Observations

At the time of the inspection, the Site consisted of three adjacent undeveloped lots located on the northwest corner of the intersection of Throop Avenue and Gerry Street. an 8 foot high chain link fence was constructed along the Throop Avenue and Gerry Street property lines. The undeveloped lots were uncapped, and consisted of an exposed soil cover. A small amount of trash was noted on the Site.

6.3 Aboveground Storage Tanks (AST)

No evidence of an aboveground storage tank was identified during the Site inspection.

6.4 Underground Storage Tanks (UST)

No evidence of an underground storage tank was noted during the Site inspection.

6.5 Hazardous and Non-Hazardous Chemical Storage and Disposal

No evidence of hazardous/non-hazardous chemical storage was observed during the Site inspection.

6.6 Polychlorinated Biphenyls (PCBs)

No evidence of PCBs or PCB containing equipment was observed during the Site inspection.

6.7 Asbestos

The lot was undeveloped at the time of the inspection.

6.8 Lead-Based Paint (LBP)

The lot was undeveloped at the time of the inspection.

6.9 Mold

The lot was undeveloped at the time of the inspection.

7.0 INTERVIEWS

7.1 Owner

No representatives of the current property owner were available for an interview at the time this report was prepared. An addendum will be prepared and forwarded to and The Rabsky Group, if an interview is conducted at a later date.

7.2 Occupants

The Site was a vacant lot, therefore an no Site occupants were available for an interview.

7.3 Local Government Officials

A Freedom of Information Act (FOIA) request was sent to the New York City Department of Health (NYCDOH) for information regarding hazardous operations 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 subject and surrounding properties, interviews and review of historical records and regulatory agency databases, **no recognized environmental conditions have been identified** in connection with the Site.

8.1 Additional Environmental Issues

Lots 32, 33 and 34 are listed as having a Noise, Air and Hazmat little "E" restriction. The Site has been assigned E-designation (E-238) for Air Quality-Natural Gas Heat & Hot Water as well as Exhaust Stack Location Limitations (Air-E), Hazardous Materials Phase I and Phase II Testing Protocol (Hazmat-E) and Window Wall Attenuation and Alternate Ventilation (Noise-E) as part of the Broadway Triangle Rezoning enacted in December of 2009 (CEQR No. 09HPD019K). 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 NYC 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 property identified as Block 2266, Lots 32, 33 and 34 in Brooklyn, New York. Any exceptions to, or deletions from, this practice are described in **Section 1.4** of this report. *This assessment has revealed no recognized environmental conditions in connection with the Site*:

It should be noted that nearly any development scenario for the site is subject to the E-designation Environmental Review Program administered by the New York City Mayor's Office of Environmental Remediation (MOER) due to the hazardous materials "E" designation assigned to Lots 32, 33, and 34. Typical MOER Phase II investigation/sampling requirements for hazmat "E" sites are provided.

- A ground penetrating radar (GPR) survey to identify underground storage tanks, buried drums, or other subsurface waste disposal areas.
- Collection and laboratory analysis of surface soil samples (0-2 feet) for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), target analyte list (TAL) metals, PCBs and pesticides.
- Collection and laboratory analysis of subsurface soil samples (from 2 feet below the deepest basement level) for VOCs, SVOCs, 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.

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) an 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 radon impact potential based on USEPA maps.

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

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:

Dominick Mosca
Environmental Scientist

Reviewed By:

Kevin R. Brussee
Project Manager

QUALIFICATIONS OF
ENVIRONMENTAL PROFESSIONAL

EBC

ENVIRONMENTAL BUSINESSS 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
- NYSDEC Spill Closure
- Gasoline/Fuel Oil Tank Removals
- 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

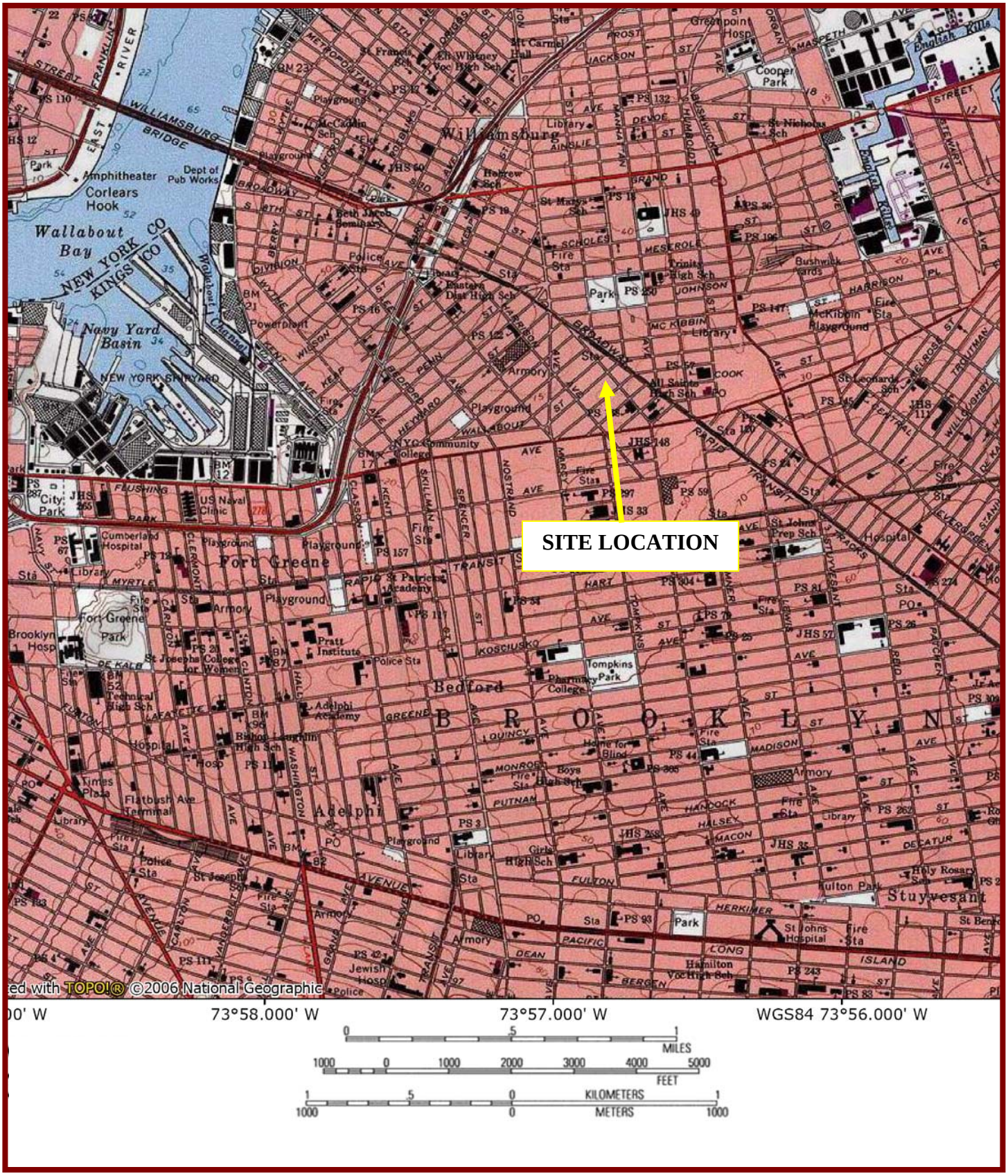
EA Engineering, Science & Technology
Hydrogeologist, 2005-2006

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



EBC
ENVIRONMENTAL BUSINESS CONSULTANTS
Phone 631.504.6000
Fax 631.924.2870

78 THROOP AVENUE
BROOKLYN, NEW YORK 11206

FIGURE 1 – SITE LOCATION MAP

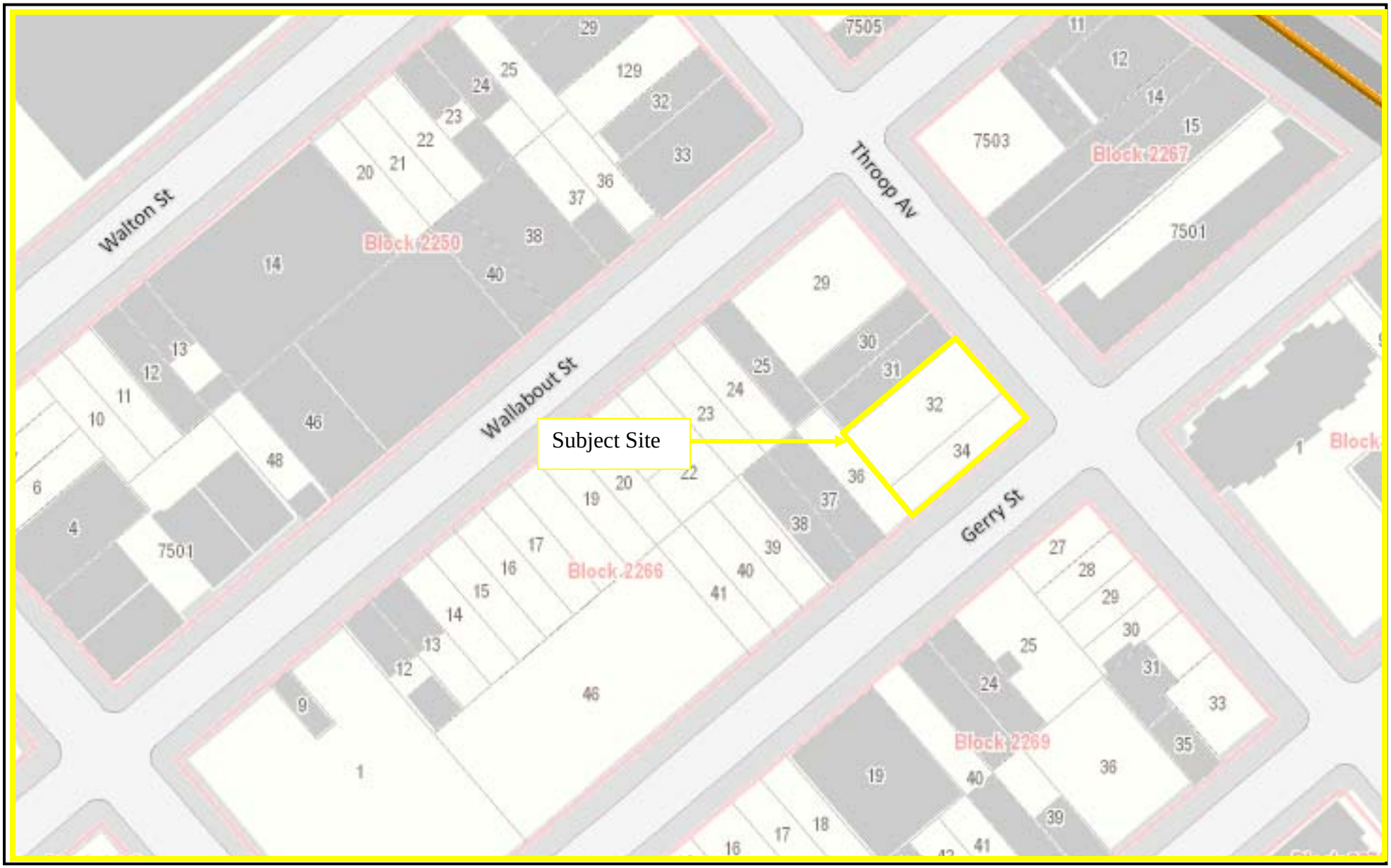


FIGURE 2A – LOT DIAGRAM

78 THROOP AVENUE
BROOKLYN, NEW YORK 11206

PHASE I – ENVIRONMENTAL SITE ASSESSMENT (BLOCK 2266 LOTS 32, 33 and 34)

EBC
ENVIRONMENTAL BUSINESSS CONSULTANTS
1808 MIDDLE COUNTRY ROAD, RIDGE, NEW YORK 11961
PHONE: (631) 504-6000 FAX: (631) 924-2870

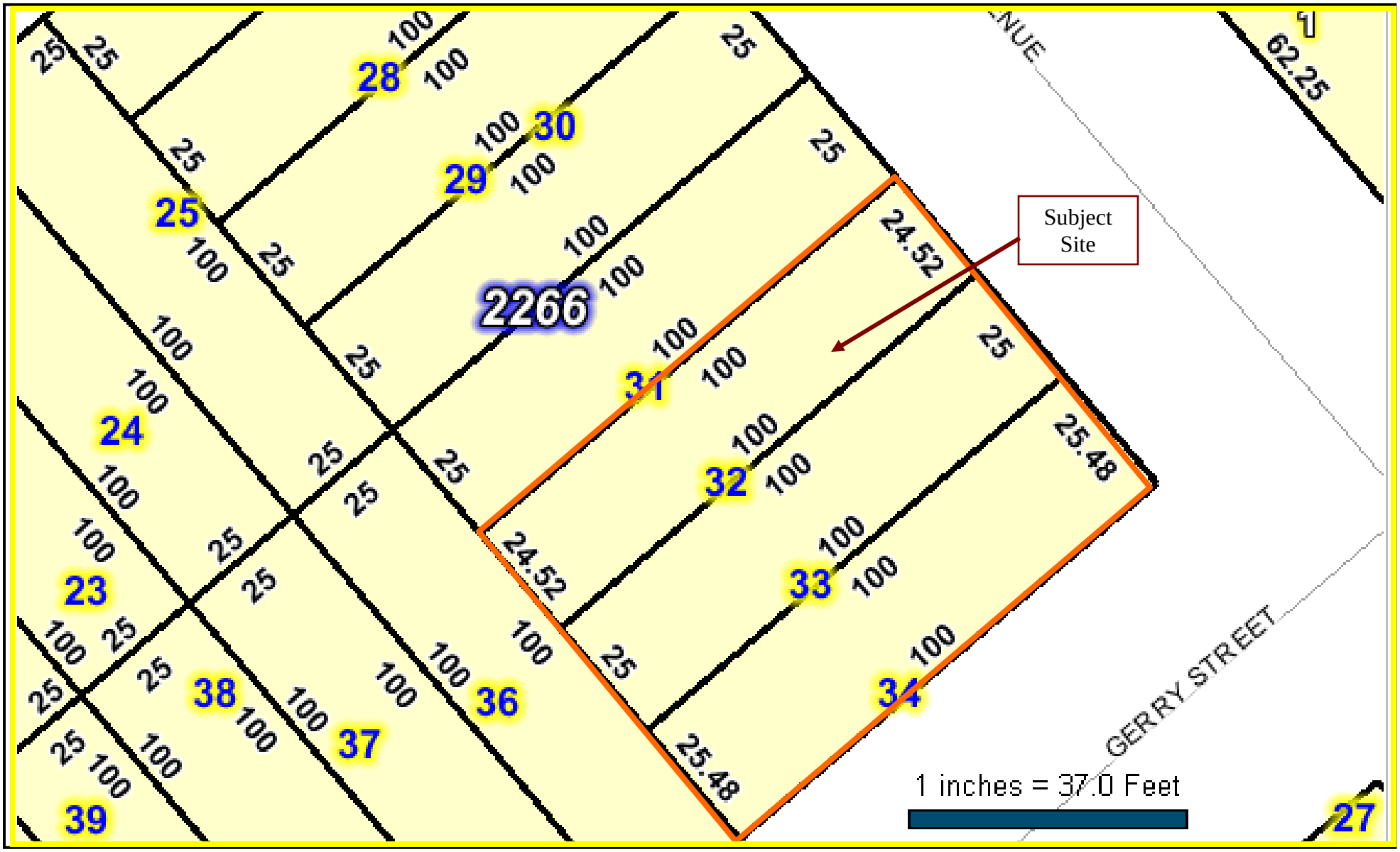


FIGURE 2B – LOT DIAGRAM

78 THROOP AVENUE
BROOKLYN, NEW YORK 11206

PHASE I – ENVIRONMENTAL SITE ASSESSMENT (BLOCK 2266 LOTS 32, 33 and 34)

EBC
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1808 MIDDLE COUNTRY ROAD, RIDGE, NEW YORK 11961
PHONE: (631) 504-6000 FAX: (631) 924-2870

FIGURE 3 – AERIAL MAP

78 THROOP AVENUE
BROOKLYN, NEW YORK 11206

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PHONE: (631) 504-6000 FAX: (631) 924-2870

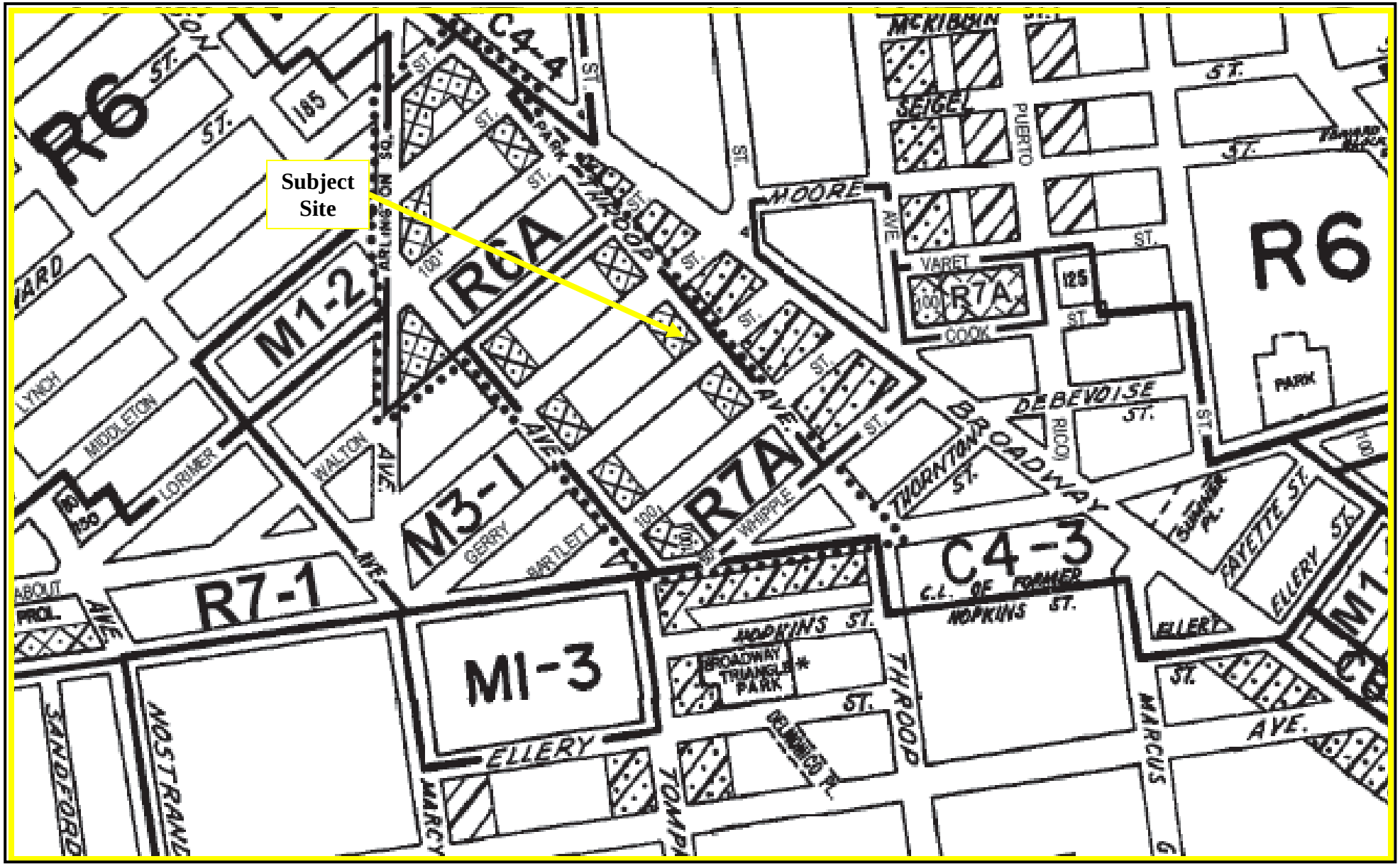

FIGURE 4A – ZONING MAP

78 THROOP AVENUE
BROOKLYN, NEW YORK 11206

PHASE I – ENVIRONMENTAL SITE ASSESSMENT (BLOCK 2266 LOT 32)

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Phone: (631) 504-6000 Fax: (631) 924-2870

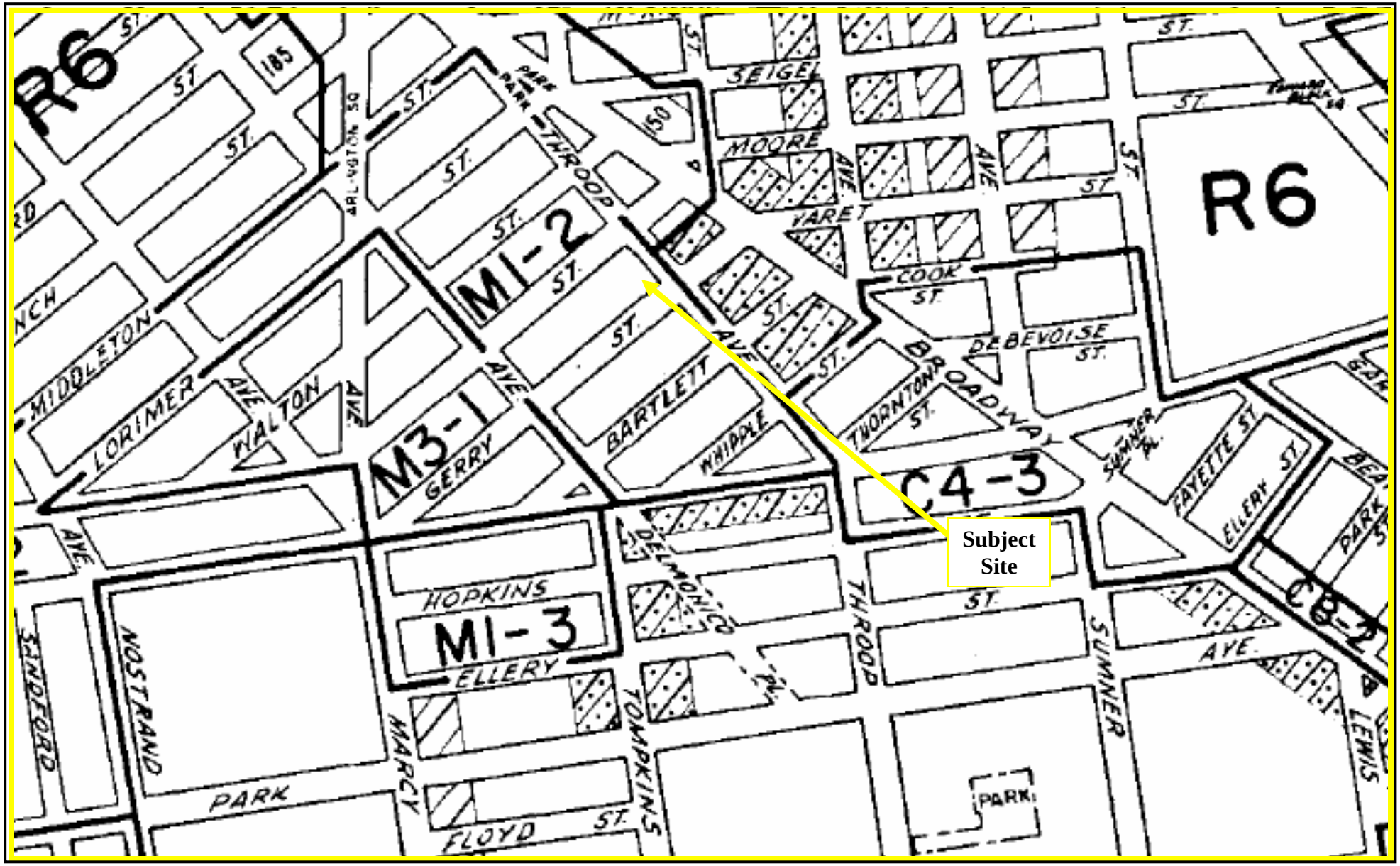

FIGURE 4B – HISTORIC ZONING MAP

78 THROOP AVENUE
BROOKLYN, NEW YORK 11206

PHASE I – ENVIRONMENTAL SITE ASSESSMENT (BLOCK 2266 LOT 32)

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Phone: (631) 504-6000 Fax: (631) 924-2870

APPENDIX A

SITE PHOTOGRAPHS

Photo 1 – View of the Site from Throop Avenue.

Photo 2 - View of the Throop Avenue sidewalk in front of Site.

Photo 3– Close up view of groundcover with vegetation on the Site.

Photo 4 – Additional view of the Site.

ADJACENT PROPERTY PHOTOS

Photo 5 – View of the front of the adjacent property to the north, 1-story brick industrial building (76 Throop Avenue).

Photo 6 – View of adjacent properties to the south *(source-www.google.com -streetview maps)*.

Photo 7 – View of adjacent property to the east, a 6-story apartment building (63-67 Throop Avenue).

Photo 8 – From right to left a view of the adjacent property to the west, a vacant lot (99 Gerry Street) with a mixed use building at 97 Gerry Street.

APPENDIX B

LOCAL AGENCY INFORMATION

May 1, 2012

Freedom of Information Officer
New York City Department of Health
125 Worth Street
New York, New York 10013

Re: Freedom of Information Request
78 Throop Avenue, Brooklyn, NY 11206
Block 2266, Lot 32

Dear Sir or Madam:

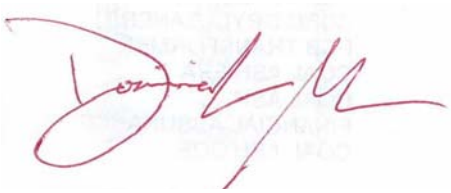
Environmental Business Consultants (EBC) has been retained to prepare a Phase I Environmental Site Assessment for the properties located at the above referenced addresses (Block 2266, Lot 32 in Brooklyn).

We are requesting available copies of environmental files, records, and memoranda concerning the property. This information should include: 1) past and present underground storage tank registration(s); 2) reported spills or releases of hazardous substances; 3) generation, storage, treatment, or disposal of hazardous substances; 4) past or present groundwater, surface water, and soil investigations; 5) environmental permits/violations.

We will gladly pay copying costs.

Please advise if this request can be accommodated in an expedient manner. We would like to schedule an appointment to copy the file/records if this is not possible. Feel free to call with any questions or if additional information is needed to respond to this request.

Very truly yours,



Dominick Mosca
Environmental Scientist

1808 Middle Country Road
Ridge, NY 11961
PHONE 631.504.6000
FAX 631.924.2870
E-MAIL kbrussee@optonline.net

May 1, 2012

Freedom of Information Officer
New York City Department of Health
125 Worth Street
New York, New York 10013

Re: Freedom of Information Request
78 Throop Avenue, Brooklyn, NY 11206
Block 2266, Lot 32

Dear Sir or Madam:

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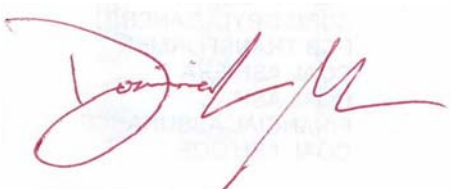

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E-MAIL kbrussee@optonline.net

Buildings

NYC .gov always open

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NYC Department of Buildings

Property Profile Overview

78 THROOP AVENUE	**BROOKLYN 11206**		**BIN# 3398094**
THROOP AVENUE 78 - 78			**Tax Block** : 2266
	Census Tract	: 507	**Tax Lot** : 32
	Community Board	: 301	**Condo** : NO
			Vacant : YES

View DCP Addresses... **Browse Block**

View Zoning Documents **View Challenge Results** **View Certificates of Occupancy**

Cross Street(s):	WALLABOUT STREET, GERRY STREET		
DOB Special Place Name:			
DOB Building Remarks:	BLOCK 2266 NEW LOT # 32...(3/12)		
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:	NONE		

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: V1-VACANT LAND

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	2	0
Violations-ECB (DOB)	0	0
Jobs/Filings	2	
ARA / LAA Jobs	0	
Total Jobs	2	
Total Actions	0	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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

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NYC Department of Buildings

Property Profile Overview

80 THROOP AVENUE		**BROOKLYN 11206**		**BIN# 3398095**	
THROOP AVENUE	80 - 80			**Tax Block**	: 2266
		Census Tract	: 507	**Tax Lot**	: 33
		Community Board	: 301	**Condo**	: NO
				Vacant	: YES

View DCP Addresses... **Browse Block**

View Zoning Documents **View Challenge Results** **View Certificates of Occupancy**

Cross Street(s):	WALLABOUT STREET, GERRY STREET		
DOB Special Place Name:			
DOB Building Remarks:	BLOCK 2266 NEW LOT # 33....(3/12)		
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Little 'E' Restricted:	N/A	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	NONE		

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: V1-VACANT LAND

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	0	0
Violations-ECB (DOB)	0	0
Jobs/Filings	1	
ARA / LAA Jobs	0	
Total Jobs	1	
Total Actions	0	

OR Enter Action Type:

OR Select from List: Select...

AND Show Actions

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

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

NYC Department of Buildings

Application Details

Premises: 78 THROOP AVENUE BROOKLYN
BIN: 3398094 **Block:** 2266 **Lot:** 32

Job No: 320450720
Document: 01 OF 2
Job Type: NB - NEW BUILDING

Development Challenge Process is pending Zoning Approval. For any issues, please contact the relevant borough office.

Last Action: PLAN EXAM - DISAPPROVED 04/03/2012 (J)

Pre-Filed: 03/19/2012 **Building Type:** Other **Estimated Total Cost:** $0.00
Date Filed: 03/20/2012 **Fee Structure:** STANDARD **Filing Method:** E-FILED
Review is requested under Building Code: 2008

Job Description Comments

1 Location Information (Filed At)

House No(s): 78 **Street Name:** THROOP AVE
Borough: Brooklyn **Block:** 2266 **Lot:** 32 **BIN:** 3398094 **CB No:** 301
Work on Floor(s): CEL 001 thru 004 **Apt/Condo No(s):**

2 Applicant of Record Information

Name: PANOS VIKATOS
Business Name: PANOS VIKATOS RA **Business Phone:** 917-412-7105
Business Address: 249-33 BEACH KNOLL AVE LITTLE NECK HIL NY 11362 **Business Fax:**
E-Mail: **Mobile Telephone:**
License Number: 034254
Applicant Type: ☐ P.E. ☒ R.A ☐ Sign Hanger ☐ Other

Directive 14 Applicant
Not Applicable
Previous Applicant of Record
Not Applicable

3 Filing Representative

Name: HERSHY/NATHAN FEKETE/HER/MAN
Business Name: THE BAC GROUP LTD **Business Phone:** 718-599-1559
Business Address: 366 BROADWAY BROOKLYN NY 11211 **Business Fax:**
E-Mail: **Mobile Telephone:**
Registration Number:

4 Filing Status

Click Here to View

5 Job Types

☐ **Alteration Type 1** ☒ **New Building**
- ☐ Change in Exits/Egress
- ☐ Change in Number of Stories ☐ **Alteration Type 2** ☐ **Full Demolition**
- ☐ Change in Number of Dwelling Units ☐ **Alteration Type 3** ☐ **Subdivision: Improved**
- ☐ Change in Room Count / Dwelling Units ☐ **Sign** ☐ **Subdivision: Condo**
- ☐ Change in Occupancy / Use
- ☐ Change inconsistent with current Cert. of Occup.

☐ **Alteration Type 1, OT "No Work"** **Directive 14 acceptance requested?** ☐ Yes ☒ No

6 Work Types

☐ **BL - Boiler** ☐ **FA - Fire Alarm** ☐ **FB - Fuel Burning** ☐ **FS - Fuel Storage**
☐ **FP - Fire Suppression** ☒ **MH - Mechanical** ☒ **PL - Plumbing** ☐ **SD - Standpipe**
☐ **SP - Sprinkler** ☒ **EQ - Construction Equipment** ☐ **CC - Curb Cut**

☒ **OT -** GEN. CONSTR.

7 Plans/Construction Documents Submitted

Plans Page Count: Not Provided

8 Additional Information

Enlargement proposed?

☒ No ☐ Yes ☐ Horizontal ☐ Vertical

Total Construction Floor Area: 8,125 sq.ft.

9 Additional Considerations, Limitations or Restrictions

Yes	No		
☐	N	**Structural peer review required per BC §1627**	**Peer Reviewer License No.(P.E.):**
☐	N	**Filed to Comply with Local Law**	**Local Law No./Year:**
☐	N	**Other, Specify:**	
☐	N	**Restrictive Declaration / Easement**	
☐	N	**Zoning Exhibit Record (I,II,III,etc)**	
☐	N	**Landmark**	
☐	N	**Filed to Address Violation(s)**	
☐	N	**Legalization**	
Y	☐	**"Little E" Hazmat Site**	
☐	N	**Unmapped Street**	
☐	N	**Adult Establishment**	
☐	N	**Compensated Development (Inclusionary Housing)**	
☐	N	**Low Income Housing (Inclusionary Housing)**	
☐	N	**Single Room Occupancy (SRO) Multiple Dwelling**	
☐	N	**Filing includes Lot Merger / Reapportionment (If Yes,17)**	
☐	☐	**Includes permanent removal of standpipe, sprinkler or fire suppression related systems**	
☐	☐	**Work includes partial demolition as defined in AC §28-101.5**	
☐	☐	**Structural Stability affected by proposed work**	
☐	N	**Work includes lighting fixture and/or controls, installation or replacement. [§ECC 404 and 505]**	
☐	N	**Site Safety Job / Project**	

Yes	No	
☐	N	**Included in LMCCC**
☐	N	**Infill Zoning**
☐	N	**Loft Board**
☐	N	**Quality Housing**

BSA Calendar No.(s):

CPC Calendar No.(s):

10 NYCECC Compliance ***New York City Energy Conservation Code*** **(Applicant Statement)**

☒ **To the best of my knowledge, belief and professional judgment, this application is in compliance with the NYCECC.**

☐ **Energy analysis is on another job number:**

Yes	No	
☐	N	**This application is, or is part of, a project that utilizes trade-offs among different major systems**
☐	N	**This application utilizes trade-offs within a single major system**

☐ **To the best of my knowledge, belief and professional judgment, all work under this application is exempt from the NYCECC in accordance with one of the following:**

☐ **The work is an alteration of State or National historic building.**

☐ **The scope of work is entirely in a low-energy building and is limited to the building envelope.**

☐ **The scope of work does not affect the energy use of the building.**

☐ **This is a post-approval amendment and exempt under a prior edition of the energy code.**

11 Job Description

LOT # 32 AND 33,ARE 78 AND 80 THROOP AVE AND ARE FILED AS A SINGLE ZONING LOT, 3 SEPERATE TAX LOTS AND 3 SEPERATE NB APPLICATIONS EACH A 4 STORY AND CELLAR 3 FAMILY BUILDING

Related BIS Job Numbers:

Primary application Job Number:

12 Zoning Characteristics

District(s): R7A - GENERAL RESIDENCE DISTRICT

Overlay(s): C2-4 - LOCAL SERVICE DISTRICT

Special District(s):

Map No.: 12d **Street legal width (ft.):** 70 **Street status:** ☒ Public ☐ Private

Zoning lot includes the following tax lots: Not Provided

Proposed: Use	Zoning Area (sq.ft.)	District	FAR
RESIDENTIAL	8,125	R7A	3.45
Proposed Totals:	8,125	--	3.45
Existing Total:		--	--

Proposed Lot Details: **Lot Type:** ☐ Corner ☒ Interior ☐ Through

Lot Coverage (%): 65 **Lot Area (sq.ft.):** 2,500 **Lot Width (ft.):** 25

Proposed Yard Details: ☐ No Yards **Or**

Front Yard (ft.): 0 **Rear Yard (ft.):** 31 **Rear Yard Equivalent (ft.):** 0

Side Yard 1 (ft.): 0 **Side Yard 2 (ft.):** 0

Proposed Other Details: **Perimeter Wall Height (ft.):** 31

Enclosed Parking? ☐ Yes ☒ No **No. of parking spaces:**

13 Building Characteristics

Primary structural system: ☐ **Masonry** ☒ **Concrete (CIP)** ☐ **Concrete (Precast)** ☐ **Wood**

☐ Steel (Structural) ☐ Steel (Cold-Formed) ☐ Steel (Encased in Concrete)

	Proposed	2008 Code Designations?
Structural Occupancy Category:	I - LOW HAZARD TO HUMAN LIFE	
Seismic Design Category:	CATEGORY B	
Occupancy Classification:	R-2 - RESIDENTIAL: APARTMENT HOUSES	☒ Yes ☐ No
Construction Classification:	II-A: 1 HOUR PROTECTED - NON-COMBUS	☒ Yes ☐ No
Multiple Dwelling Classification:	HAEA	
Building Height (ft.):	40	
Building Stories:	4	
Dwelling Units:	3	

Mixed use building? ☐ Yes ☒ No

14 Fill

☐ Not Applicable ☐ Off-Site ☒ On-Site ☐ Under 300 cubic yards

15 Construction Equipment

☐ Chute ☐ Sidewalk Shed **Construction Material:** WOOD/METAL

☒ Fence **Size:** linear ft. **BSA/MEA Approval No.:**

☐ Supported Scaffold ☐ Other

16 Curb Cut Description

Not Applicable

17 Tax Lot Characteristics

Not Provided

18 Fire Protection Equipment

	Existing		Proposed			Existing		Proposed	
	Yes	No	Yes	No		Yes	No	Yes	No
Fire Alarm	☐	☐	☐	☒	Sprinkler	☐	☐	☐	☒
Fire Suppression	☐	☐	☐	☒	Standpipe	☐	☐	☐	☒

19 Open Spaces

Not Provided

20 Site Characteristics

Yes	No		Yes	No	
☐	☒	Tidal / Fresh Water Wetlands	☒	☐	Fire District
☐	☒	Urban Renewal	☐	☒	Flood Hazard Area

21 Demolition Details

Not Applicable

22 Asbestos Abatement Compliance

Not Applicable

23 Signs

Not Applicable

24 Comments

25 Applicant's Statements and Signatures (See paper form or check Forms Received)

Yes	No	
☐	N	For New Building and Alteration 1 applications filed under the 2008 NYC Building Code only: does this building qualify for high-rise designation?
☐	☐	Directive 14 applications only: I certify that the construction documents submitted and all construction documents related to this application do not require a new or amended Certificate of Occupancy as there is no change in use, exits, or occupancy.

26 Owner's Information

Name: SIMON DUSHINSKY

Relationship to Owner: OWNER

Business Name: NORTH DRIGGS HOLDINGS LLC **Business Phone:** 718-246-4762

Business Address: 39 HEYWARD ST NEW YORK NY 11205 **Business Fax:**

E-Mail: **Owner Type:** CORPORATION

Non Profit: ☐ Yes ☒ No

Yes	No	
☐	N	Owner's Certification Regarding Occupied Housing (Remain Occupied)
☐	N	Owner's Certification Regarding Occupied Housing (Rent Control / Stabilization)
☐	☐	Owner DHCR Notification
☐	N	Owner's Certification for Adult Establishment
☐	☐	Owner's Certification for Directive 14 (if applicable)

Condo / Co-Op or Corporation Second Officer

Name: ISSAC RABINOWITZ **Title:** VP

Business Name: NORTH DRIGGS HOLDINGSLLC **Business Phone:** 718-246-4762

Business Address: 39 HEYWARD ST NEW YORK NY 11205 **Business Fax:**
E-Mail:

Metes and Bounds

To view metes and bounds, see the Plot Diagram (form PD-1). A scanned image may be available here.

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.

NYC Department of Buildings

Application Details

Premises: 78 THROOP AVENUE BROOKLYN
BIN: 3398094 **Block:** 2266 **Lot:** 32

Job No: 320450720
Document: 02 OF 2
Job Type: NB - NEW BUILDING

Development Challenge Process is pending Zoning Approval. For any issues, please contact the relevant borough office.

Last Action: APPLICATION PROCESSED - ENTIRE 04/18/2012 (D)

Pre-Filed: 04/17/2012 **Building Type:** Other **Estimated Total Cost:** $0.00
Date Filed: 04/18/2012 **Fee Structure:** STANDARD **Filing Method:** E-FILED

Job Description Comments

1 Location Information (Filed At)

House No(s): 78 **Street Name:** THROOP AVE
Borough: Brooklyn **Block:** 2266 **Lot:** 32 **BIN:** 3398094 **CB No:** 301
Work on Floor(s): OSP **Apt/Condo No(s):**

2 Applicant of Record Information

Name: PANOS VIKATOS
Business Name: PANOS VIKATOS RA **Business Phone:** 917-412-7105
Business Address: 249-33 BEACH KNOLL AVE LITTLE NECK HIL NY 11362 **Business Fax:**
E-Mail: **Mobile Telephone:**
License Number: 034254
Applicant Type: ☐ P.E. ☒ R.A ☐ Sign Hanger ☐ Other

Directive 14 Applicant
Not Applicable
Previous Applicant of Record
Not Applicable

3 Filing Representative

Name: HERSHY/NATHAN FEKETE/HERMAN
Business Name: THE BAC GROUP LTD **Business Phone:** 718-599-1559
Business Address: 366 BROADWAY BROOKLYN NY 11211 **Business Fax:**
E-Mail: **Mobile Telephone:**
Registration Number:

4 Filing Status

Click Here to View

5 Job Types

☐ **Alteration Type 1** ☒ **New Building**
- ☐ Change in Exits/Egress
- ☐ Change in Number of Stories ☐ **Alteration Type 2** ☐ **Full Demolition**
- ☐ Change in Number of Dwelling Units ☐ **Alteration Type 3** ☐ **Subdivision: Improved**
- ☐ Change in Room Count / Dwelling Units ☐ **Sign** ☐ **Subdivision: Condo**
- ☐ Change in Occupancy / Use
- ☐ Change inconsistent with current Cert. of Occup.

☐ **Alteration Type 1, OT "No Work"** **Directive 14 acceptance requested?** ☐ Yes ☒ No

6 Work Types

☐ **BL - Boiler** ☐ **FA - Fire Alarm** ☐ **FB - Fuel Burning** ☐ **FS - Fuel Storage**
☐ **FP - Fire Suppression** ☐ **MH - Mechanical** ☐ **PL - Plumbing** ☐ **SD - Standpipe**
☐ **SP - Sprinkler** ☒ **EQ - Construction Equipment** ☐ **CC - Curb Cut**

☐ **OT - Other**

7 Plans/Construction Documents Submitted

Plans Page Count: See Document 01 for totals

8 Additional Information

Not Applicable

9 Additional Considerations, Limitations or Restrictions

See 01 Document for this Information

10 NYCECC Compliance ***New York City Energy Conservation Code*** **(Applicant Statement)**

Not Provided

11 Job Description

SIDEWALK SHED FILED IN CONJUNCTION WITH 78 AND 80 THROOP AVE FOR A TOTAL STREET FRONTAGE OF 50 LINEAR FEET.

Related BIS Job Numbers: 320450720

Primary application Job Number:

12 Zoning Characteristics

See 01 Document for this Information

13 Building Characteristics

See 01 Document for this Information

14 Fill

See 01 Document for this Information

15 Construction Equipment

☐ **Chute** ☒ **Sidewalk Shed** **Construction Material:** WOOD/METAL

☐ **Fence** **Size:** 50 linear ft. **BSA/MEA Approval No.:**

☐ **Supported Scaffold** ☐ **Other**

16 Curb Cut Description

Not Applicable

17 Tax Lot Characteristics

See 01 Document for this Information

18 Fire Protection Equipment

See 01 Document for this Information

19 Open Spaces

Not Provided

20 Site Characteristics

See 01 Document for this Information

21 Demolition Details

Not Applicable

22 Asbestos Abatement Compliance

Not Applicable

23 Signs

Not Applicable

24 Comments

25 Applicant's Statements and Signatures **(See paper form or check Forms Received)**

See 01 Document for this Information

26 Owner's Information

Name: SIMON DUSHINSKY

Relationship to Owner: OWNER

Business Name: NORTH DRIGGS HOLDINGS LLC **Business Phone:** 718-246-4762

Business Address: 39 HEYWARD ST NEW YORK NY 11205 **Business Fax:**

E-Mail: **Owner Type:** CORPORATION

Non Profit: ☐ Yes ☒ No

Condo / Co-Op or Corporation Second Officer

Name: ISSAC RABINOWITZ **Title:** VP

Business Name: NORTH DRIGGS HOLDINGSLLC **Business Phone:** 718-246-4762

Business Address: 39 HEYWARD ST NEW YORK NY 11205 **Business Fax:**

E-Mail:

Metes and Bounds

To view metes and bounds, see the Plot Diagram (form PD-1). A scanned image may be available here.

HELP

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

Current Search Criteria:

Borough: BROOKLYN
Block: 2266
Lot: 32
Date Range:
Document Class: All Document Classes

Search Results By Parcel Identifier

Records 1 - 10 << previous next >> Max Rows 99 [Search Options] [New BBL Search] [Edit Current Search] [View Tax Map] [**Print Index**]

View	Reel/Pg/File	CRFN	Lot	Partial	Recorded / Filed	Document Type	Pages	Party1	Party2	Party 3/ Other	More Party 1/2 Names	Corrected/ Remarks	Doc Amount
DET IMG	4000/2238		32	ENTIRE LOT	8/19/1997	DEED	3	SIMEK, KAREL	RAMOOE INC				0
DET IMG	1389/1050		32	ENTIRE LOT	4/20/1983	DEED	2	NEW YORK CITY	SIMEK, KAREL C				0
DET IMG	1079/50		32	ENTIRE LOT	6/14/1979	DEED	52	COMMISSIONER OF FINANCE OF THE CITY OF NEW YORK	THE CITY OF NEW YORK		✓	✓	0
DET IMG	396/1134		32	ENTIRE LOT	2/27/1970	DEED	2	US REHABILITATION CORP	618 EAST 140TH ST CORP				0
DET IMG	396/1132		32	ENTIRE LOT	2/27/1970	DEED	2	78 THROOP REALTY CORP	US REHABILITATION CORP				0
DET IMG	27/252		32	ENTIRE LOT	6/28/1966	SUNDRY AGREEMENT	6	GERGES ABRAHAM G			✓		0
DET IMG	167/284		32	ENTIRE LOT	6/22/1966	DEED	2	MEL BAR BEL RLTY CORP	78 THROOP AVE RLTY CORP				0
DET IMG	26/335		32	ENTIRE LOT	1/27/1966	SUNDRY AGREEMENT	6	ASHKENAZY ISIDORE			✓		0
DET IMG	26/331		32	ENTIRE LOT	1/27/1966	MORTGAGE	4	MEL BAR BEL RLTY CORP	ASHKENAZY ISIDORE		✓		0
DET IMG	26/325		32	ENTIRE LOT	1/27/1966	DEED	2	BUILDING REHABILITATION CORP OF NEW YORK	MEL BAR BEL REALTY CORP				0

Search Options | New Parcel Identifier Search | Edit Current Search | View Tax Map

No credit #1

Standard N.Y.B.T.U. Form 9002 • 11-68-70M—[illegible] Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

REEL 396 PAGE 1132

THIS INDENTURE, made the 8th day of December, nineteen hundred and sixty-nine

BETWEEN

BL 2266

LOT 32

78 Throop Realty Corp. a domestic corporation with offices at 1038 Jackson Avenue Long Island City, N.Y.

party of the first part, and U. S. REHABILITATION CORPORATION a New York domestic corporation with offices at 111 Court Street, Brooklyn, New York.

8

21

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other 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 westerly side of Throop Avenue, distant twenty-five (25) feet five and three-quarter (5 3/4) inches northerly from the corner formed by the intersection of the northerly side of Gerry Street with the westerly side of Throop Avenue; running thence westerly parallel with Gerry Street one hundred (100) feet; thence northerly parallel with Throop Avenue forty-nine (49) feet six and one-quarter (6 1/4)inches; thence easterly again parallel with Gerry Street one-hundred (100) feet to the westerly side of Throop Avenue; and thence southerly along the westerly side of Throop Avenue forty-nine (49) feet six and one-quarter (6 1/4) inches to the point or place of beginning.

TOGETHER with all the right, title and interest of the party of the first part of, in and to the land lying in Throop Avenue, in front of and adjoining said premises to the centre line thereof.

SAID premises being known as and by street number 78-80 Throop Avenue, Brooklyn, New York.

REAL ESTATE TRANSFER TAX STATE OF NEW YORK Dept. of Taxation & Finance 00.00

Omit

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" whenever 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:

78 CORPORATE SEAL REALTY NEW YORK 1969

78 Throop Realty Corp.

by [signature]

PRES.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF Kings ss:

On the 8th day of Dec. 1969, before me personally came Melvin Belgraier to me known, who, being by me duly sworn, did depose and say that he resides at No. 2001 Rutgers Road Franklin Sq. ; that he is the President of 78 Throop Realty Corp. , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

male

Stanley Blindman

STANLEY BLINDMAN
Notary Public, State of New York
No. 41-0319995
Qualified in Queens County
Commission Expires March 30, 1971

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ;

that he knows

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO.

78 THROOP REALTY CORP.

TO

U. S. REHABILITATION CORPORATION

SECTION
BLOCK 2266
LOT 32
COUNTY OR TOWN

7489

NOT SUBJECT TO MTGE TAX

Recorded At Request of The Title Guarantee Company
RETURN BY MAIL TO:

A Borges
111 Lot St
Bkly, N.Y.

Zip No.

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
THE TITLE GUARANTEE COMPANY
CHARTERED 1886 IN NEW YORK

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

RECORD & RETURN TO: CITY REGISTER

DIVISION OF CITY REGISTER
KINGS COUNTY
RECORDED BY Land
and OFFICIAL SEAL

1969 FEB 27 AM 2:30

A — 1st
29009
2 — 2nd
29010

REC. FEE
N.Y. STATE TAX EXEMPT
MTG $
MRT # 3808

BK 3806 PG 1153

Standard N.Y.B.T.U. Form 8001 - 12-67-10M—Quitclaim Deed—Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

N Grant 21 U S 8.— 2266 Y.D. 32

THIS INDENTURE, made the 23rd day of December nineteen hundred and sixty nine

BETWEEN U. S. REHABILITATION CORPORATION, a New York domestic corporation with offices at 111 Court Street, Brooklyn, New York,

party of the first part, and 618 East 140th St. CORP., a New York domestic corporation with offices at 70 Morton Street, Brooklyn, New York,

party of the second part,

WITNESSETH, that the party of the first part, in consideration of ten dollars paid by the party of the second part, does hereby remise, release and quitclaim 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 westerly side of Throop Avenue, distant twenty-five (25) feet five and three-quarter (5 3/4) inches northerly from the corner formed by the intersection of the northerly side of Gerry Street with the westerly side of Throop Avenue; running thence westerly parallel with Gerry Street one hundred (100) feet; thence northerly parallel with Throop Avenue forty-nine (49) feet six and one-quarter (6 1/4) inches; thence easterly again parallel with Gerry Street one-hundred (100) feet to the westerly side of Throop Avenue; and thence southerly along the westerly side of Throop Avenue forty-nine (49) feet six and one-quarter (6 1/4) inches to the point or place of BEGINNING.

TOGETHER with all the right, title and interest of the party of the first part of, in and to the land lying in Throop Avenue, in front of and adjoining said premises to the centre line thereof.

SAID premises being known as and by street number 78-80 Throop Avenue, Brooklyn, New York.

REAL ESTATE TRANSFER TAX STATE OF NEW YORK Dept. of Taxation & Finance 00.00

OK

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, in compliance with Section 13 of the Lien Law, hereby 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" whenever 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:

U. S. Rehabilitation Corporation Dec 1969 New York, N.Y.

U. S. REHABILITATION CORPORATION

By: Abraham G. Gerges

ABRAHAM G. GERGES, Vice-President

REC 3506 PG 1154

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF King ss:

On the 23rd day of December, 19 69, before me personally came ABRAHAM G. GERGES

to me known, who, being by me duly sworn, did depose and say that he resides at No. 1245 E. 105th Street, Brooklyn, New York ;

that he is the Vice-President

of U. S. Rehabilitation Corporation

, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so made by order of the board of directors of said corporation, and that he signed his name thereto by like order.

ELLIOT SHEPTMAN SHEPTMAN

Notary Public, State of New York
No. 31-4657
Qualified in Nassau County
Commission Expires March 30, 1971

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows

to be the individual

described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

LIBER 3806 PAGE 1135

Quitclaim Deed

TITLE NO.

U. S. REHABILITATION CORPORATION

TO

618 E. 140th St. CORP.

SECTION
BLOCK 2266
LOT 32
COUNTY OR TOWN KINGS

COL. VER. APP

7490

Recorded At Request of The Title Guarantee Company
RETURN BY MAIL TO:

MR. BENCION TABAK
70 Morton Street
Brooklyn, New York Zip No.

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
THE TITLE GUARANTEE COMPANY
CHARTERED 1883 IN NEW YORK

NOT SUBJECT TO MTGE TAX

RECORD AND RETURN TO:

CITY REGISTER

OFFICE OF CITY REGISTER
KINGS COUNTY
RECORDED BY
AND OFFICIAL SEAL

N.Y. STATE TAX EXEMPT

3809

RECEIVED 1970 FEB 22 PM 2 30

A 29006

29007

0.00

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

No credit #1

Standard N.Y.B.T.U. Form 9002 • 11-68-70M—[illegible] Individual or Corporation (single sheet)

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY.

REEL 396 PAGE 1132

THIS INDENTURE, made the 8th day of December, nineteen hundred and sixty-nine

BETWEEN

BL 2266

LOT 32

78 Throop Realty Corp. a domestic corporation with offices at 1038 Jackson Avenue Long Island City, N.Y.

party of the first part, and U. S. REHABILITATION CORPORATION a New York domestic corporation with offices at 111 Court Street, Brooklyn, New York.

8

21

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other 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 westerly side of Throop Avenue, distant twenty-five (25) feet five and three-quarter (5 3/4) inches northerly from the corner formed by the intersection of the northerly side of Gerry Street with the westerly side of Throop Avenue; running thence westerly parallel with Gerry Street one hundred (100) feet; thence northerly parallel with Throop Avenue forty-nine (49) feet six and one-quarter (6 1/4)inches; thence easterly again parallel with Gerry Street one-hundred (100) feet to the westerly side of Throop Avenue; and thence southerly along the westerly side of Throop Avenue forty-nine (49) feet six and one-quarter (6 1/4) inches to the point or place of beginning.

TOGETHER with all the right, title and interest of the party of the first part of, in and to the land lying in Throop Avenue, in front of and adjoining said premises to the centre line thereof.

SAID premises being known as and by street number 78-80 Throop Avenue, Brooklyn, New York.

REAL ESTATE TRANSFER TAX STATE OF NEW YORK Dept. of Taxation & Finance 00.00

Omit

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" whenever 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:

78 CORPORATE SEAL REALTY NEW YORK 1969

78 Throop Realty Corp.

by [signature]

PRES.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF Kings ss:

On the 8th day of Dec. 1969, before me personally came Melvin Belgraier to me known, who, being by me duly sworn, did depose and say that he resides at No. 2001 Rutgers Road Franklin Sq. ; that he is the President of 78 Throop Realty Corp. , the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed his name thereto by like order.

male

Stanley Blindman

STANLEY BLINDMAN
Notary Public, State of New York
No. 41-0319995
Qualified in Queens County
Commission Expires March 30, 1971

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19 , before me personally came

the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No. ;

that he knows

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO.

78 THROOP REALTY CORP.

TO

U. S. REHABILITATION CORPORATION

SECTION
BLOCK 2266
LOT 32
COUNTY OR TOWN

7489

NOT SUBJECT TO MTGE TAX

Recorded At Request of The Title Guarantee Company
RETURN BY MAIL TO:

A Borges
111 Lot St
Bkly, N.Y.

Zip No.

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
THE TITLE GUARANTEE COMPANY
CHARTERED 1886 IN NEW YORK

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

RECORD & RETURN TO: CITY REGISTER

DIVISION OF CITY REGISTER
KINGS COUNTY
RECORDED BY Land
and OFFICIAL SEAL

1969 FEB 27 AM 2:30

A — 1st
29009
2 — 2nd
29010

REC. FEE
N.Y. STATE TAX EXEMPT
MTG $
MRT # 3808

BK 3806 PG 1153

WCB2

SL 11173

CONSULT YOUR LAWYER BEFORE SIGNING THIS INSTRUMENT—THIS INSTRUMENT SHOULD BE USED BY LAWYERS ONLY

REEL 1000 PG 2238

THIS INDENTURE, made the 25th day of June, nineteen hundred and ninety-seven

BETWEEN KAREL SIMEK
306 East 120th Street
New York, N.Y. 10035

party of the first part, and RAMOOR INC.
527 Bedford Avenue
Brooklyn, N.Y. 11211

TT$380

party of the second part,

WITNESSETH, that the party of the first part, in consideration of Ten Dollars and other 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 westerly side of Throop Avenue, distant twenty-five (25) feet five and three-quarter (5-3/4/) inches northerly from the corner formed by the intersection of the northerly side of Gerry Street with the westerly side of Throop Avenue;

RUNNING THENCE westerly parallel with Gerry Street one hundred (100) feet;

THENCE northerly parallel with Throop Avenue forty-nine (49) feet six and one-quarter (6-1/4) inches;

THENCE easterly again parallel with Gerry Street one-hundred (100) feet to the westerly side of Throop Avenue; and

THENCE southerly along the westerly side of Throop Avenue forty-nine (49) feet six and one-quarter (6-1/4) inches to the point or place of BEGINNING.

Being the same premises conveyed to grantor herein by deed dated 2/9/83 recorded 4/20/83 in reel 1389 page 1050.

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" whenever 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:

KAREL SIMEK

STATE OF NEW YORK, COUNTY OF New York ss:

On the 25 day of June 97, before me personally came C. KAREL SIMEK

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that he executed the same.

BERNARD A. SHAFRAN
Notary Public, State of New York
No. 41-4665361
Qualified in Queens County
Commission Expires Oct. 31, 19

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came

to me known to be the individual described in and who executed the foregoing instrument, and acknowledged that executed the same.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came
to me known, who, being by me duly sworn, did depose and say that he resides at No.

that he is the ;
of

, the corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the board of directors of said corporation, and that he signed h name thereto by like order.

STATE OF NEW YORK, COUNTY OF ss:

On the day of 19, before me personally came
the subscribing witness to the foregoing instrument, with whom I am personally acquainted, who, being by me duly sworn, did depose and say that he resides at No.

that he knows ;

to be the individual described in and who executed the foregoing instrument; that he, said subscribing witness, was present and saw execute the same; and that he, said witness, at the same time subscribed h name as witness thereto.

RECORDED 1000 PG 2234

Bargain and Sale Deed
WITH COVENANT AGAINST GRANTOR'S ACTS

TITLE NO. SL 11173

C. KAREL SIMEK

TO

RAMOOE INC.

SECTION 8
BLOCK 2266
LOT 32
COUNTY ~~OR TOWN~~ Kings

STANDARD FORM OF NEW YORK BOARD OF TITLE UNDERWRITERS
Distributed by
First American Title Insurance Company of New York

Recorded At Request of
First American Title Insurance Company of New York

RETURN BY MAIL TO

FRENKEL, HERSHKOVITZ + SHAFRAN
~~BENNY SCHNEIDERMAN, ESQ.~~
16 E. 34th Street
New York, New York
BERNARD A SHAFRAN, ESQ. Zip No. 10016

RESERVE THIS SPACE FOR USE OF RECORDING OFFICE

CITY REGISTER RECORDING AND ENDORSEMENT PAGE

- KINGS COUNTY -

(This page forms part of the instrument)

Block(s) 2266

Lot(s) 32

Record & Return to: Bernard Shafran, Esq. Frenkel, Hershowitz & Shafra
16 E 34th St., New York, NY 10016

Title/Agent Company name: Sutton Land Services

Title Company number: SL 11173

REEL 1400 PG 2240

CITY USE ONLY - DO NOT WRITE BELOW THIS LINE

THE FOREGOING INSTRUMENT WAS ENDORSED FOR THE RECORD AS FOLLOWS:

Examined by (✓):

City Register Serial Number ➡ 048994

Mtge Tax Serial No.

Mtge Amount $

Taxable Amount $

Exemption (✓) YES ☐ NO ☐

Type: [339EE] [255] [OTHER]

Dwelling Type: [1 to 2] [3] [4 to 6] [OVER 6]

TAX RECEIVED ON ABOVE MORTGAGE ▼

County (basic) $

City (Addt'l) $

Spec Addt'l $

TASF $

MTA $

NYCTA $

TOTAL TAX $

Apportionment Mortgage (✓) YES ☐ NO ☐

Joy A. Bobrow, City Register

Indexed By (✓):

Verified By (✓):

Block(s) and Lot(s) verified by (✓): PP

Address ☒ Tax Map ☐

Extra Block(s) Lot(s)

Recording Fee $ 32

Affidavit Fee (C) $

TP-584/582 Fee (Y) $

RPTT Fee (R) $ 25

HPD-A ☐ HPD-C ☐

New York State Real Estate Transfer Tax ▼

$ 380

Serial Number ➡ 000930

New York City Real Property Transfer Tax Serial Number ➡ 13347

New York State Gains Tax Serial Number ➡

RECORDED IN KINGS COUNTY
OFFICE OF THE CITY REGISTER

1997 AUG 19 A 11:07

Witness My Hand and Official Seal

City Register

08-19-97 RECD 8:02 POLL RECD 772630 $22.00

CRCFMBOK.BPG 1/93

KW 10/82/182

REEL 1389 PAGE 1050

Stamp 550

THIS INDENTURE, made the 9th day of February nineteen hundred and eighty- Three between THE CITY OF NEW YORK, a municipal corporation, having it's principal office at City Hall, Borough of Manhattan, City and State of New York, the first party and Karol C. Simek
Residing At 156 5th Avenue,
New York NY. 10010

hereinafter designated as the second party.

WHEREAS, the Board of Estimate of the City of New York by resolution adopted on the 19 day of August , 1982 (Calendar No. 148), and after the appraisal under the direction of said Board, duly ordered and directed the sale at public auction of the premises therein and hereinafter described for the minimum or upset price of FIVE THOUSAND (5,000.00) DOLLARS

and

WHEREAS, after advertisement in the manner provided by law, said premises were duly sold by and under the direction of the Deputy Commissioner of General Services, Division of Real Property at public auction at the time and place set forth in such advertisement for the sum of FIVE THOUSAND (5,000.00) DOLLARS

that being the highest bid therefor at said sale,

NOW, THEREFORE, WITNESSETH: That the first party, in consideration of the sum of FIVE THOUSAND (5,000.00) DOLLARS

lawful money of the United States, paid by the second party, does hereby grant and release unto the second party, the heirs or successors and assigns of the second party forever,

All that certain piece or parcel of land, together with any improvements thereon, situate, lying and being in the Borough of Brooklyn
City and State of New York, designated on the Tax Map of the City of New York, for the Borough of Brooklyn , as said Tax Map was on January 17, 1978
Block 2266 Lot/s 32

TO HAVE AND TO HOLD the premises herein granted unto the second party, the heirs or successors and assigns of the second party forever.

Subject to: (1) Any state of facts an accurate survey would show; (2) The rights, if any, of tenants and persons in possession, if any; (3) All violations of any local, State or The Federal Government having jurisdiction thereof existing at the time of closing; (4) Building restrictions and to zoning regulations in force at the time of the delivery of the deed and to covenants, restrictions of record, and easements affecting the subject property; (5) The trust fund provisions of section thirteen of the Lien Law; and (6) All pending assessments, if any, which the second party will assume; and (7) All provisions of The Standard Terms and Conditions of Sale in force and effect at the time of the Sale that are applicable.

In the event of the acquisition by The City of New York by condemnation or otherwise of any part or portion of the above premises lying within the bed of any street, avenue, parkway, expressway, park, public place or catch-basin as said street, avenue, parkway, expressway, park, public place or catch-basin is shown on the present City Map, the party of the second part the heirs or successors and assigns of the party of the second part, shall only be entitled as compensation for such acquisition by the The City to the amount of one dollar, and shall not be entitled to compensation for any buildings or structures erected thereon within the lines of the street, avenue, parkway, expressway, park, public place or catch-basin so laid out and acquired. This covenant shall be binding upon and run with the land and shall endure until the City Map is changed so as to eliminate from within the lines of said street, avenue, parkway, expressway, park, public place or catch-basin any part or portion of the premises and no longer.

IN WITNESS WHEREOF, the party of the first part has caused these presents to be subscribed to by the Deputy Commissioner of General Services, Division of Real Property and by the City Clerk and its corporate seal to be hereunto affixed the day and year first above written.

THE CITY OF NEW YORK

By _____
Deputy Commissioner of General Services
Division of Real Property

Approved as to Form

_____
Asst. Corporation Counsel

By _____
City Clerk

STATE OF NEW YORK,)
COUNTY OF NEW YORK) ss:

On this 9th day of February, 1983, before me personally came TERRENCE MOAN, to me known and known to me to be the Deputy Commissioner of General Services, Division of Real Property of the City of New York and the same person who executed the foregoing instrument, and he acknowledged that he executed the foregoing instrument on behalf of the City of New York as said Deputy Commissioner of General Services, Division of Real Property pursuant to the authority vested in him by resolution of the Board of Estimate, date and calendar number, set forth in the within instrument.

Maria Aponte

MARIA APONTE
Commissioner of Deeds
City of New York 2-0523
Commission Expires December 1, 1984

STATE OF NEW YORK,)
COUNTY OF NEW YORK) ss:

On this 9th day of February, 1983, ~~XXXX~~ before me personally came DAVID DINKINS with whom I am acquainted and known to me to be the City Clerk of the City of New York, being by me duly sworn, deposes and says; that he resides at 157-10 Riverside ~~X~~ Drive, NYC. ; that he is the City Clerk of The City of New York, the municipal corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation, that the seal affixed to said instrument is such corporate seal; that it was so affixed as provided by law; and that he signed his name thereto as City Clerk by like authority.

RAQUEL E. VIDAL
Commissioner of Deeds
City of New York - No. 4-[illegible]
Certificate Filed in New York County
Commission Expires October 1, 1984

Raquel E. Vidal

DEED

THE CITY OF NEW YORK

TO

KAREL C. SIMEK

BLOCK 2266 LOT 32
COUNTY Kings

Record and return to:

L. SIMEK
[illegible] AVE APT 10B
NY, NY 10[illegible]

11583
Compared
1983 APR 20 AM 9 31

REC. $ [illegible]
SST # 5.50
RPT # 5135

OFFICE OF CITY REGISTER
Kings County
RECORDED
Witness my hand
and official seal

George J. Fried
CITY REGISTER

REAL ESTATE TRANSFER TAX
APR 20 1983
KINGS COUNTY
3125

APPENDIX C

SANBORN MAPS

78 Throop Avenue

78 Throop Avenue

Brooklyn, NY 11206

Inquiry Number: 3313729.3

May 01, 2012

Certified Sanborn® Map Report

EDR® Environmental Data Resources Inc

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

Certified Sanborn® Map Report

5/01/12

Site Name:
78 Throop Avenue
78 Throop Avenue
Brooklyn, NY 11206

EDR Inquiry # 3313729.3

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

Contact: Dominick Mosca

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Env. Business Consultants were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: 78 Throop Avenue
Address: 78 Throop Avenue
City, State, Zip: Brooklyn, NY 11206
Cross Street:
P.O. # NA
Project: TRG1202 - 78 Throop Avenue
Certification # B041-4C17-A691

Maps Provided:

2007	2001	1989	1980	1935
2006	1996	1987	1979	1918
2005	1995	1986	1977	1904
2004	1993	1984	1965	1887
2003	1992	1982	1950	
2002	1991	1981	1947	

Sanborn® Library search results
Certification # B041-4C17-A691

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
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

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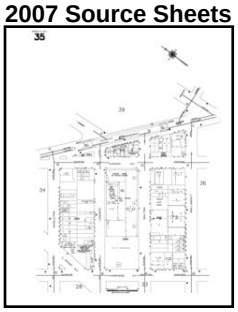

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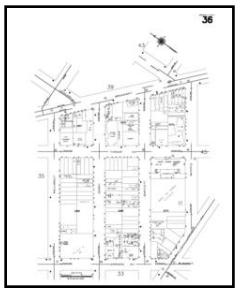

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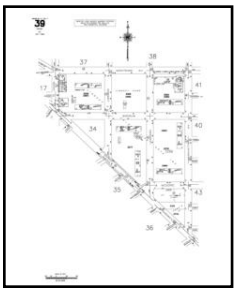

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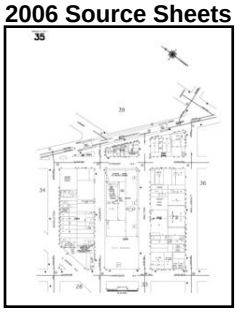

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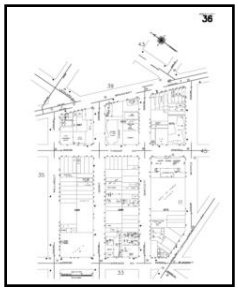

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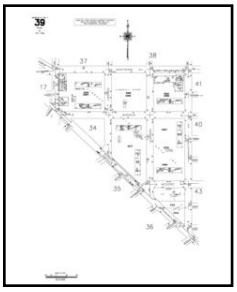

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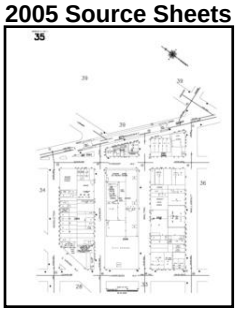

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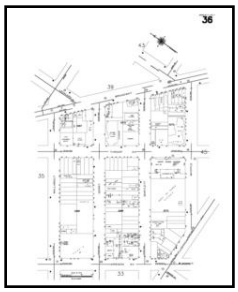

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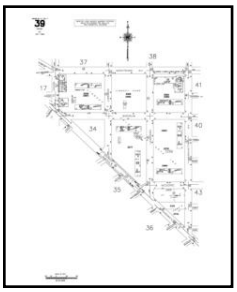

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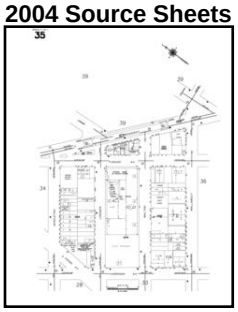

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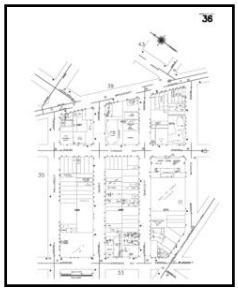

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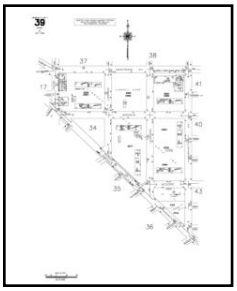

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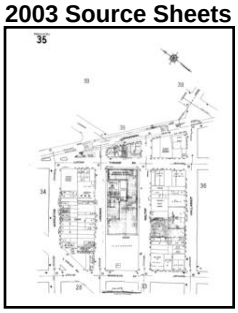

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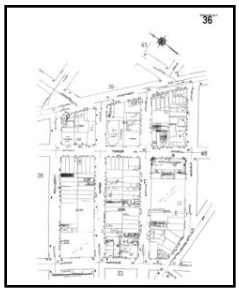

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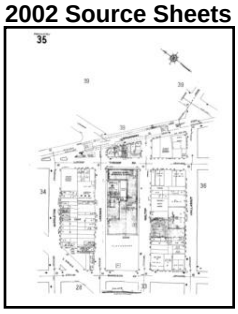

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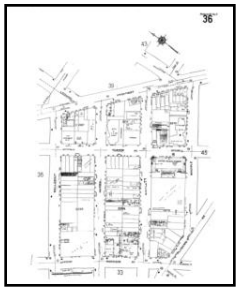

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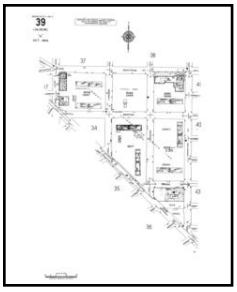

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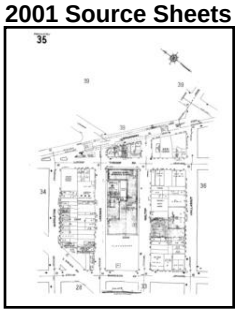

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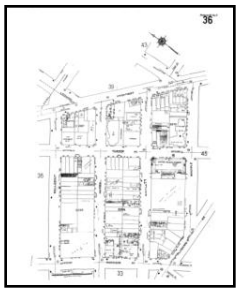

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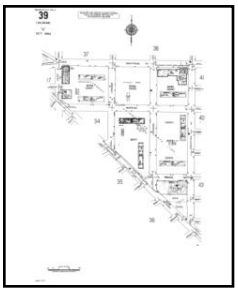

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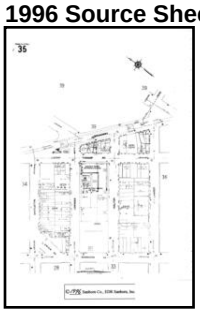

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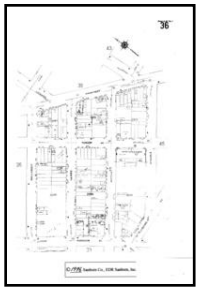

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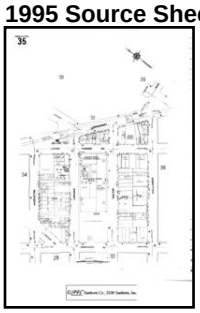

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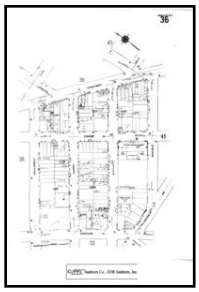

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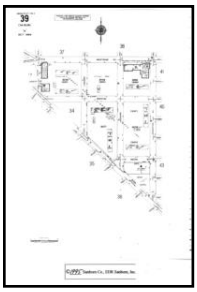

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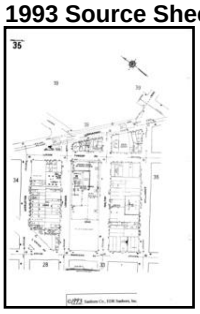

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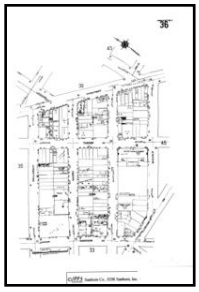

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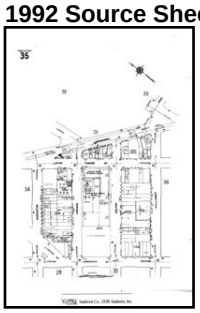
1992 Source Sheets



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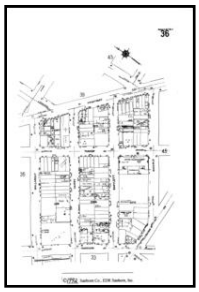

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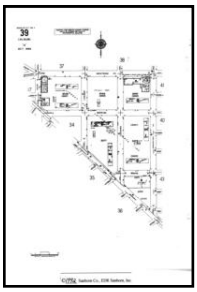

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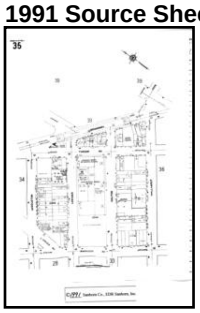

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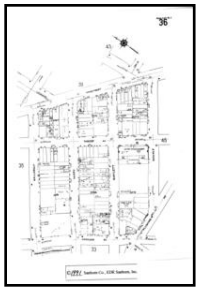

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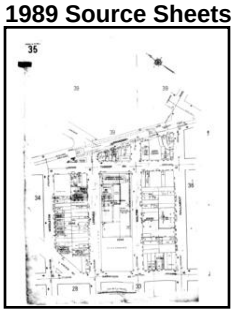

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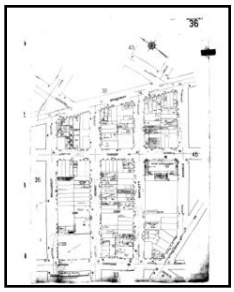

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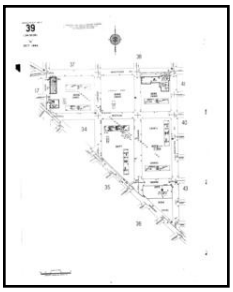

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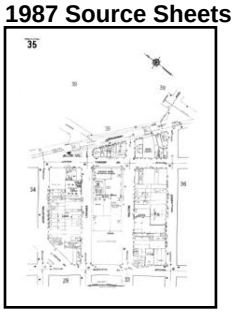

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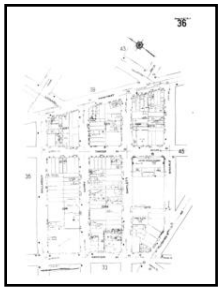

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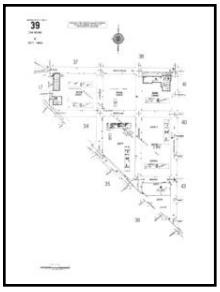

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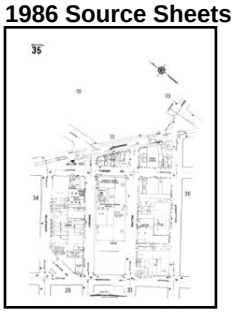

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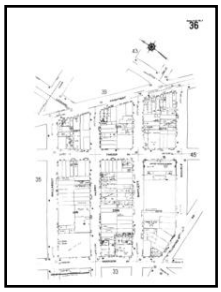

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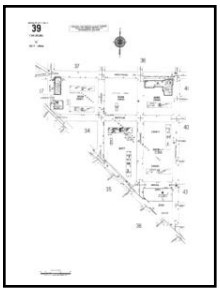

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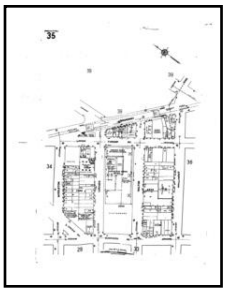

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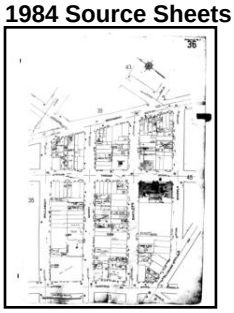

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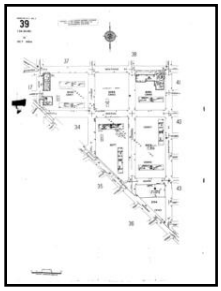

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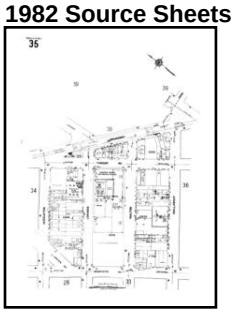

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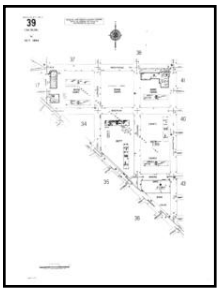

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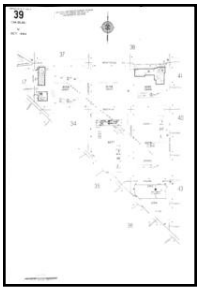

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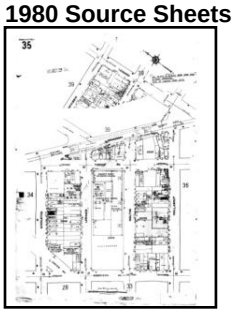

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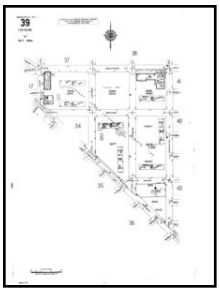

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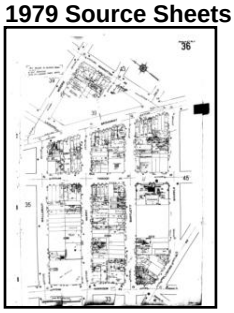

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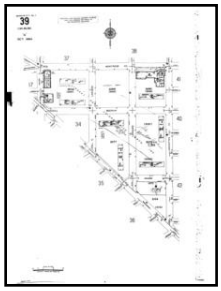

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1977 Source Sheets

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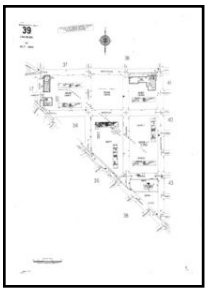

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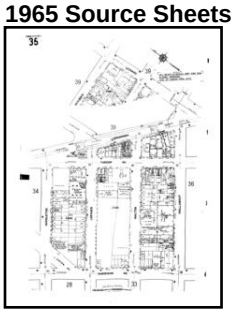

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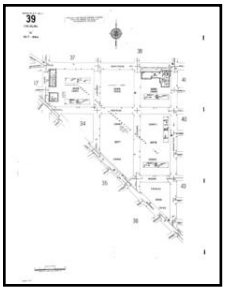

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1950 Source Sheets

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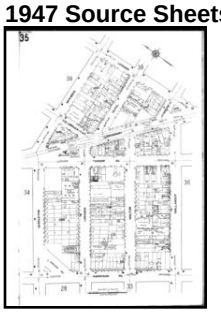
1947 Source Sheets



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1935 Source Sheets

Volume 3, Sheet 35

Volume 3, Sheet 36

1918 Source Sheets

Volume 3, Sheet 35

Volume 3, Sheet 36

1904 Source Sheets

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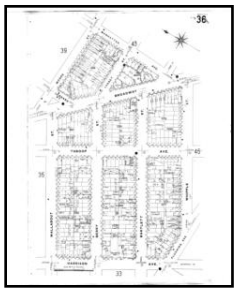

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1887 Source Sheets

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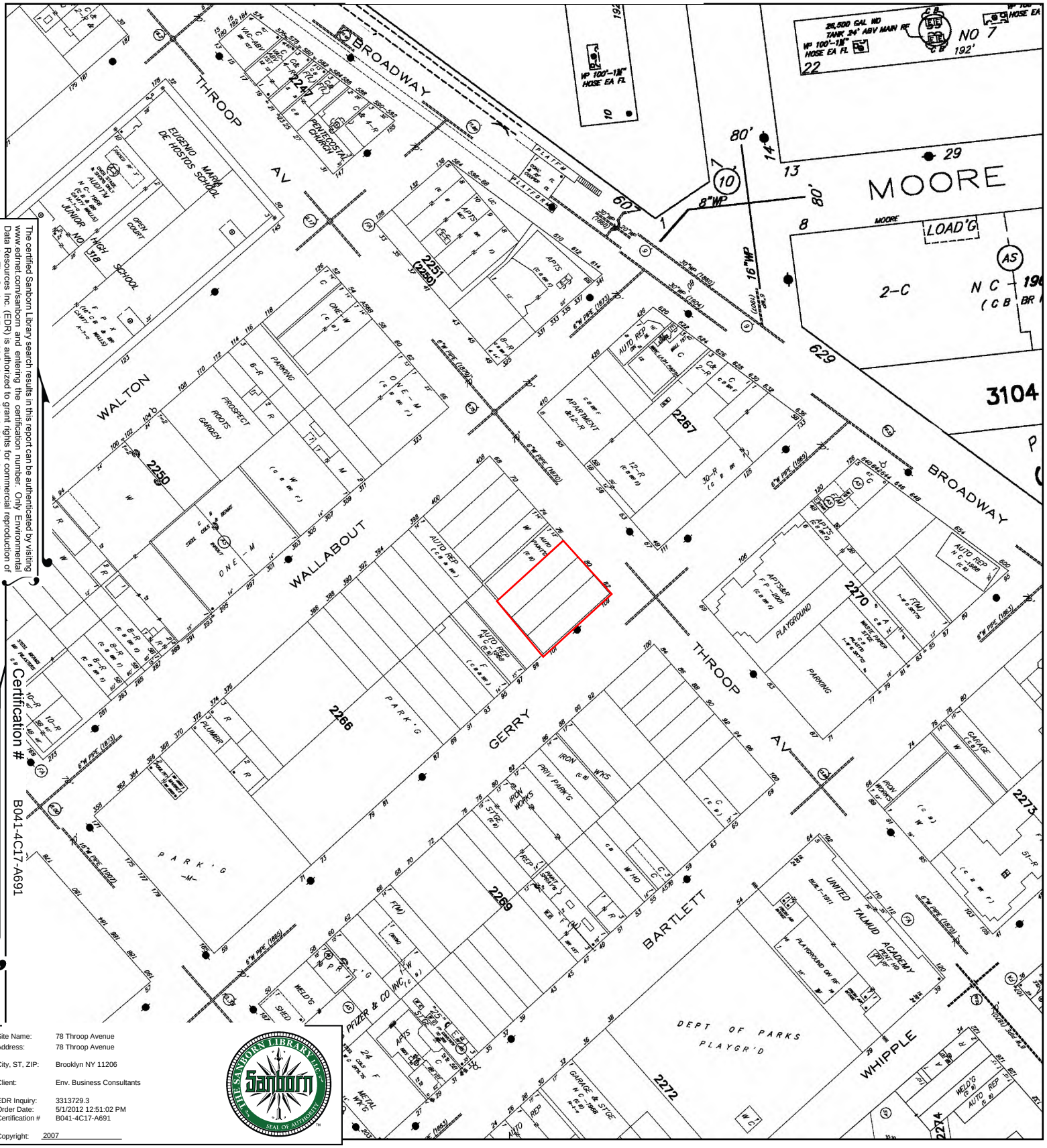

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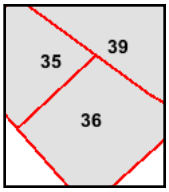

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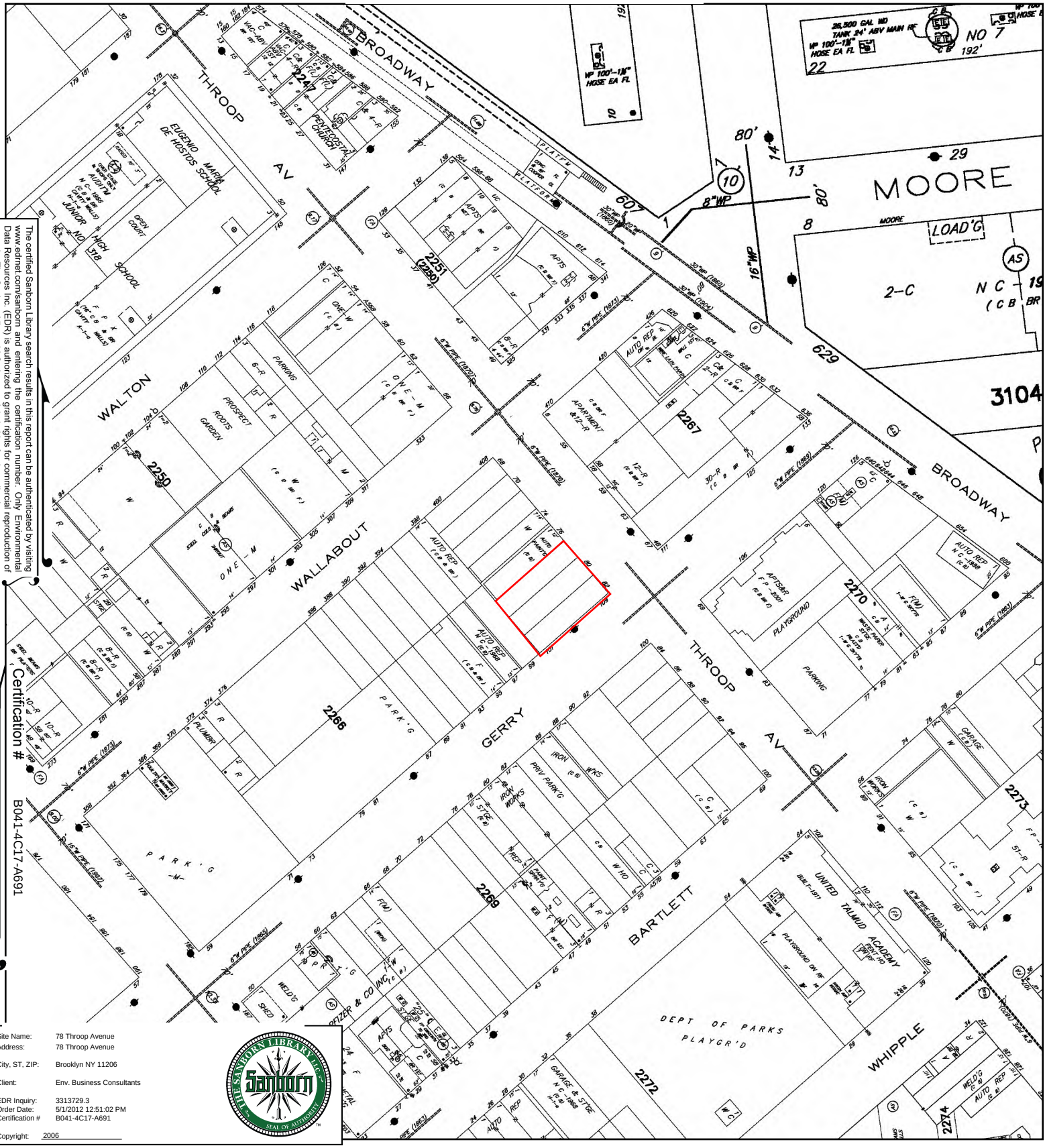

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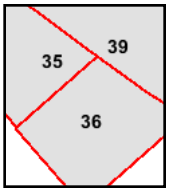

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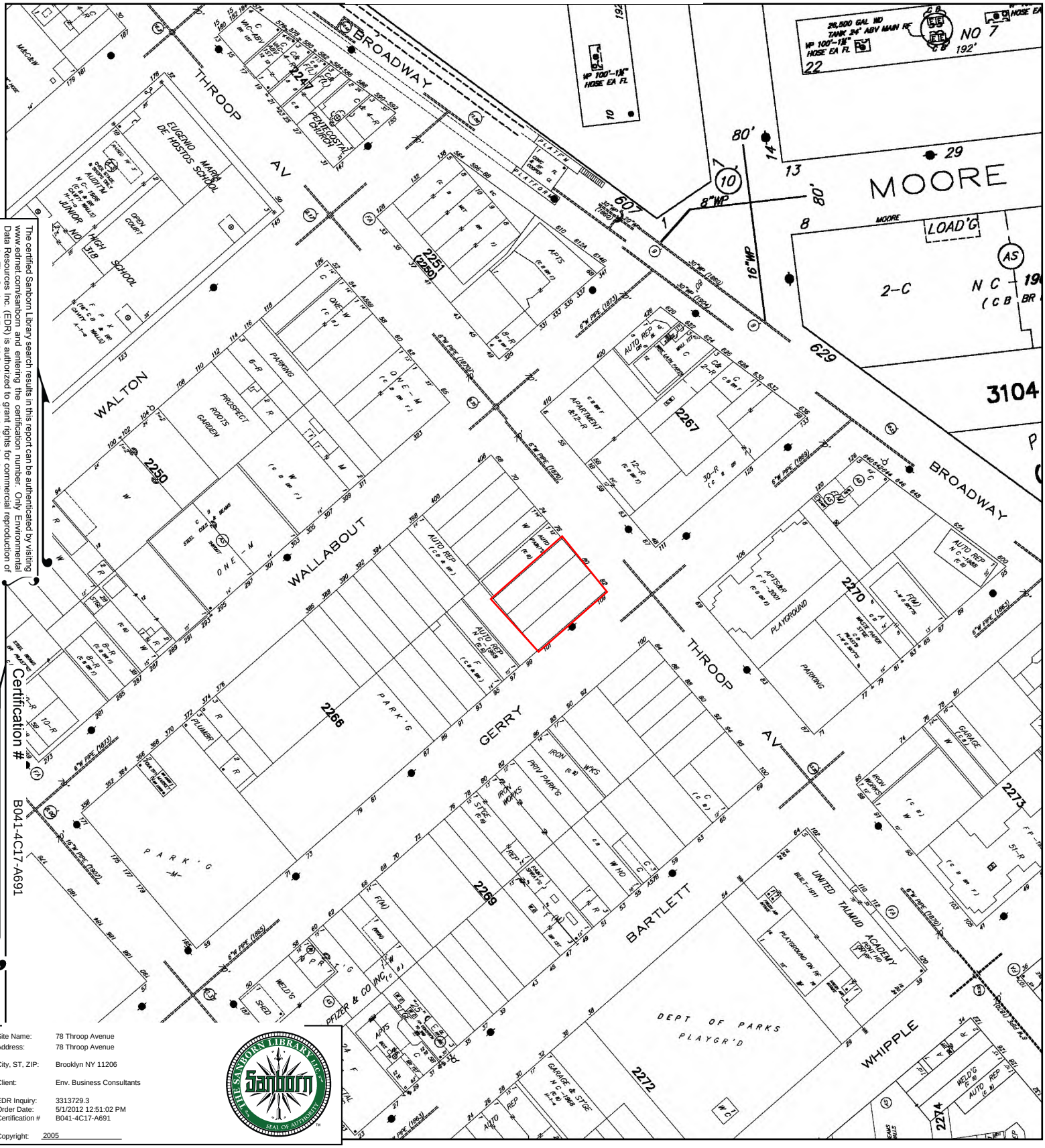

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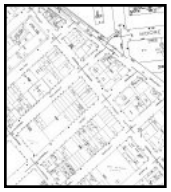

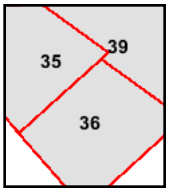

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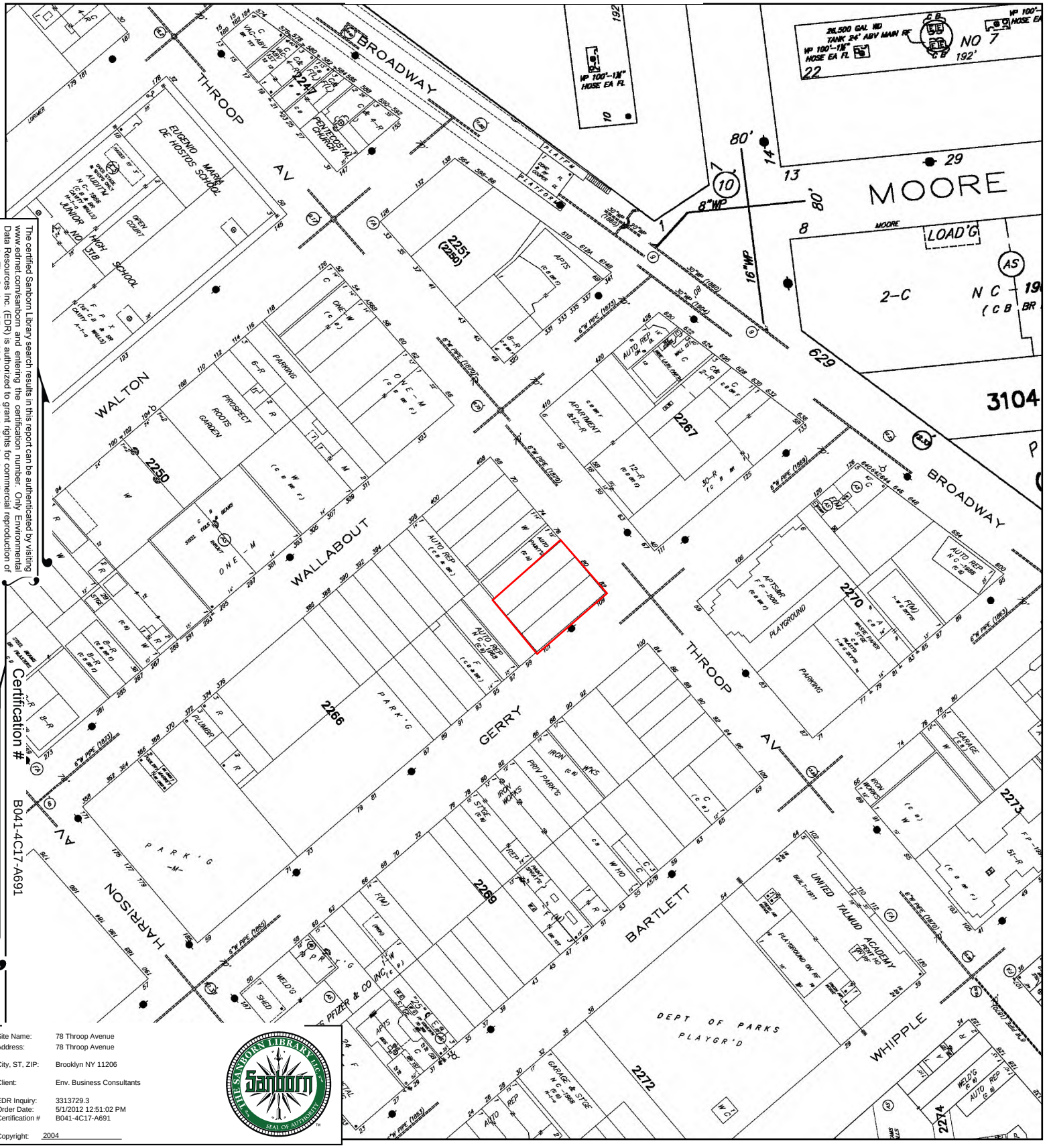

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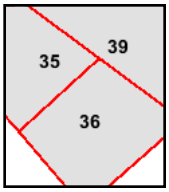

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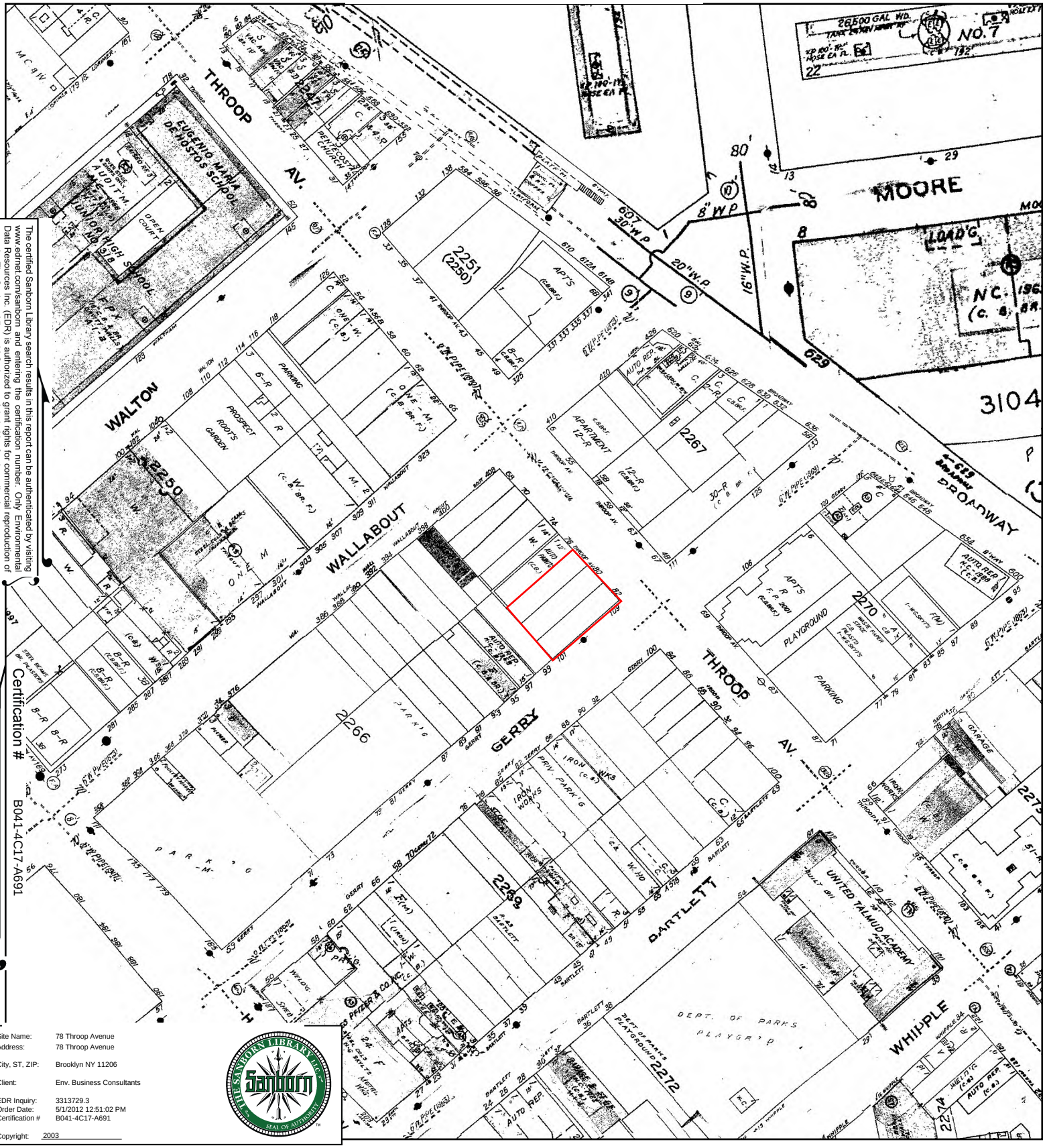

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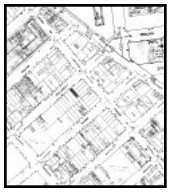

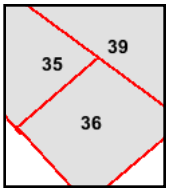

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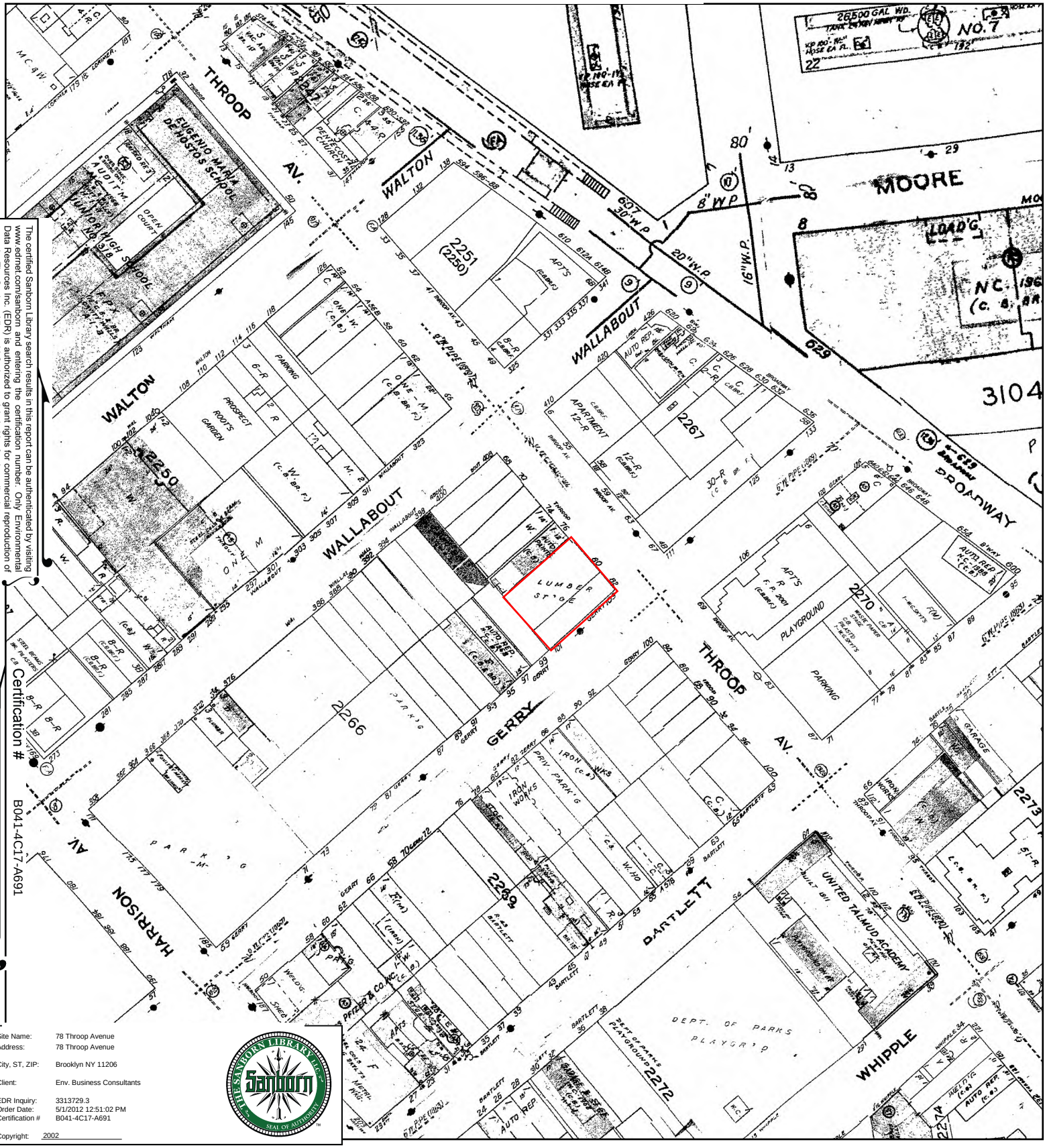

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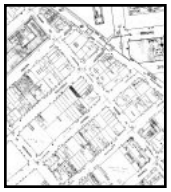

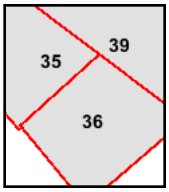

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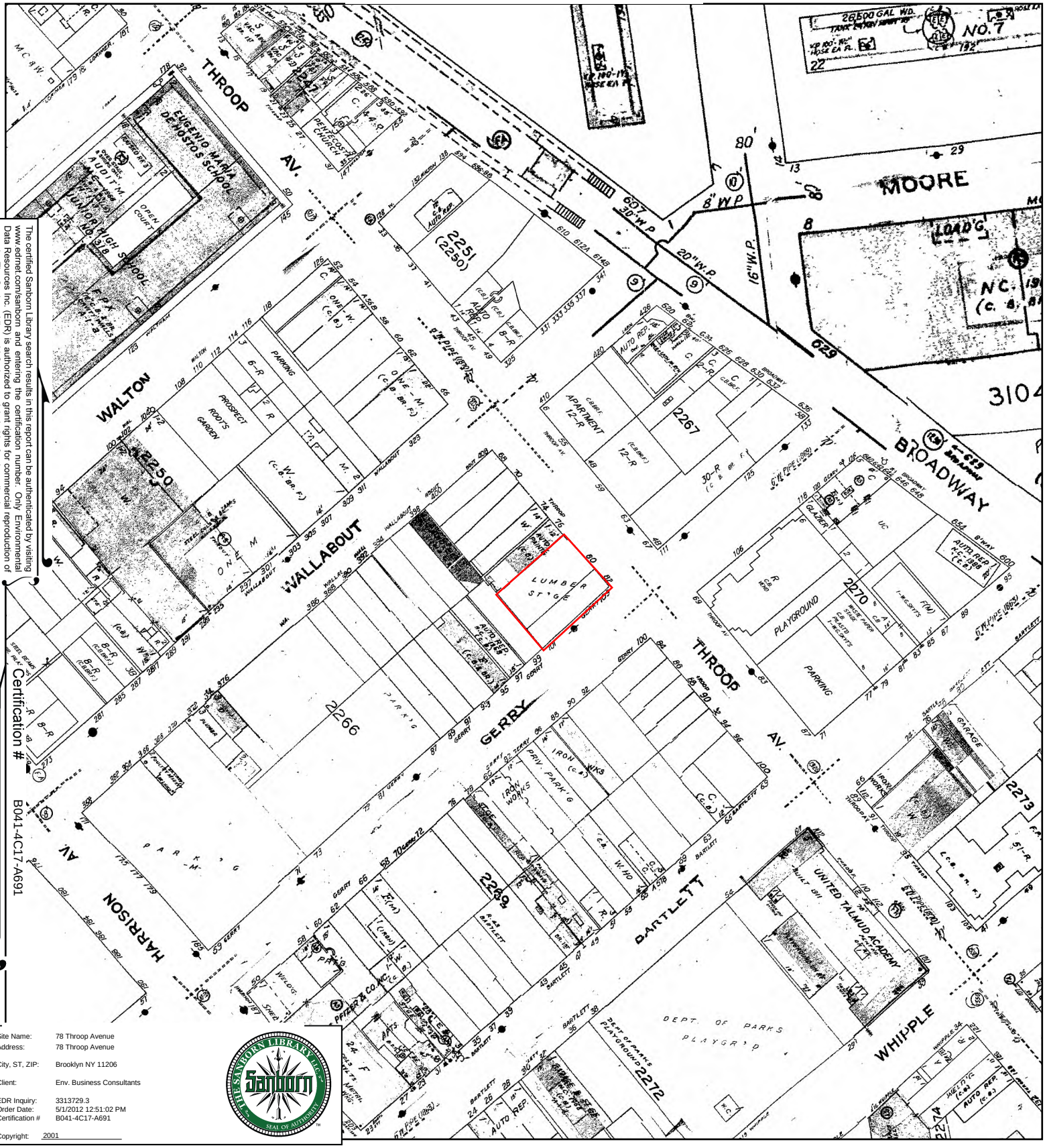

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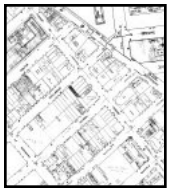

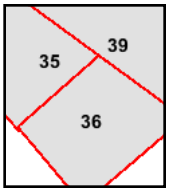

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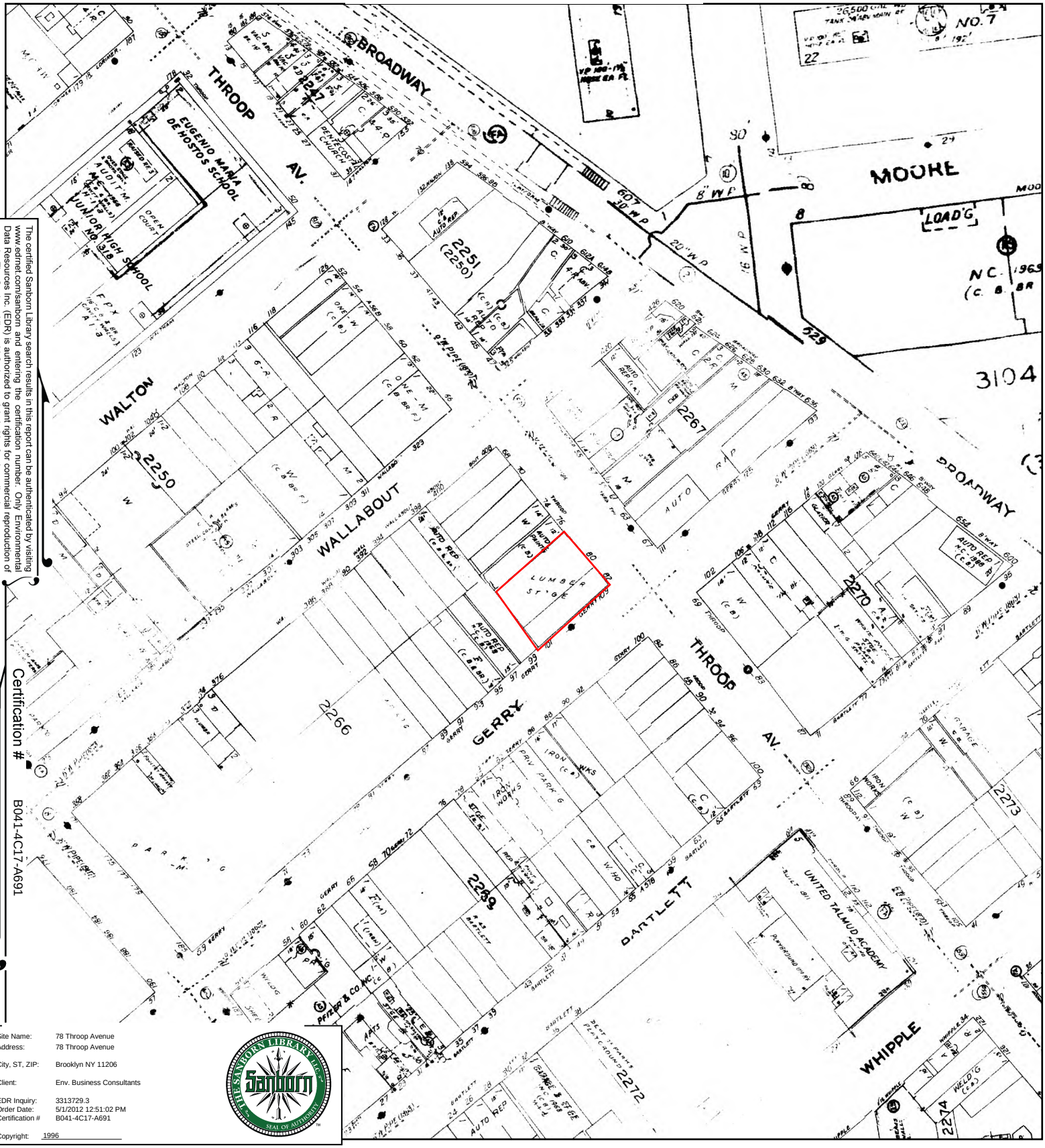
1996 Certified Sanborn Map



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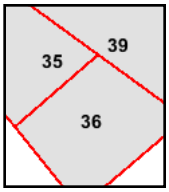

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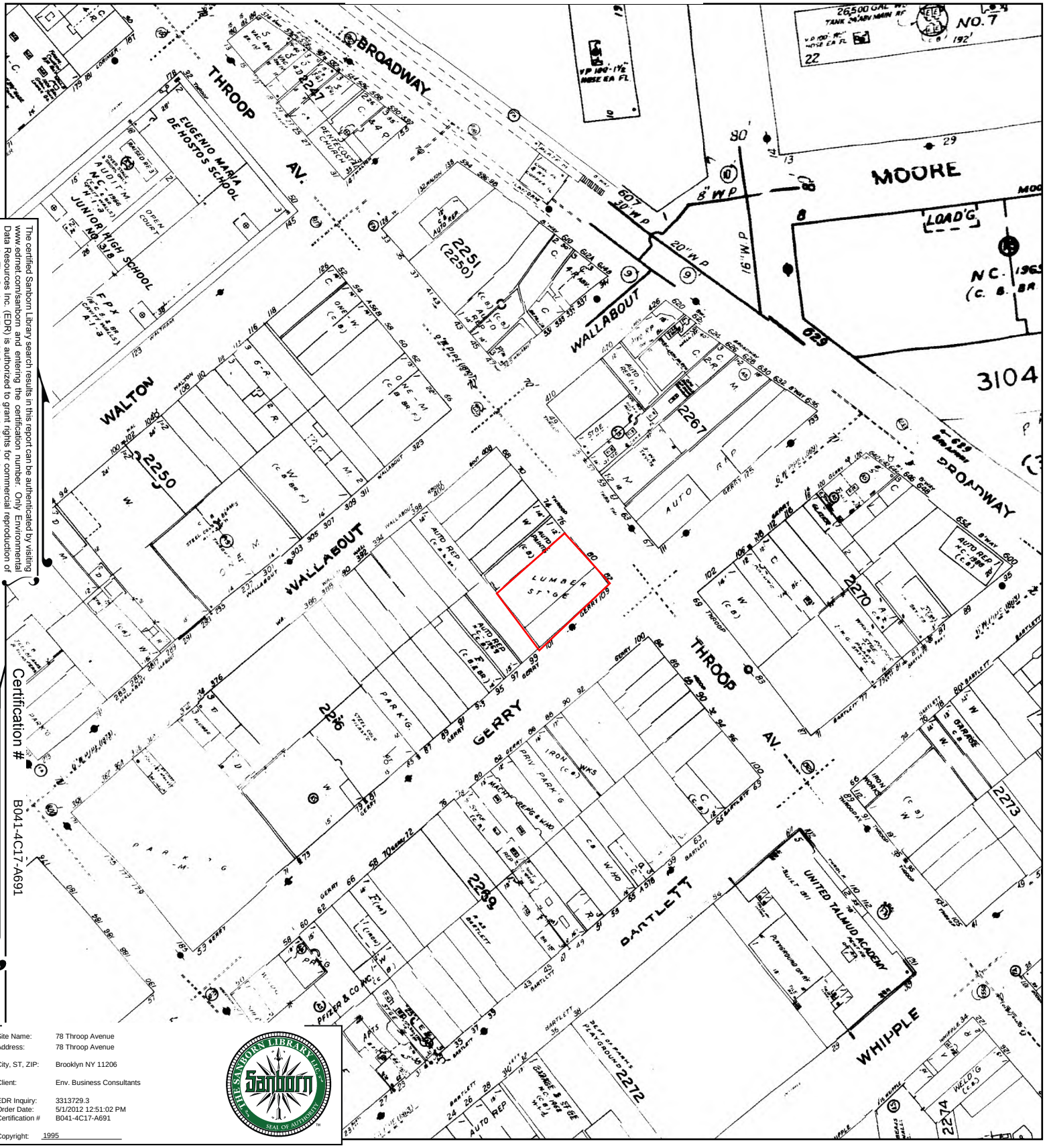

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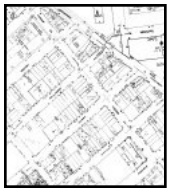

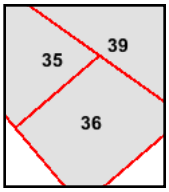

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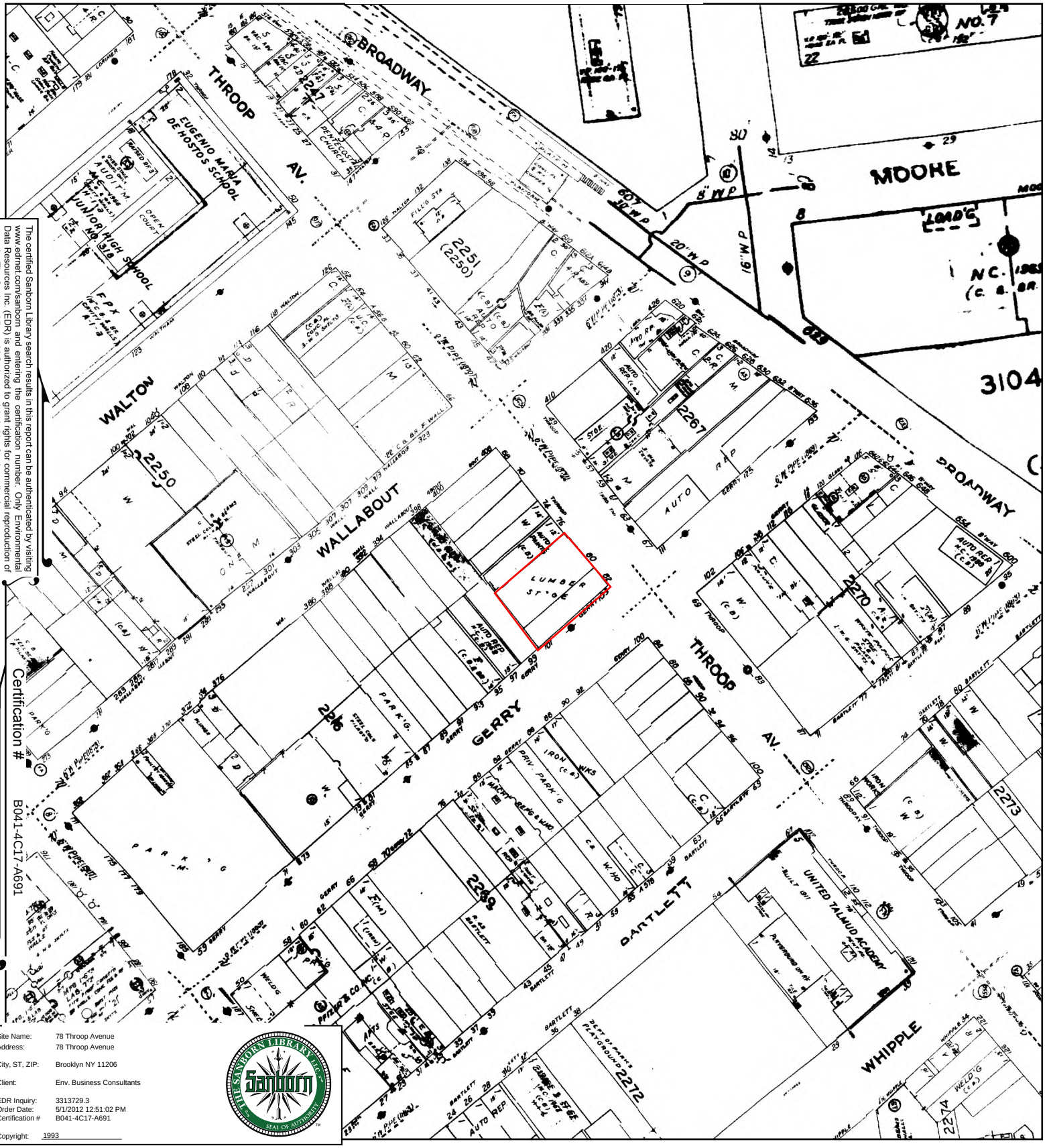

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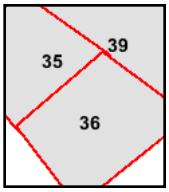

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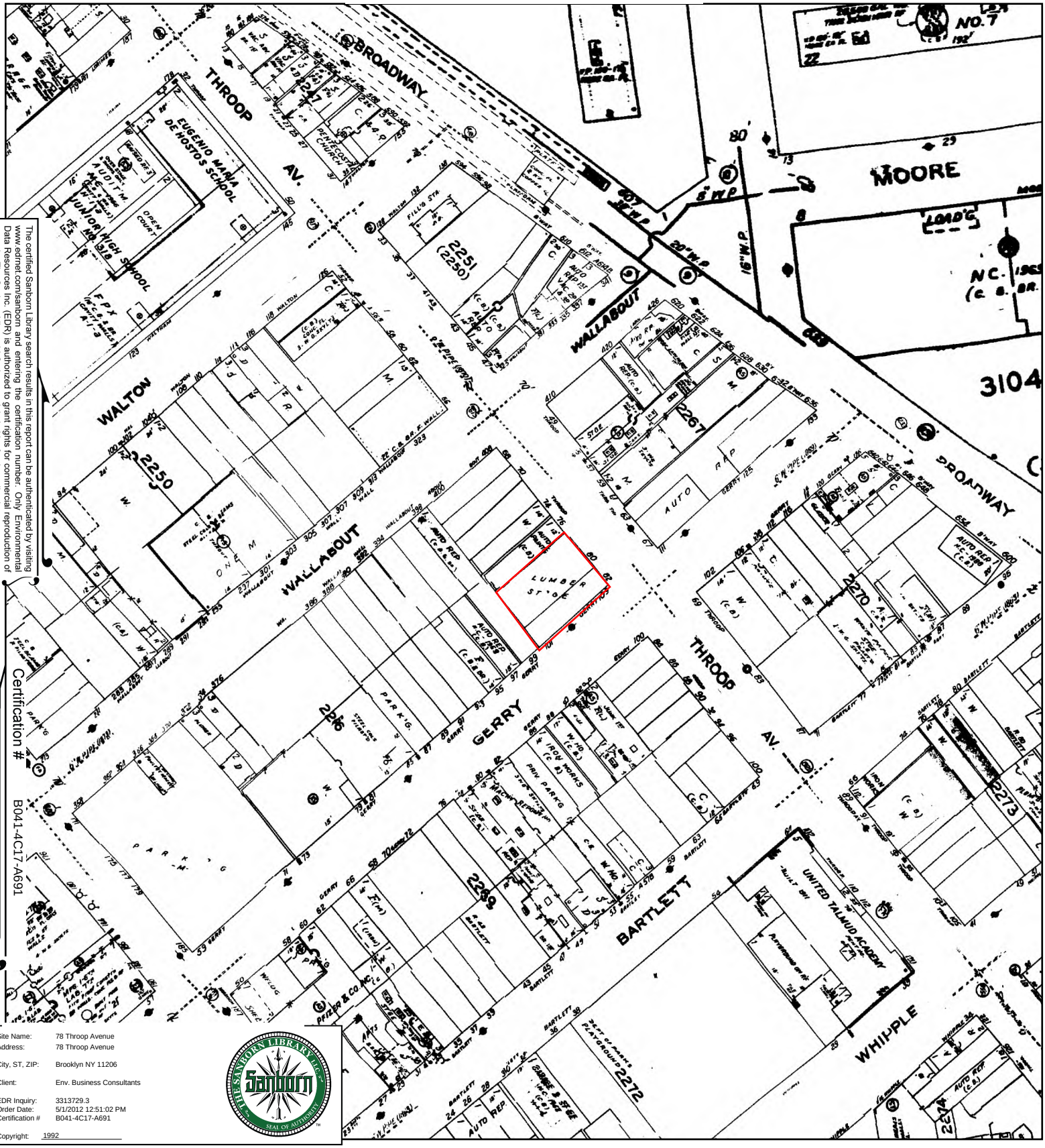

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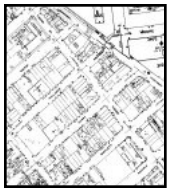

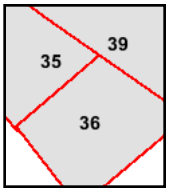

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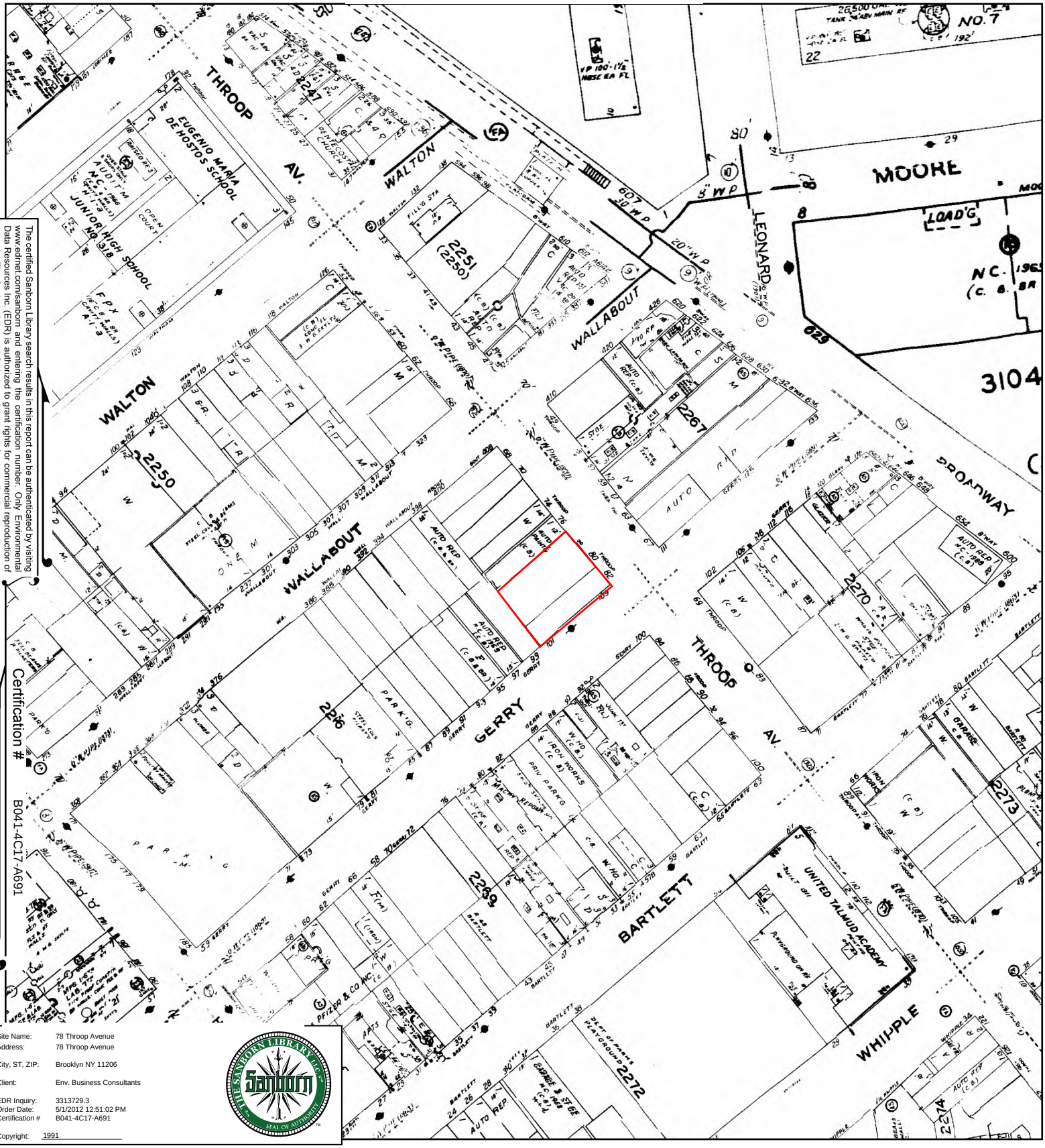

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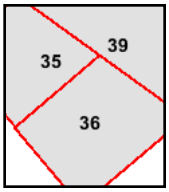

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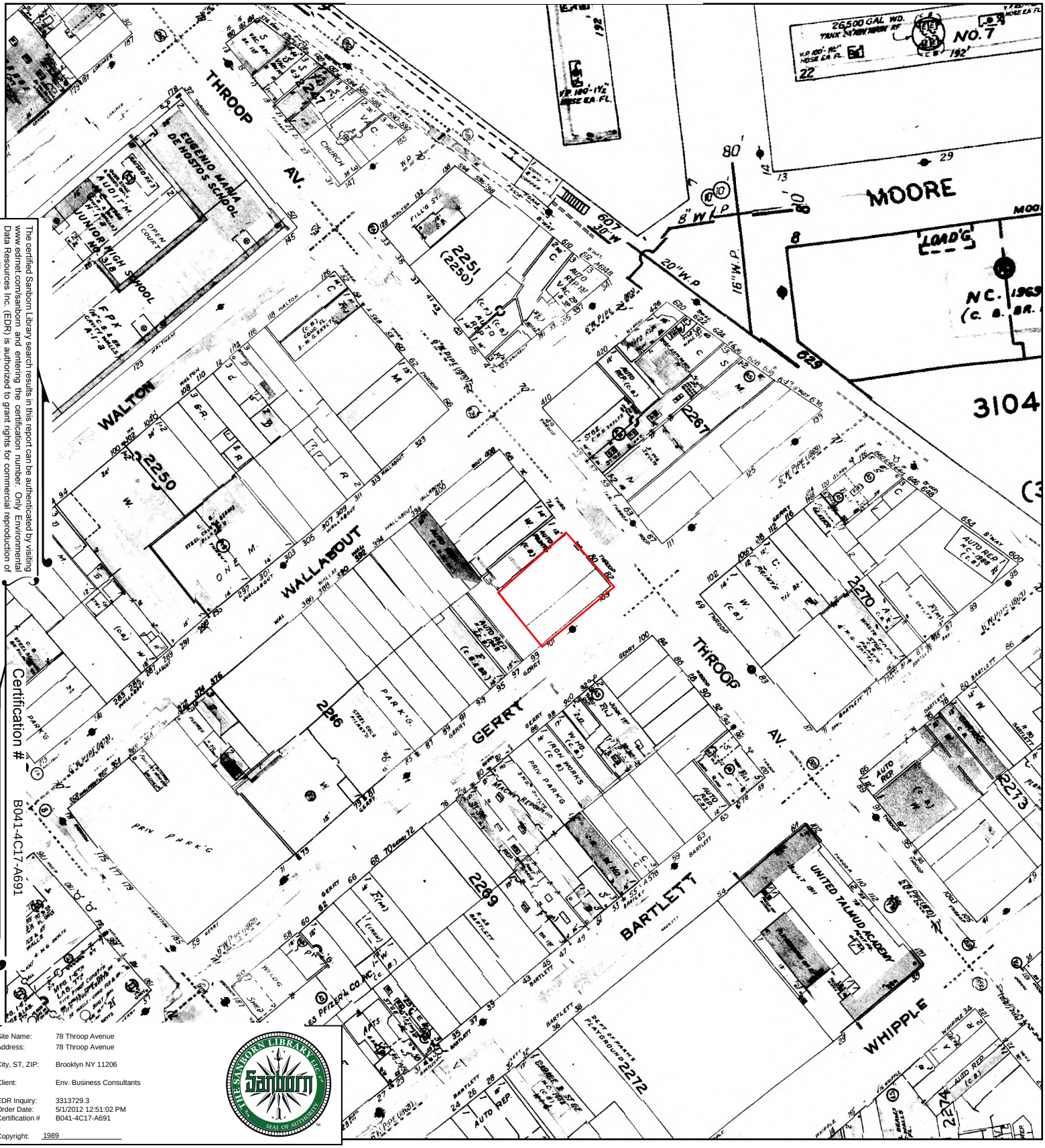
1989 Certified Sanborn Map



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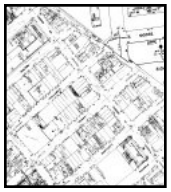

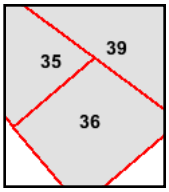

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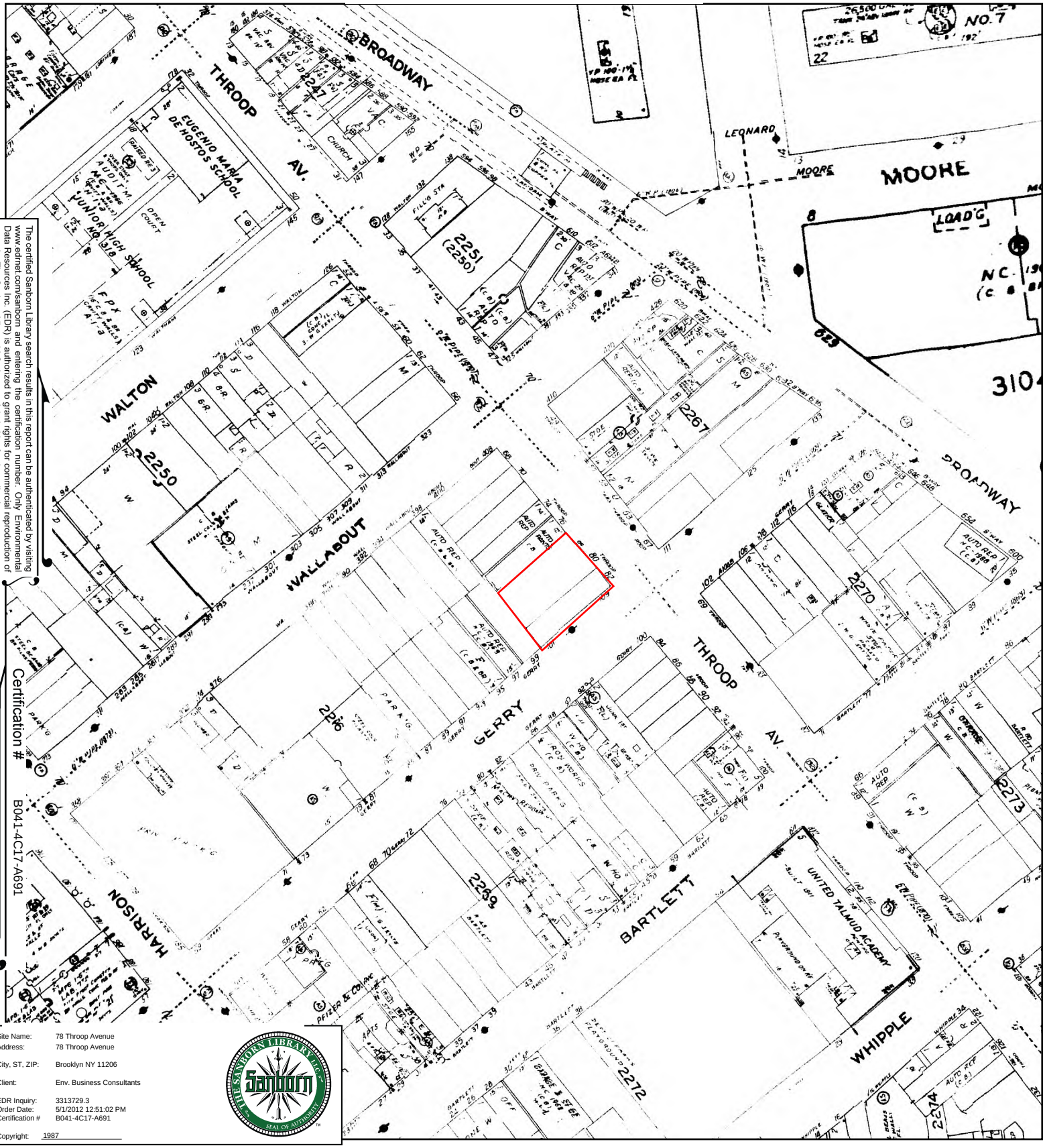
1987 Certified Sanborn Map



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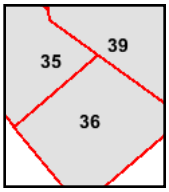

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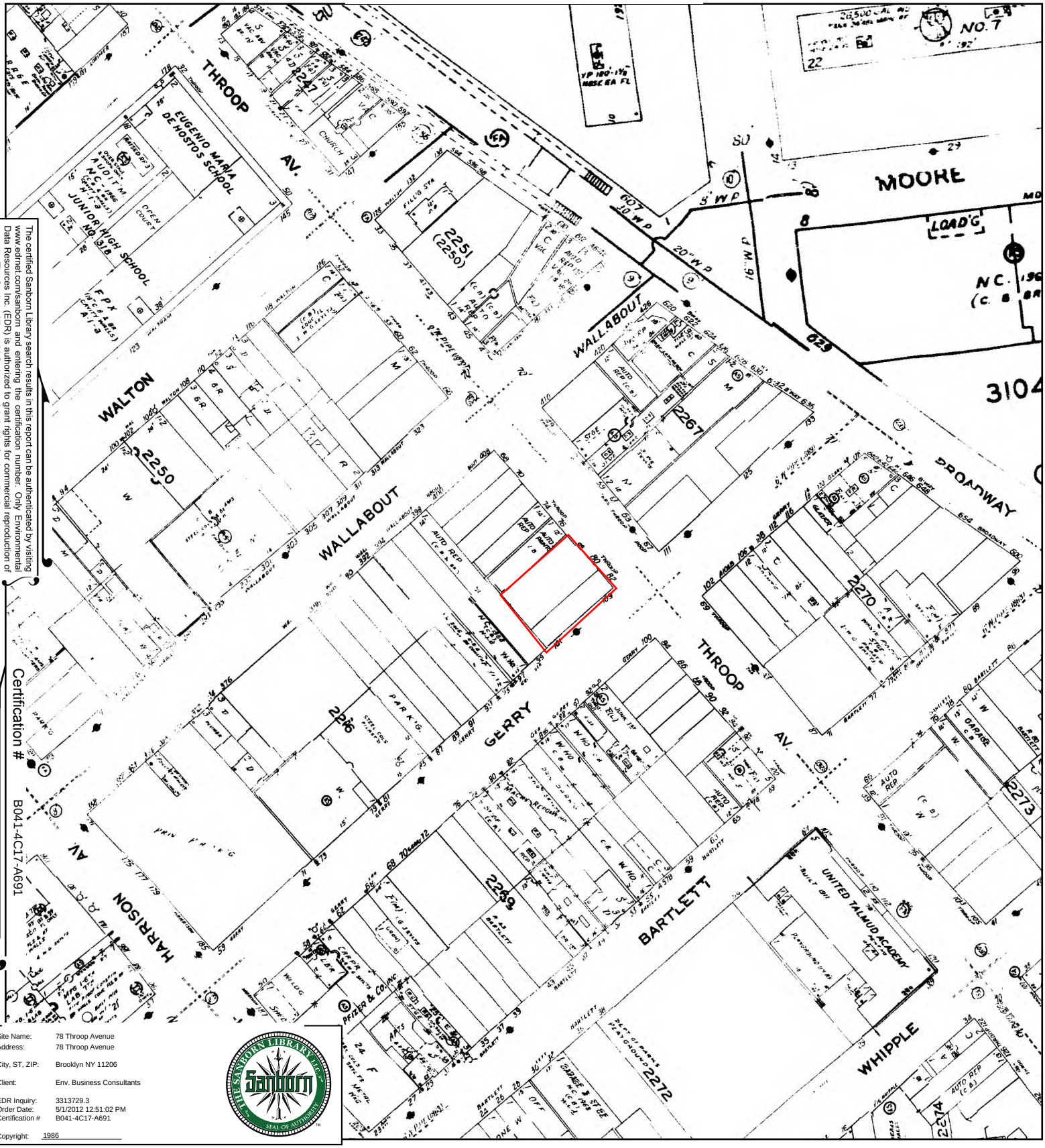

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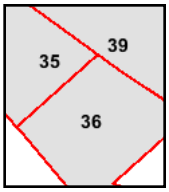

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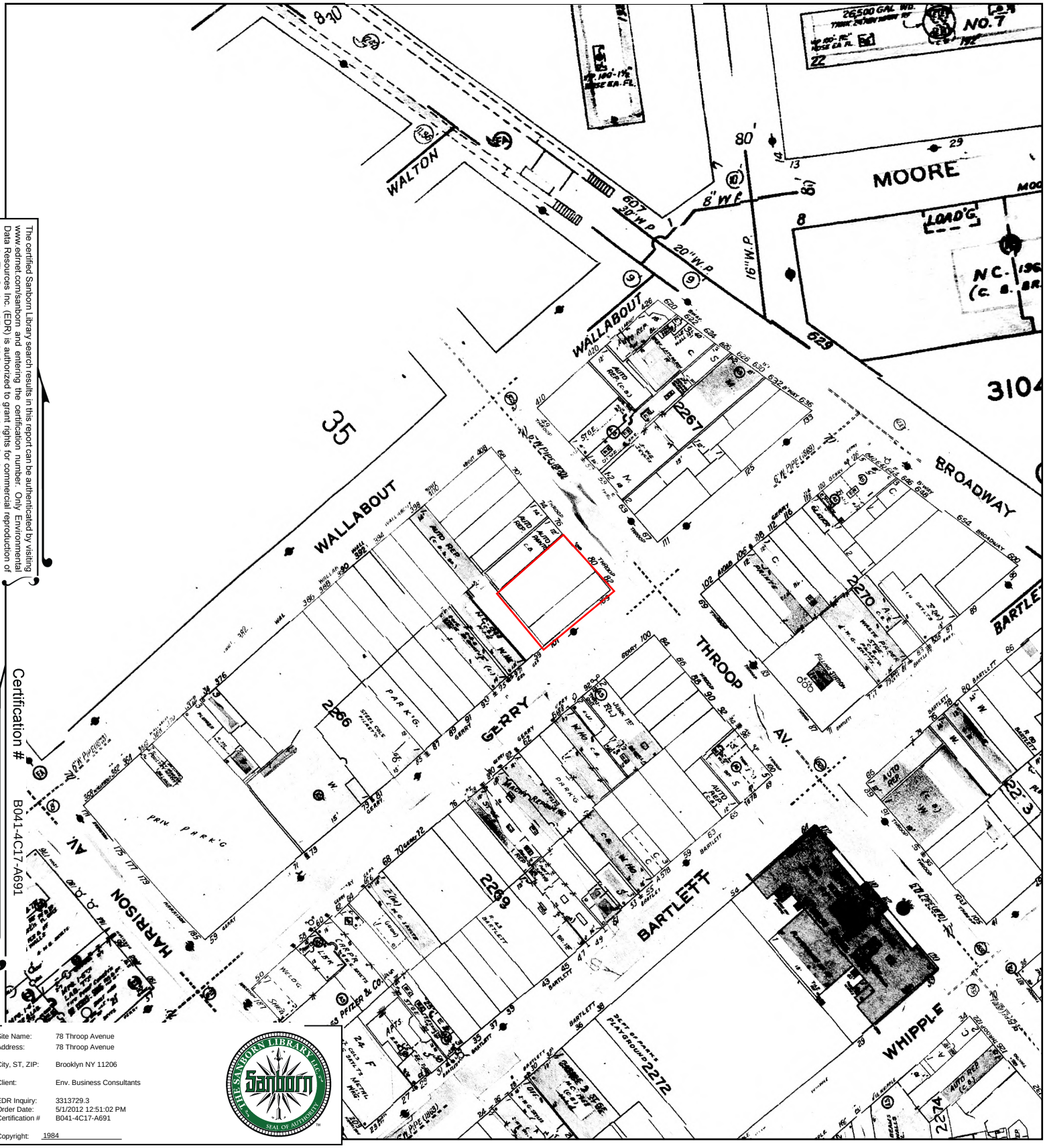

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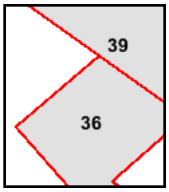

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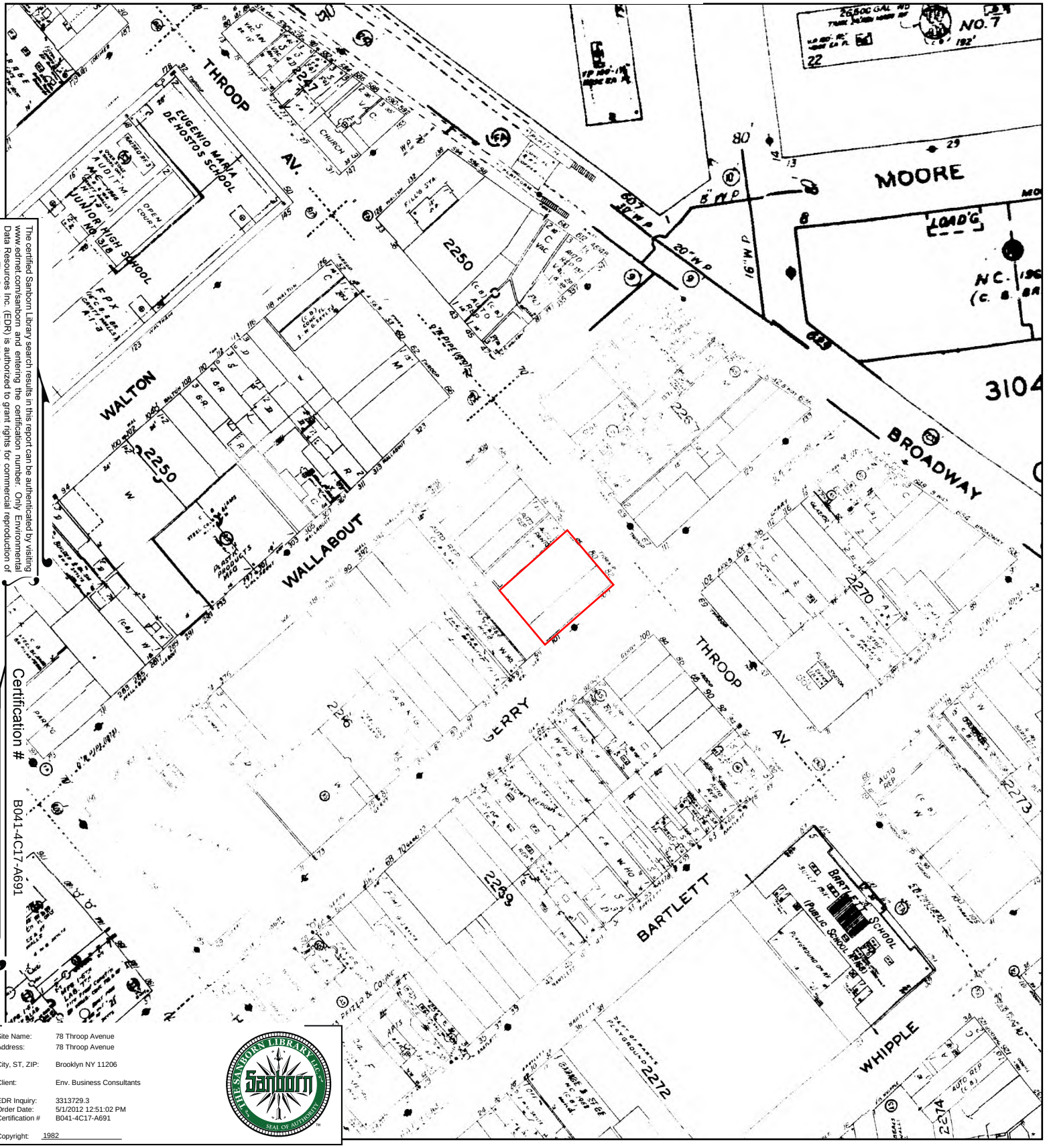

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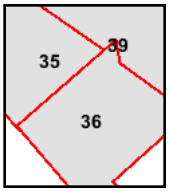

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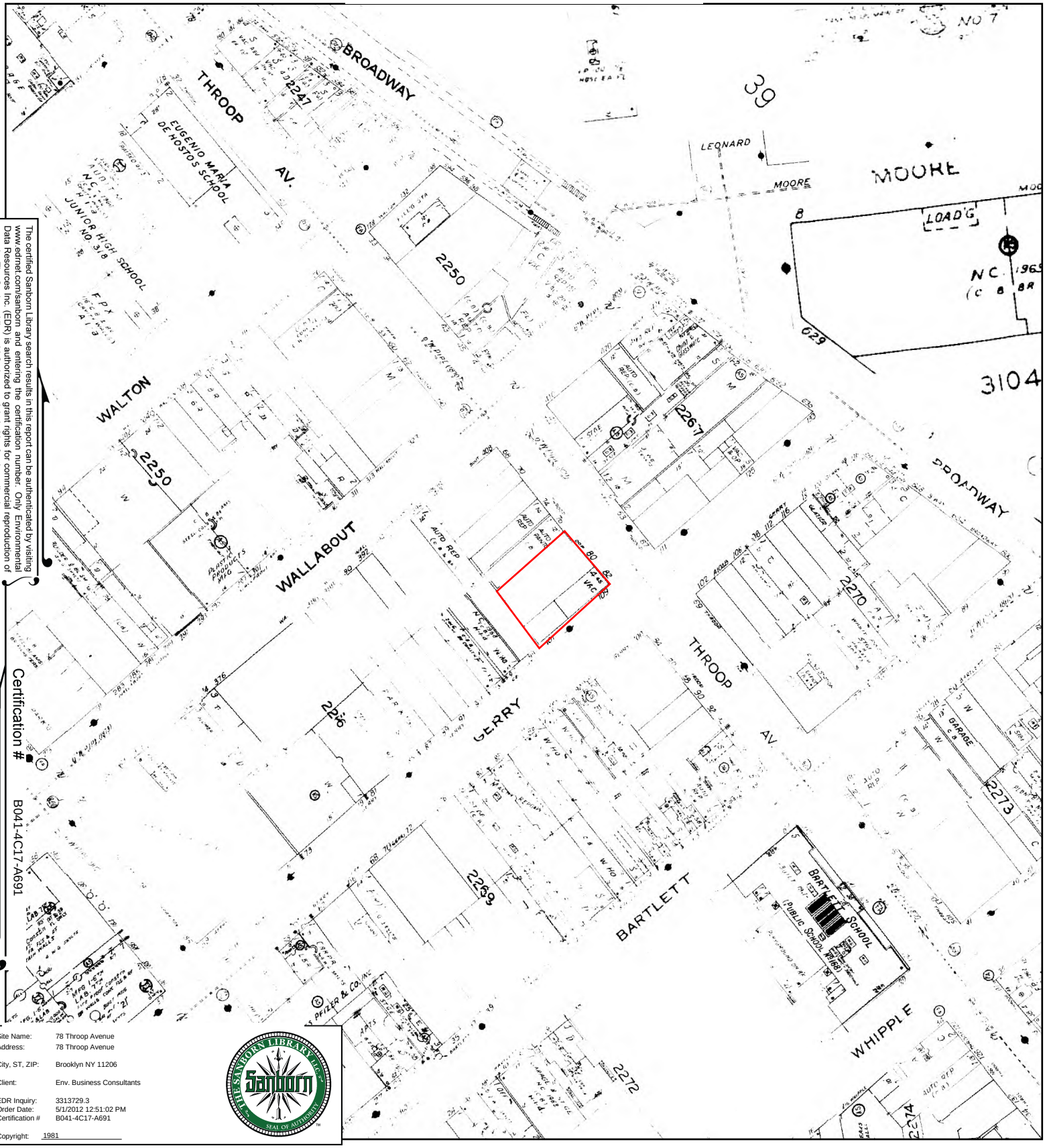

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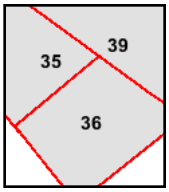

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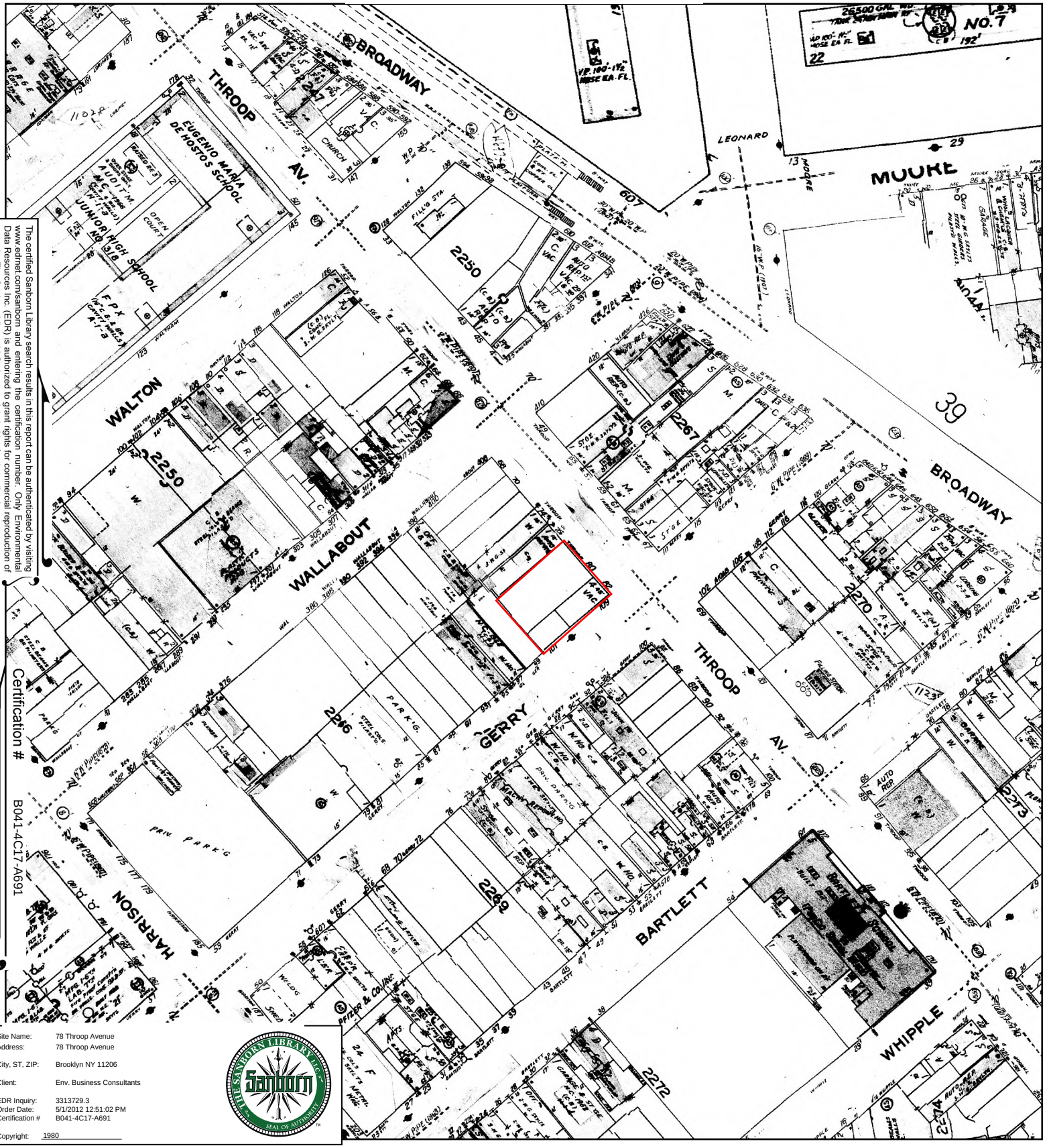
1980 Certified Sanborn Map



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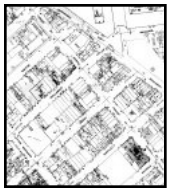

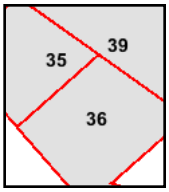

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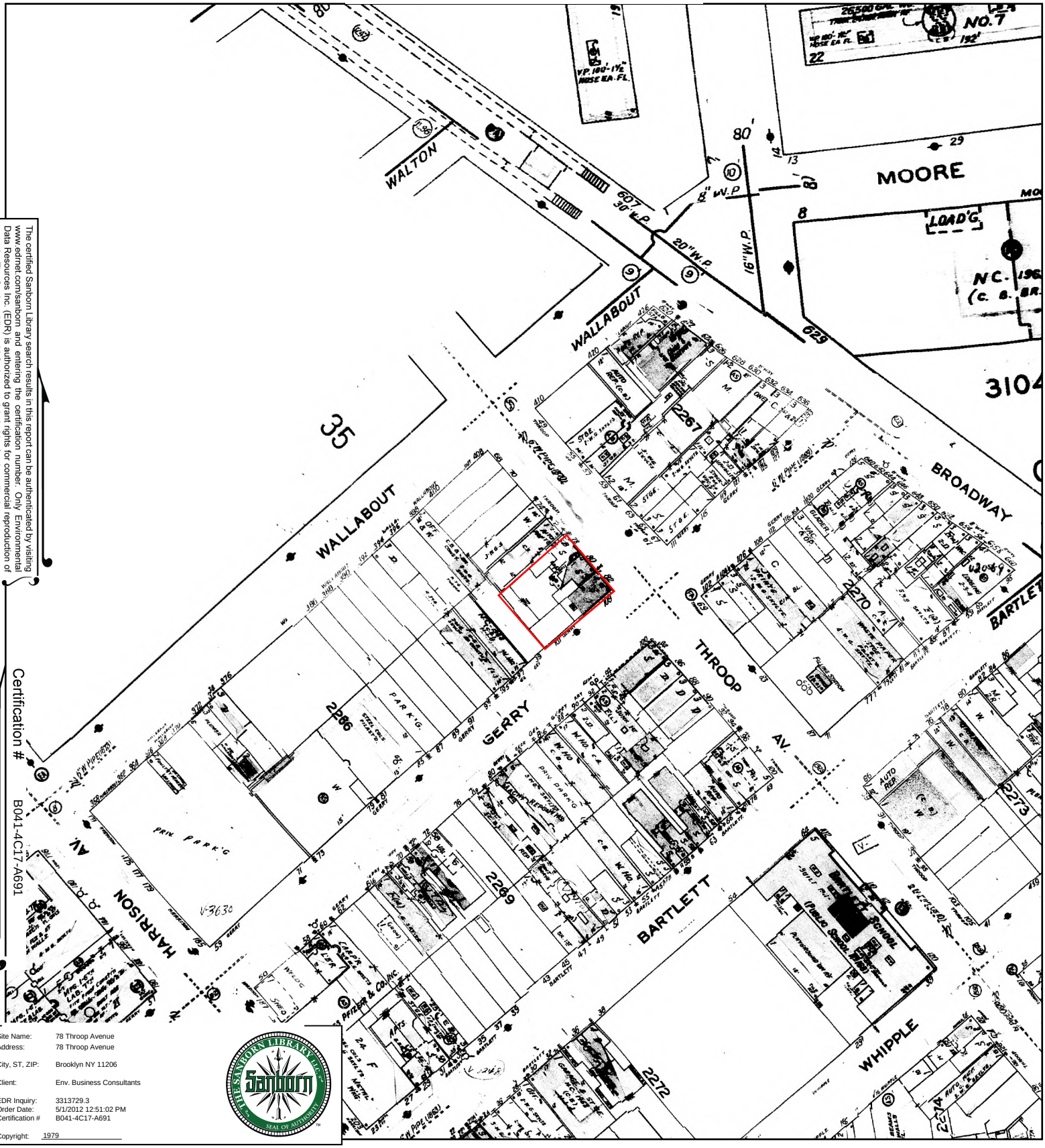
1979 Certified Sanborn Map



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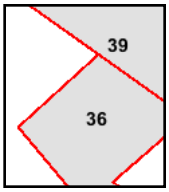

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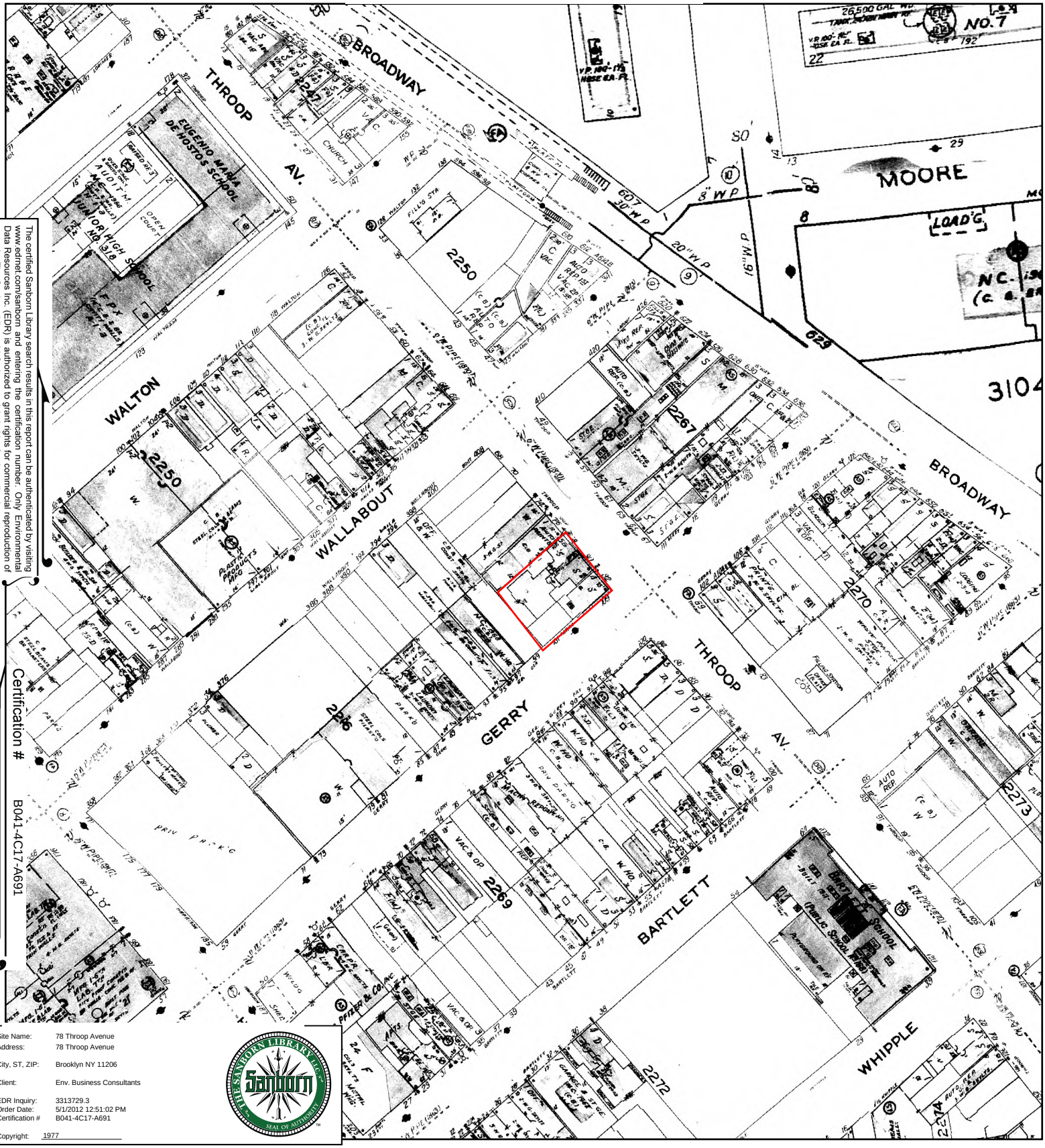
1977 Certified Sanborn Map



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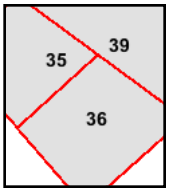

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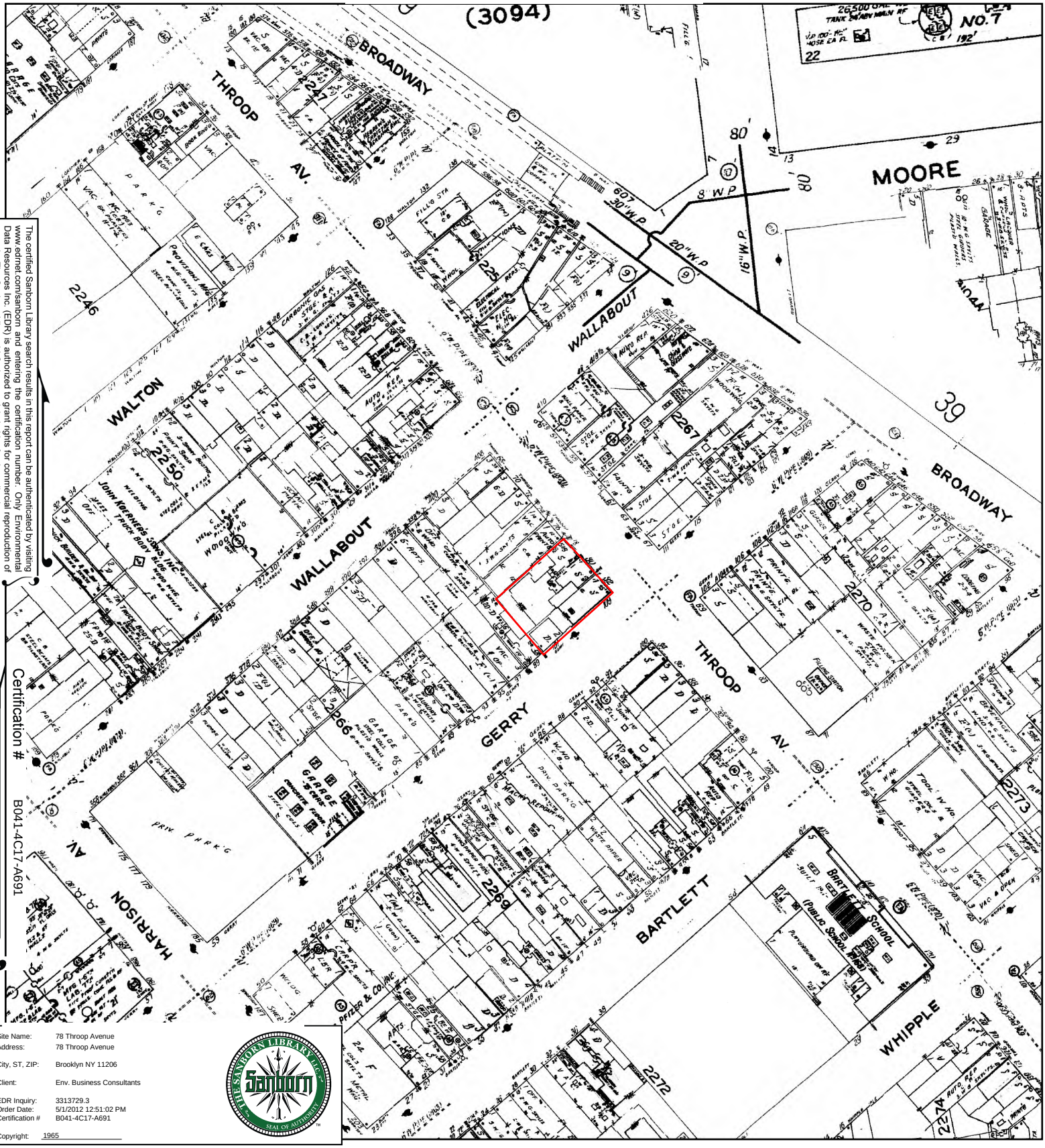
1965 Certified Sanborn Map



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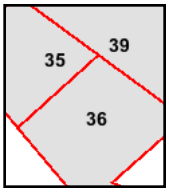

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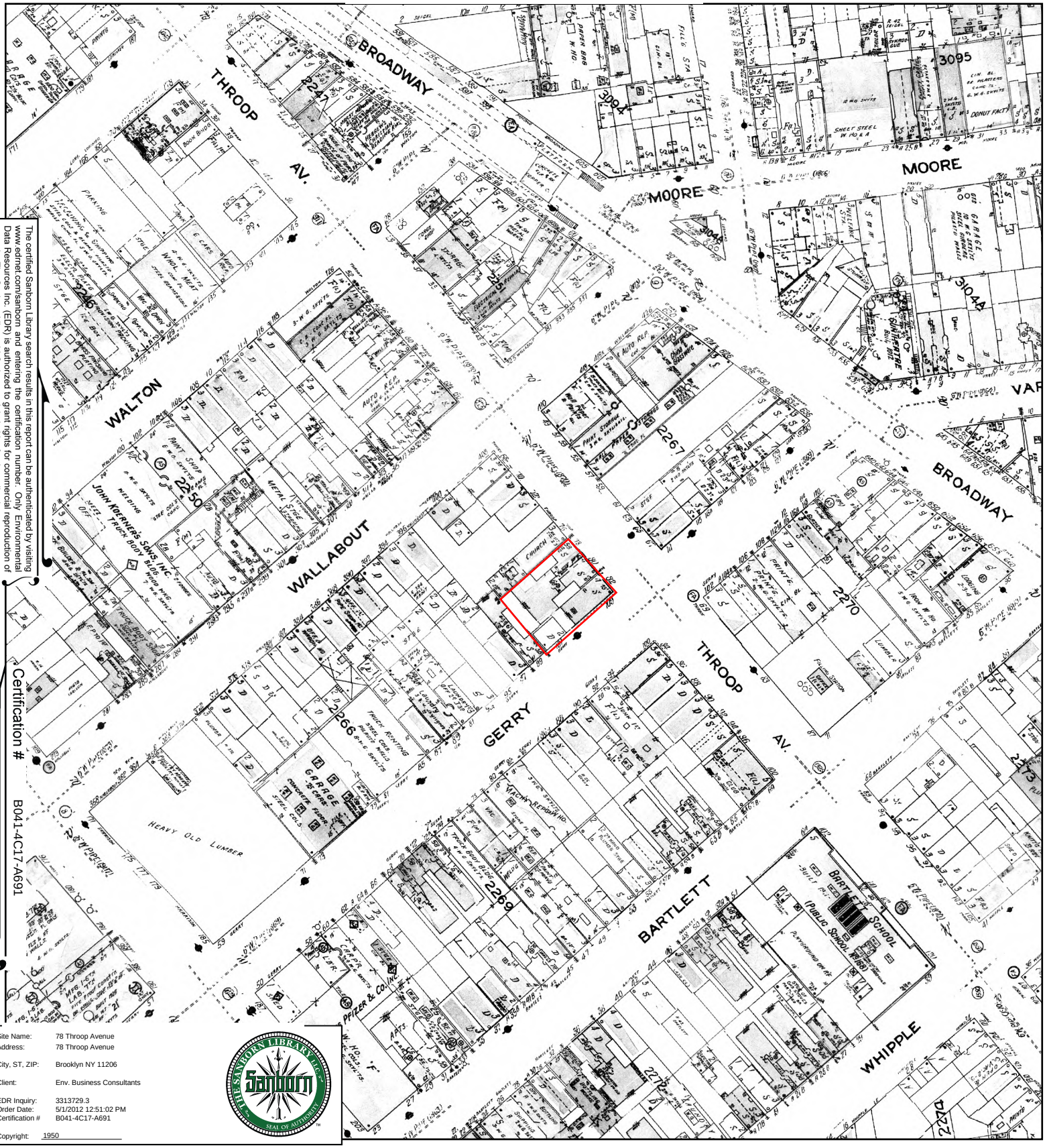
1950 Certified Sanborn Map



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Certification # B041-4C17-A691

Site Name:	78 Throop Avenue
Address:	78 Throop Avenue
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3313729.3
Order Date:	5/1/2012 12:51:02 PM
Certification #	B041-4C17-A691
Copyright:	1950

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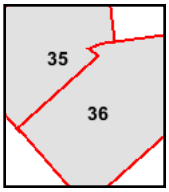

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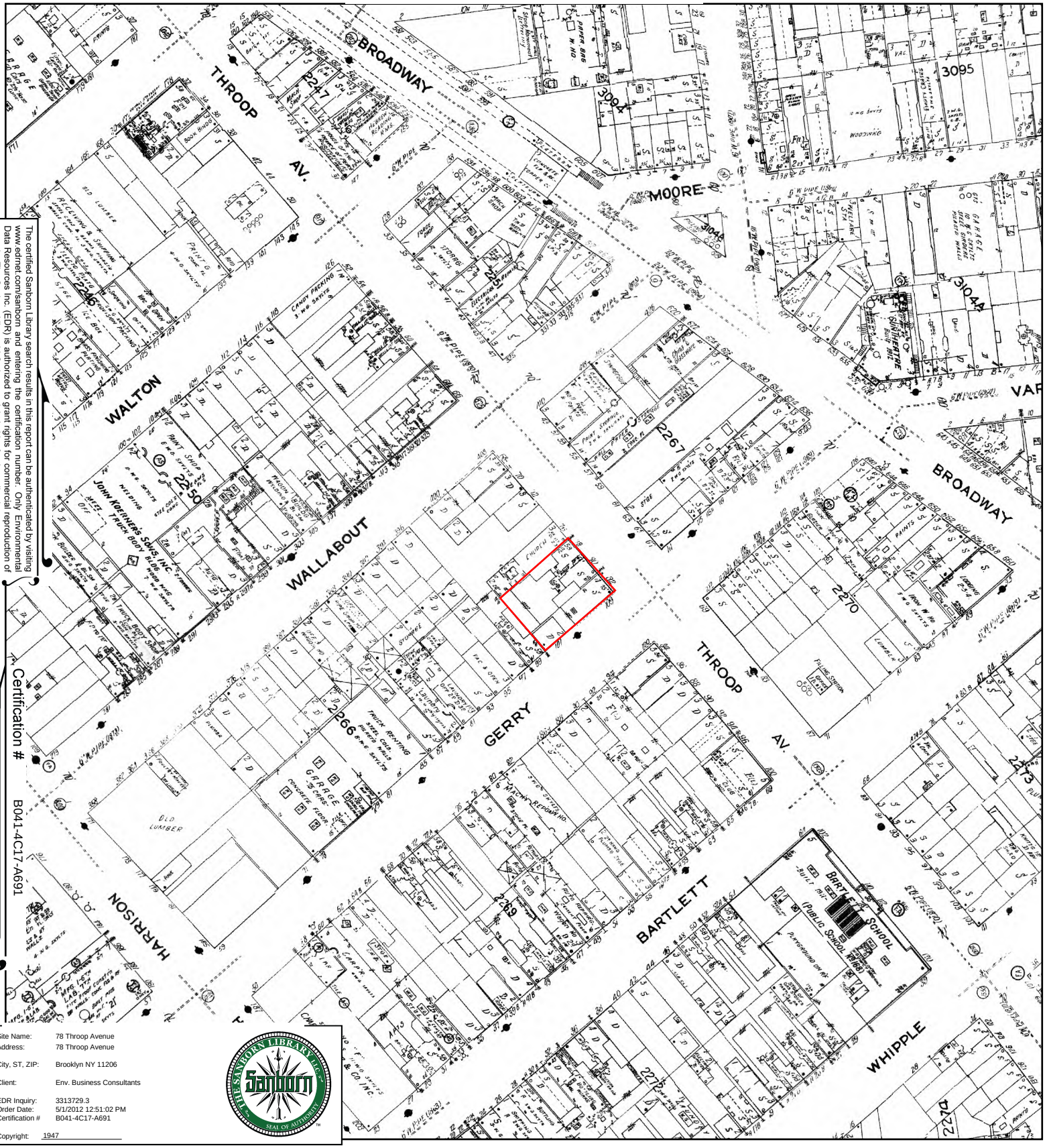
N

1947 Certified Sanborn Map



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EDR Inquiry:	3313729.3
Order Date:	5/1/2012 12:51:02 PM
Certification #	B041-4C17-A691
Copyright:	1947

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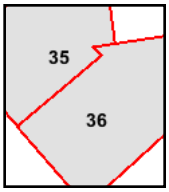

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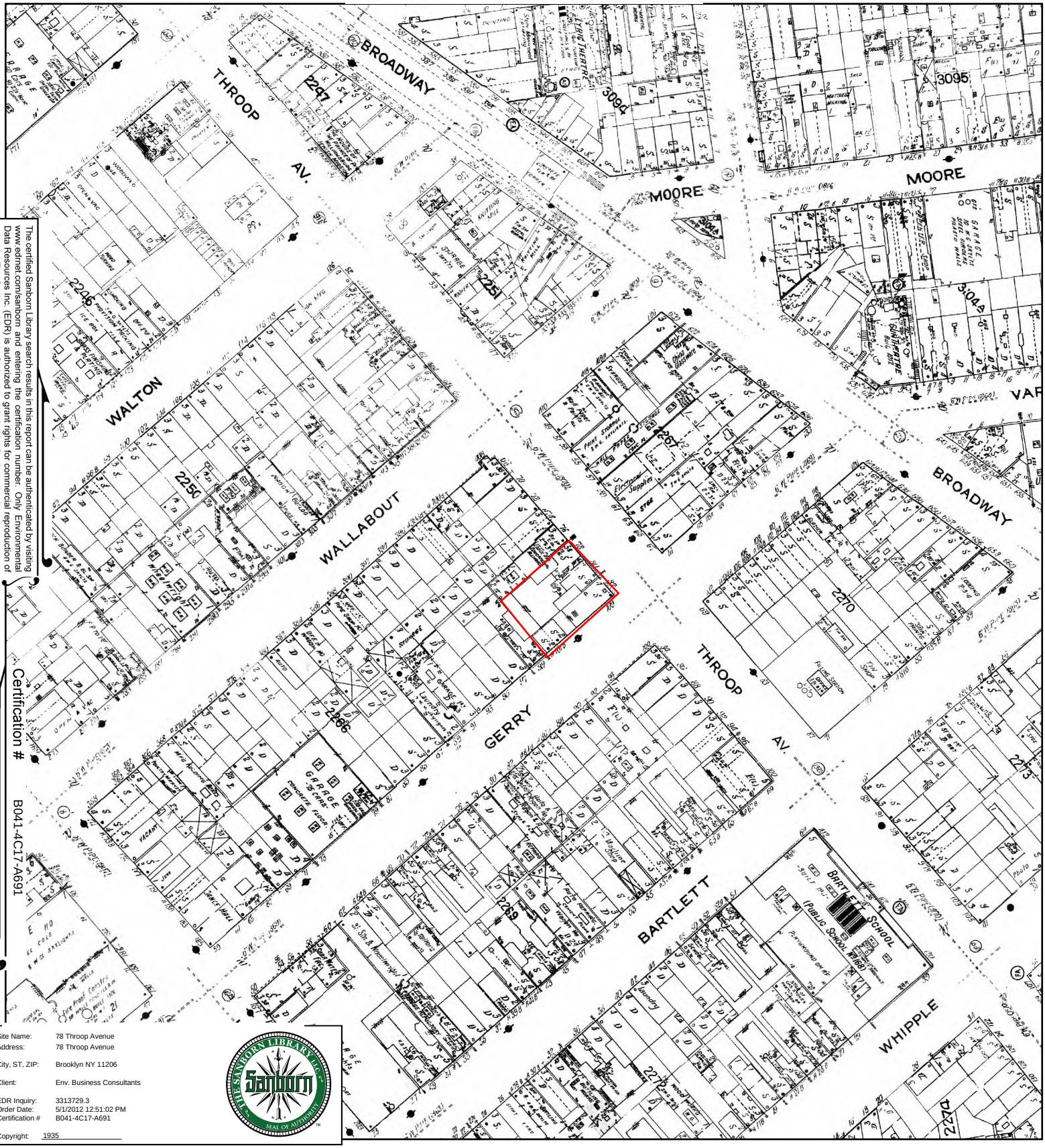
N

1935 Certified Sanborn Map



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Certification # B041-4C17-A691

Site Name:	78 Throop Avenue
Address:	78 Throop Avenue
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3313729.3
Order Date:	5/1/2012 12:51:02 PM
Certification #	B041-4C17-A691
Copyright:	1935

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

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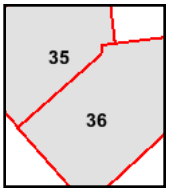

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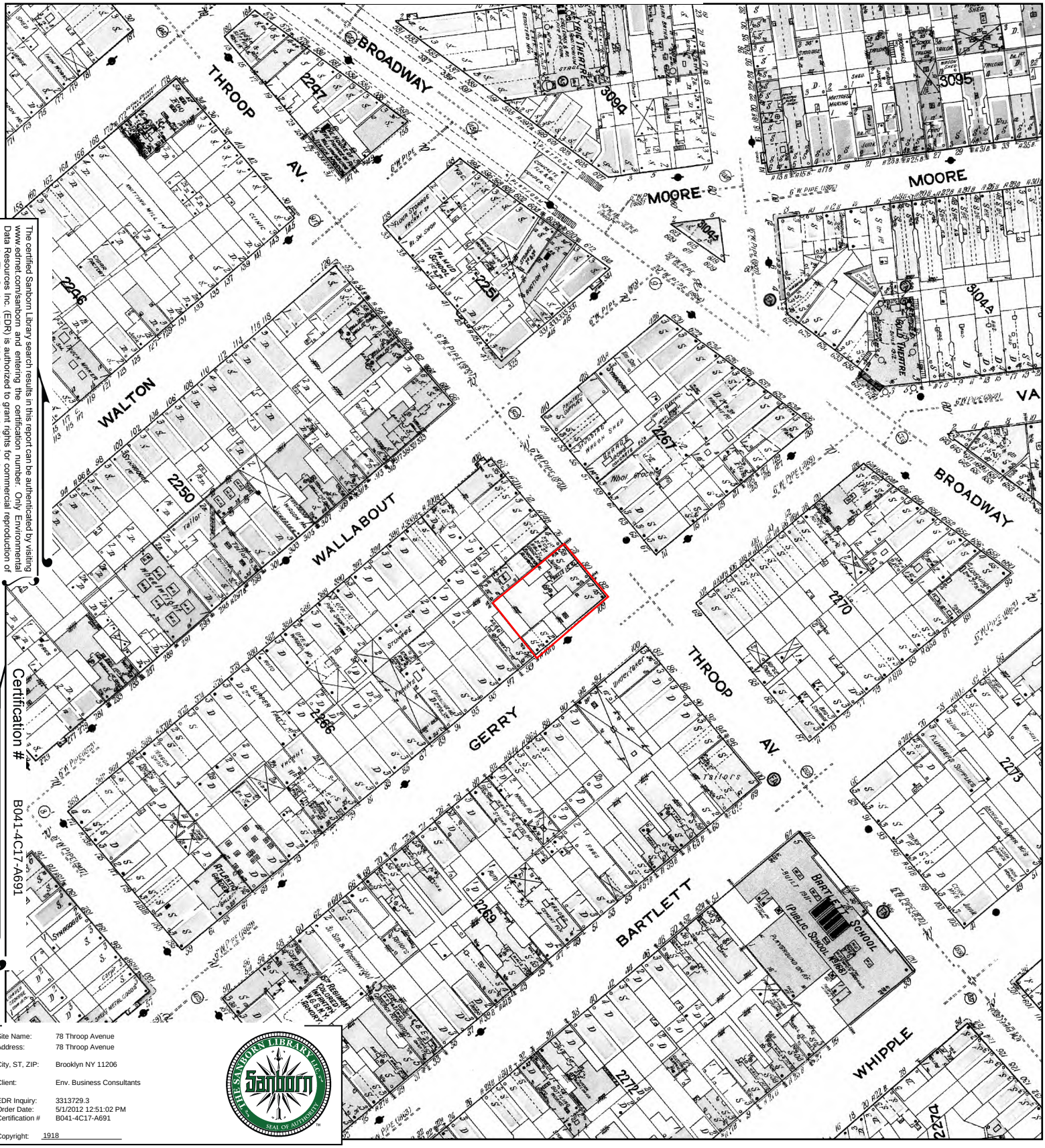
1918 Certified Sanborn Map



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Site Name:	78 Throop Avenue
Address:	78 Throop Avenue
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3313729.3
Order Date:	5/1/2012 12:51:02 PM
Certification #	B041-4C17-A691
Copyright:	1918

This Certified Sanborn Map combines the following sheets.
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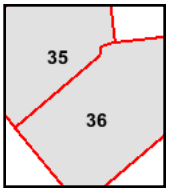

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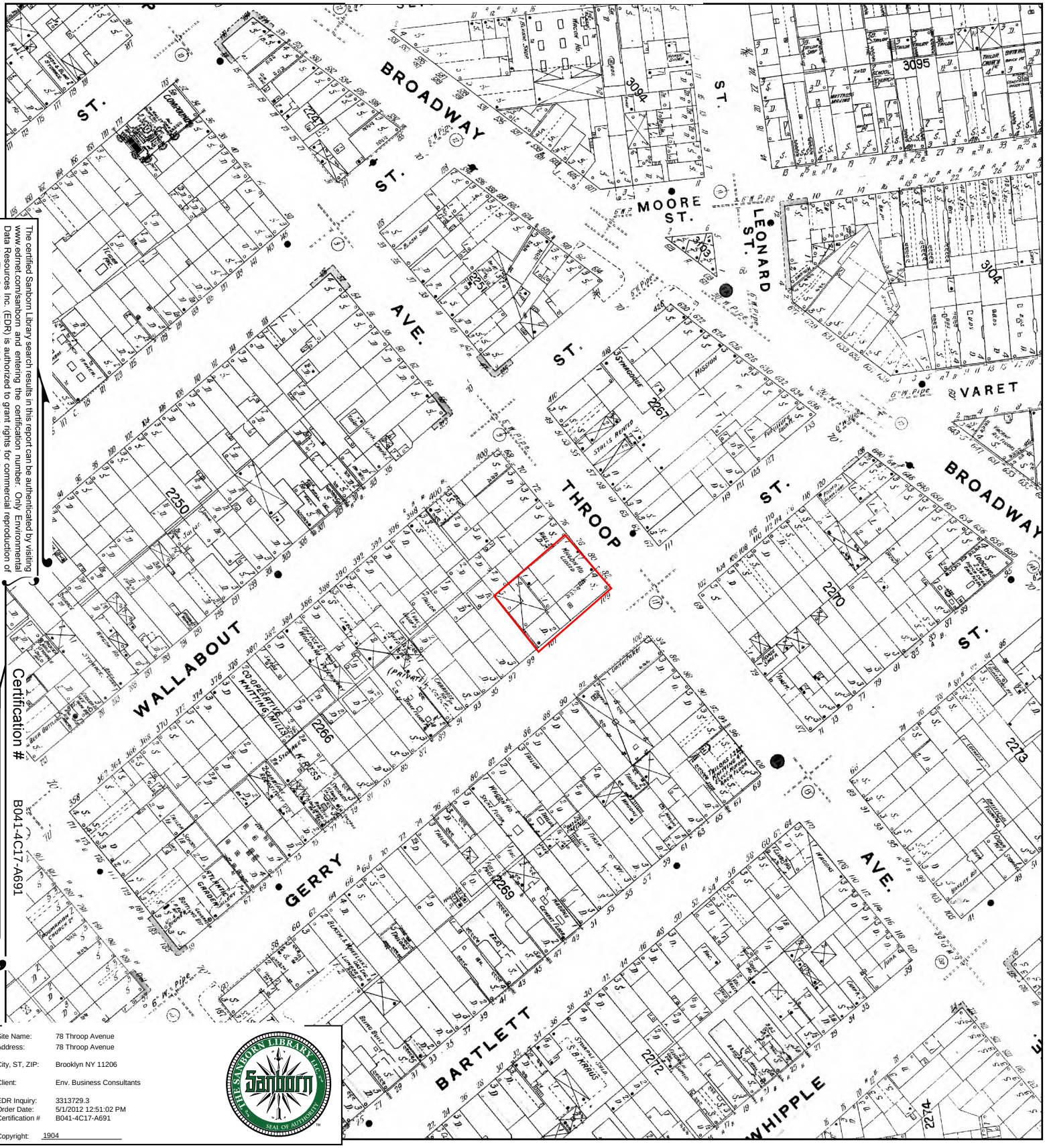
1904 Certified Sanborn Map



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Certification # B041-4C17-A691

Site Name:	78 Throop Avenue
Address:	78 Throop Avenue
City, ST, ZIP:	Brooklyn NY 11206
Client:	Env. Business Consultants
EDR Inquiry:	3313729.3
Order Date:	5/1/2012 12:51:02 PM
Certification #	B041-4C17-A691
Copyright:	1904

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

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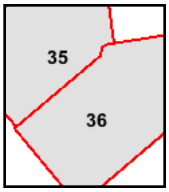

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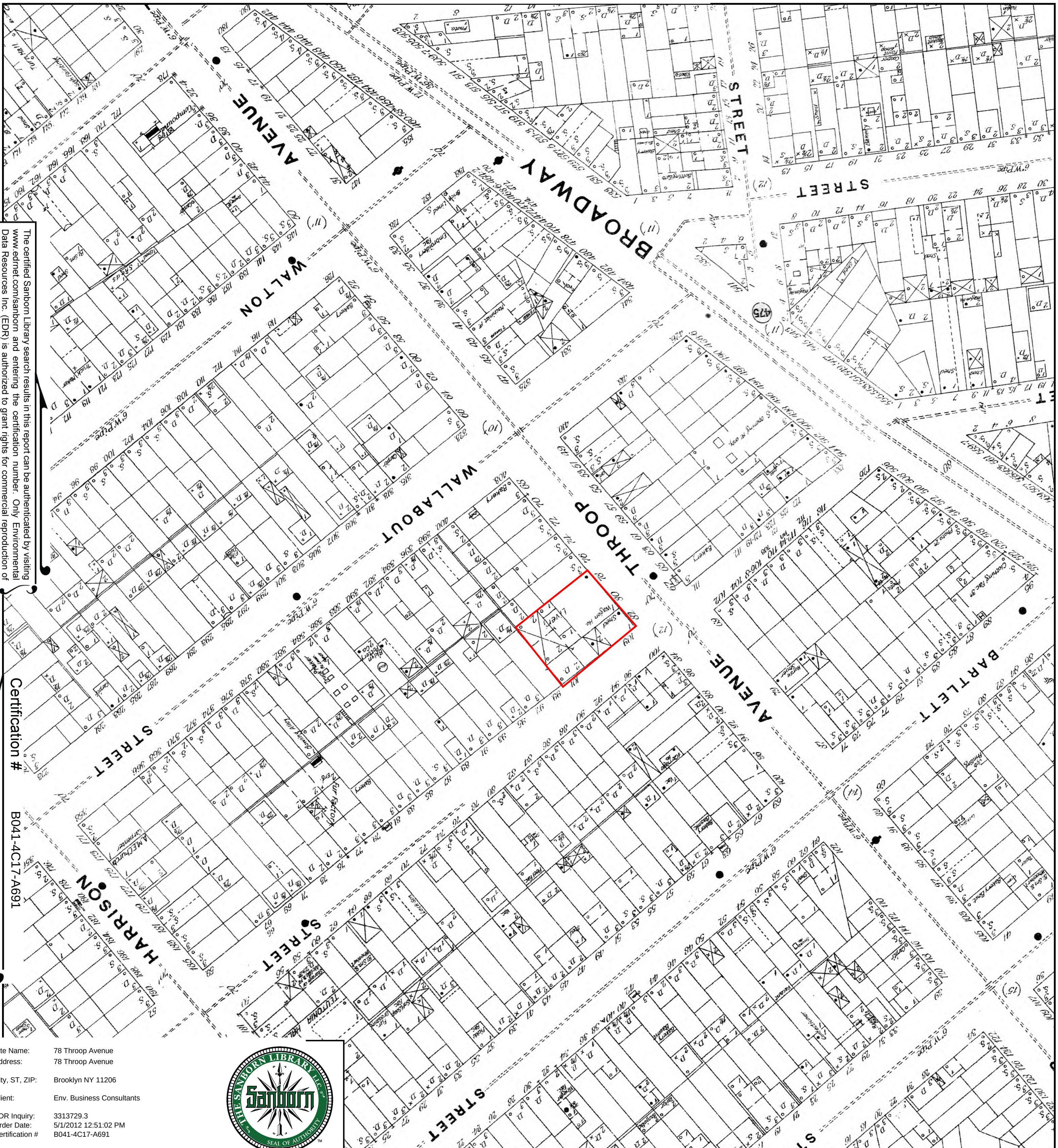
1887 Certified Sanborn Map



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EDR Inquiry:	3313729.3
Order Date:	5/1/2012 12:51:02 PM
Certification #	B041-4C17-A691
Copyright:	1887

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Outlined areas indicate map sheets within the collection.

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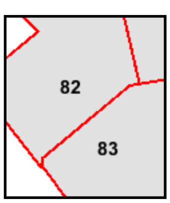

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APPENDIX D

CITY DIRECTORY SEARCH

78 Throop Avenue

78 Throop Avenue
Brooklyn, NY 11206

Inquiry Number: 3313729.4
May 01, 2012

The EDR-City Directory Abstract

Environmental Data Resources Inc

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

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2005. 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.

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

EXECUTIVE SUMMARY

SELECTED ADDRESSES

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

Address	***Type***	***Findings***
76 Throop Avenue	Client Entered	X
80 Throop Avenue	Client Entered	X
82 Throop Avenue	Client Entered	X
99 Gerry Street	Client Entered	X
101 Gerry Street	Client Entered	X
109 Gerry Street	Client Entered	
61 Throop Avenue	Client Entered	X
63 Throop Avenue	Client Entered	
67 Throop Avenue	Client Entered	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

78 Throop Avenue
Brooklyn, NY 11206

FINDINGS DETAIL

Target Property research detail.

Year	Uses	Source
1976	KELLY MARY	New York Telephone
	OLIVERA C	New York Telephone
	PONS JUAN	New York Telephone
	RIVERA SANDRA	New York Telephone
	WILLIAMS LEROY	New York Telephone
1973	Maldanada Angel	New York Telephone
	Pons Juan	New York Telephone
	Reyes Haydee	New York Telephone
	Williams Leroy	New York Telephone
1970	Gonzalez Mariano	New York Telephone
	Navedo Virginia Mrs	New York Telephone
	Pons Juan	New York Telephone
	Rodriguez Hector	New York Telephone
	Throop Av Restrnt	New York Telephone
	Williams Leroy	New York Telephone
1965	Grant Ernest	New York Telephone
	Langford Jas	New York Telephone
	Navedo Virginia Mrs	New York Telephone
	Rodriguez Gerardo	New York Telephone
	Thomas Wm	New York Telephone
	Throop Av Restrnt	New York Telephone
	Williams Jas	New York Telephone
	Williams Leroy	New York Telephone
1960	HUGHEY LEROY	New York Telephone
	MARTIN MARY	New York Telephone
	RODRIGUEZ GERARDO	New York Telephone
	THOMAS WM	New York Telephone
	THROOP RESTRNT	New York Telephone
	WILLIAMS JAS	New York Telephone

FINDINGS

Year	Uses	Source
1960	WILLIAMS LEROY	New York Telephone
	Hughey Leroy	New York Telephone Company
	Martin Mary	New York Telephone Company
	Rodriguez Gerardo	New York Telephone Company
	Thomas Wm	New York Telephone Company
	Throop Restrnt	New York Telephone Company
	Williams Jas	New York Telephone Company
	Williams Leroy	New York Telephone Company
1949	Alperowitz Bessie	New York Telephone Company
	Soffer Morris	New York Telephone Company
	Throop Luncheonette	New York Telephone Company
1940	Fordansky Guldie delcatesn	New York Telephone Company
	Kaufman Ida	New York Telephone Company
1934	PLANZER	R. L. Polk & Co.
	ACCT R	R. L. Polk & Co.
	AGNEW JAS A R	R. L. Polk & Co.
	ALAMO FRANK CHAUF H	R. L. Polk & Co.
	BIENDERMAN JENNIE BKPR R	R. L. Polk & Co.
	BIENSTOCK ALBERT SLSMN R	R. L. Polk & Co.
	BIENSTOCK MURRAY SLSMN R	R. L. Polk & Co.
	CHIMASKY WM DRY GDS H	R. L. Polk & Co.
	CHRIDAD MANUEL FIREMN H	R. L. Polk & Co.
	CHRIDAD MANUEL JR CLK R	R. L. Polk & Co.
	COHEN LOUIS PNTR H	R. L. Polk & Co.
	COHEN LOUIS CLK R	R. L. Polk & Co.
	COHEN LOWES PAINTER H	R. L. Polk & Co.
	COHEN PERRY CLK R	R. L. Polk & Co.
	COHEN SAM SHIP CLK R	R. L. Polk & Co.
	COHEN SAML CLK R	R. L. Polk & Co.
	COHN LOUIS R	R. L. Polk & Co.
	CRUZ CARLO LAB R	R. L. Polk & Co.
	CRUZ JOS LAB H	R. L. Polk & Co.
	HARRY LAB H	R. L. Polk & Co.
	KAUFMAN ABR CLK ARMORY BD R	R. L. Polk & Co.
	KAUFMAN ANNA CLK R	R. L. Polk & Co.
	KAUFMAN DAVID CASH R	R. L. Polk & Co.
	KAUFMAN HARRY ATNDT OFFCR DEPT OF EDUC R	R. L. Polk & Co.
	KAUFMAN IDA BKPR R	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1934	KAUFMAN ISIDORE H	R. L. Polk & Co.
	KAUFMAN SAML SLSMN R	R. L. Polk & Co.
	LEWIS HARRY MEAT CTR H	R. L. Polk & Co.
	LEWIS HARRY JR BATTER R	R. L. Polk & Co.
	LITSKY JOS CARP H	R. L. Polk & Co.
	LITSKY JULIUS CLK R	R. L. Polk & Co.
	NEWMARK ISIDORE LAB H	R. L. Polk & Co.
	PFLANZER MORRIS BAKER H	R. L. Polk & Co.
	RAMIER CHAS SLSMN R	R. L. Polk & Co.
	RAMIER HORMAN DLR H	R. L. Polk & Co.
	RAMIER MINNIE PKR R	R. L. Polk & Co.
	REIS JAS PDLR H	R. L. Polk & Co.
	RIVERA AURELIA CASH R	R. L. Polk & Co.
	RIVERA JOHN LAB R	R. L. Polk & Co.
	RIVERA JOHN CHAUF R	R. L. Polk & Co.
	RIVERA JOSPHINE CLK R	R. L. Polk & Co.
	ROSE ROSE RESTR	R. L. Polk & Co.
	ROSENTHAL AARON CLK R	R. L. Polk & Co.
	ROSENTHALL MILTON CLK H	R. L. Polk & Co.
	ROSENTHALL MORRIS BKPR R	R. L. Polk & Co.
	ROTHMAN SOL PNTR H	R. L. Polk & Co.
	SIMON ESTHER TCHR YESHIVATH TOCAH VODAATH INC R	R. L. Polk & Co.
	SIMON PHILIP CLK R	R. L. Polk & Co.
	SIMON WOLF OPR H	R. L. Polk & Co.
	SOFFER HARRY SLSMN R	R. L. Polk & Co.
	SOFFER JACOB OPR H	R. L. Polk & Co.
	SOFFER MORRIS CLK R	R. L. Polk & Co.
	STARR ABR CHAUF H	R. L. Polk & Co.
	STARR DIANNA SLSWN R	R. L. Polk & Co.
	STARR HARRY CHAUF R	R. L. Polk & Co.
	STARR HERMAN MECH R	R. L. Polk & Co.
	STUDENT R	R. L. Polk & Co.
1928	BELOTEN ISRAEL R	New York Telephone
	SIMON R	New York Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

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

GERRY

102 GERRY

Year	Uses	Source
1992	MAGIC SALES INC	NYNEX Informantion Resource Co.
1976	FURMAN LYDIA	New York Telephone
	MCKIBB STAR ECONOMY DEVELOPMENT	New York Telephone
	MCKIBBS STARS SHOP	New York Telephone
1934	SCHWICK HENRY MECH H	R. L. Polk & Co.
	ROM ROSE BKPR JOHN T MATCHETT CO R	R. L. Polk & Co.
	ROM JOSEPHINE H	R. L. Polk & Co.
	RAM JOHN F POLICE R	R. L. Polk & Co.
	LISKO JOHN LAB H	R. L. Polk & Co.
	ROM JOHN POLICEMN R	R. L. Polk & Co.

104 GERRY

Year	Uses	Source
1976	CABAN GLASS	New York Telephone
	MARRERO CARMEN	New York Telephone
1960	LEVIN BENJ & SONS GLAZR	New York Telephone
	MALAFKA NICHOLAS	New York Telephone
1934	WASSERMAN RUTH BKPR R	R. L. Polk & Co.
	HOFFNER LOUIS PHYS H DO	R. L. Polk & Co.
	WASSERMAN ABR BKPR R	R. L. Polk & Co.
	MILLER REBECCA MRS H	R. L. Polk & Co.
	MILLER FANNIE DRESS OPR R	R. L. Polk & Co.
	MALACHOWSKY JOHN WINDOW CLNR	R. L. Polk & Co.
	LARSEN JENS CARP H	R. L. Polk & Co.
	WASSERMAN JOS CONFR	R. L. Polk & Co.

106 GERRY

Year	Uses	Source
1985	JIPPO ENTERPRISES INC	NYNEX Information Resources Company
1980	J&W NEWSPRINTERS INC	New York Telephone

Year	Uses	Source
1976	J & W NEWSPRINTERS INC	New York Telephone
1934	CONTI THOS PLMBR H	R. L. Polk & Co.
	GULINO ALF LAB H	R. L. Polk & Co.
	MONASTERSKY MURRAY BARBER H DO	R. L. Polk & Co.
	NAPOLI CHAS BARBER H	R. L. Polk & Co.

115 GERRY

Year	Uses	Source
1934	PELLETERIA JOS M COPYIST R	R. L. Polk & Co.

GERRY ST

102 GERRY ST

Year	Uses	Source
1973	Maurano Rooerto Drama Studio	New York Telephone
1965	Otero Grocry Store	New York Telephone
	Castillo Jose A	New York Telephone
1940	Stagg Plumbing Supl Co Inc	New York Telephone Company
	Eisenberg J plmbng supls	New York Telephone Company

104 GERRY ST

Year	Uses	Source
1973	Able Auto Glass	New York Telephone
	Levin Benj & Sons glazr	New York Telephone
1970	Able Auto Glass	New York Telephone
1965	Levin Benj & Sons glazr	New York Telephone
	Brown Margarita	New York Telephone
	Able Auto Glass	New York Telephone
1960	Malafka Nicholas	New York Telephone Company
	Levin Benj & Sons glazr	New York Telephone Company

106 GERRY ST

Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Corporation
	Concha Nancy	Hill-Donnelly Corporation
	Number4 E Espada Elizabeth	Hill-Donnelly Corporation
	Jack Aphieka	Hill-Donnelly Corporation
	Jones Raynell v 07 Lainez Idalia	Hill-Donnelly Corporation
	Leeron Leanaea	Hill-Donnelly Corporation

FINDINGS

Year	Uses	Source
2005	Number28 Madison Jeleta	Hill-Donnelly Corporation
	Marou Kindo	Hill-Donnelly Corporation
	Number6 H Martinez Julio v	Hill-Donnelly Corporation
	Number5D Micheli Georgina	Hill-Donnelly Corporation
	Number40 Perez Z	Hill-Donnelly Corporation
	Number2 F Rambert Denise	Hill-Donnelly Corporation
	Ramos ose	Hill-Donnelly Corporation
	Rodriguez Idalia	Hill-Donnelly Corporation
	Number2 H Rodriguez Rafael	Hill-Donnelly Corporation
	Salas Crystal	Hill-Donnelly Corporation
	Number6 A Saney Jon	Hill-Donnelly Corporation
	Number3 E Santiago Maritza	Hill-Donnelly Corporation
	Santos Diosa	Hill-Donnelly Corporation
	Sayies Frederica	Hill-Donnelly Corporation
	Sparrow Construction	Hill-Donnelly Corporation
	Town Restoration Group	Hill-Donnelly Corporation
	Walton Jena	Hill-Donnelly Corporation
1973	J & W Newsprinters Inc	New York Telephone
1965	Lustig Allen prntng	New York Telephone

111 GERRY ST

Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Corporation
	n Taub E	Hill-Donnelly Corporation
	Gross Anshel	Hill-Donnelly Corporation
	Number3 R N Hillman Jacob Number 2 R h Kaufman Jacob v	Hill-Donnelly Corporation
	H Landau Rachel v	Hill-Donnelly Corporation
	Schmeedalg Mayer	Hill-Donnelly Corporation
	Number2 Ln Schneebalg M o	Hill-Donnelly Corporation
	Number4 R 11 Schnihtzter Joel	Hill-Donnelly Corporation
	NumberIR Schwartz Tobias	Hill-Donnelly Corporation

Gerry Street

101 Gerry Street

Year	Uses	Source
1973	Matos Evangelina	New York Telephone
1970	Ayala Sam	New York Telephone
	Padilla Vincente	New York Telephone

FINDINGS

Year	Uses	Source
1965	Paiso C T	New York Telephone
1960	PAISO C T	New York Telephone
	Paiso C T	New York Telephone Company
1934	WOLKOWITZ DAVID TAILOR	R. L. Polk & Co.

99 Gerry Street

Year	Uses	Source
1965	Carter Mildred Mrs	New York Telephone
	Poole Marie	New York Telephone
1960	FORD RICHD A	New York Telephone
	FARROW MAGGIE B	New York Telephone
	KINARD CLENDER	New York Telephone
	Ford Richd A	New York Telephone Company
	Kinard Clender	New York Telephone Company
	Farrow Maggie B	New York Telephone Company
1934	UNGER DORA INDRS H	R. L. Polk & Co.
	RYKIN HUGO ICEMN H	R. L. Polk & Co.
	ROSS MICHL I SHIP CLK R	R. L. Polk & Co.
	ROSS ROSA H	R. L. Polk & Co.
	ROSE ROSE RESTR	R. L. Polk & Co.
	BLOOM BEATRICE SLSWN R	R. L. Polk & Co.
	JONES FRED H	R. L. Polk & Co.
	GERSHANSKY HYMAN H	R. L. Polk & Co.
	SOLOMON MOE H	R. L. Polk & Co.
	BLOOM YETTA H	R. L. Polk & Co.

THEROOP AVE

78 THEROOP AVE

Year	Uses	Source
1934	RAMIER ABR BKPR R	R. L. Polk & Co.

THROON AVE

65 THROON AVE

Year	Uses	Source
1934	SIRISKY SATHAN H	R. L. Polk & Co.

FINDINGS

82 THROON AVE

Year	Uses	Source
1934	KAHANSKY SARAH SLSWN R	R. L. Polk & Co.

THROOP

82 THROOP

Year	Uses	Source
1934	FRANKEL ISRAEL DRUGGIST H DO	R. L. Polk & Co.

84 THROOP

Year	Uses	Source
1934	STEPCHUCK SAML PRSMN H	R. L. Polk & Co.

THROOP AVE

55 THROOP AVE

Year	Uses	Source
2005	Multi Unit Address	Hill-Donnelly Corporation
	Fulop hana	Hill-Donnelly Corporation
	Number3 C Landau Joel	Hill-Donnelly Corporation
	Lefkwoitz Simon	Hill-Donnelly Corporation
	Number6D H Mandel Solomon	Hill-Donnelly Corporation
	Number5D K Retek M	Hill-Donnelly Corporation
	Rutner Abraham	Hill-Donnelly Corporation
	Number1 C Shtesl Asher	Hill-Donnelly Corporation
	Spitzer Akiva	Hill-Donnelly Corporation
	Tauber Benjamin	Hill-Donnelly Corporation
	Number7 C It Teitelbaum Joel	Hill-Donnelly Corporation
	Throop Realty Corp	Hill-Donnelly Corporation
	Weinberger Joel	Hill-Donnelly Corporation
	Number3D H Bassul Miriam	Hill-Donnelly Corporation
1997	Throop Transmission	NYNEX
1985	TUNNELL MARGARET MRS	NYNEX Information Resources Company
1976	DELOATCH L	New York Telephone
1960	FEUER S B	New York Telephone
	MORTON PAPR CO	New York Telephone
	Feuer S b	New York Telephone Company
	Morton Papr Co	New York Telephone Company
1934	SLSMN R	R. L. Polk & Co.

FINDINGS

57 THROOP AVE

Year	Uses	Source
2005	Friedman Moses	Hill-Donnelly Corporation
	Weiss Sander	Hill-Donnelly Corporation
	HSchwartz J Y7	Hill-Donnelly Corporation
	HKatz C v oc	Hill-Donnelly Corporation
	h Gluck Lazar	Hill-Donnelly Corporation
	Friedman Moses	Hill-Donnelly Corporation
1997	Vipeo Inc	NYNEX
1992	VIPEO INC	NYNEX Informantion Resource Co.

59 THROOP AVE

Year	Uses	Source
2005	Weber Mordechai	Hill-Donnelly Corporation
	Multi Unit Address	Hill-Donnelly Corporation
	Numberl B h Appe Issac	Hill-Donnelly Corporation
	Number3 AHFischer J	Hill-Donnelly Corporation
	Number3 Turner Yehuda	Hill-Donnelly Corporation
	Szimonowitz Beri & Goldie	Hill-Donnelly Corporation
	NumberSA HSchwartz J V	Hill-Donnelly Corporation
	Number2 BHPerl E	Hill-Donnelly Corporation
	Lebowitz Chaya	Hill-Donnelly Corporation
	Number3 CHGreen B	Hill-Donnelly Corporation
	Number2 AH Freed P	Hill-Donnelly Corporation
1973	Metro Lining Co	New York Telephone
	Metropolitan Packing Mfg Co	New York Telephone
1970	Metro Lining Co	New York Telephone
1940	Osborg F E Mrs	New York Telephone Company

61 THROOP AVE

Year	Uses	Source
2005	Katz Avrom	Hill-Donnelly Corporation
	Green Bela	Hill-Donnelly Corporation
	Rottenberg Moishe	Hill-Donnelly Corporation
	Melsels Ezekiel	Hill-Donnelly Corporation
	Markowitz Samuel	Hill-Donnelly Corporation
	h Katz Avrom	Hill-Donnelly Corporation

FINDINGS

65 THROOP AVE

Year	Uses	Source
1949	Sirisky Nathan	New York Telephone Company
1945	Sirisky Nathan	New York Telephone Company
1934	SHEER WM CIGAR MKR H	R. L. Polk & Co.
	RUSSO PETER R	R. L. Polk & Co.
	GOODMAN JOSHUA GRO H DO	R. L. Polk & Co.
	GENNA MICHL PRINTER R	R. L. Polk & Co.
	GENNA GASPARD MEAT CTR H	R. L. Polk & Co.
	ROSATI VINCENT R	R. L. Polk & Co.
1928	SIRISKY NATHAN RL EST	New York Telephone

67 THROOP AVE

Year	Uses	Source
1934	MATULA NICHOLAS BARBER H DO	R. L. Polk & Co.
	MITCHELL JOS CHAUF H	R. L. Polk & Co.
	SCHWERDLINGER ROBT CTR H	R. L. Polk & Co.
	WEIDNER H	R. L. Polk & Co.
1928	ROSENTHAL S STATNY	New York Telephone

74 THROOP AVE

Year	Uses	Source
2005	Royal Taste	Hill-Donnelly Corporation
1985	H E AUTO BODY	NYNEX Information Resources Company
1960	Continentl Sales & Sewing Machine Co	New York Telephone Company
	CONTINENTL SALES & SEWING MACHINE CO	New York Telephone
1934	FREEDMAN JOS LAB H	R. L. Polk & Co.
	JERESHEYSKY JOS H	R. L. Polk & Co.
	KAMNSKY JOS OPR H	R. L. Polk & Co.
	KOTES JOS OPR H	R. L. Polk & Co.
	SILVERMAN FRANK JWLR H	R. L. Polk & Co.
	SILVERMAN SAML JWLR R	R. L. Polk & Co.
	LEE JOS RESTR H	R. L. Polk & Co.
1928	GISKIN M STATNY	New York Telephone

76 THROOP AVE

Year	Uses	Source
1980	THROOP BODY & FENDER SPCLSTS	New York Telephone
1976	THROOP BODY & FENDER SPCISTS	New York Telephone
1970	Willies Auto Repr Shop	New York Telephone

FINDINGS

Year	Uses	Source
1945	Womack Herbert B Rev study	New York Telephone Company
1940	Womack Herbert B Rev study	New York Telephone Company
1934	ROBINSON JULIUS TREAS WILLIAMSBURG EDUCATIONAL ALLIANCE	R. L. Polk & Co.
	SCHMLULUSON SOL SEC WILLIAMSBURG EDUCATIONAL ALLIANCE	R. L. Polk & Co.
	SCHMULINSON SAML SEC WMSBURG EDUCATIONAL ALLIANCE INC	R. L. Polk & Co.
	WILLIAMSBURG EDUCATIONAL ALLIANCE INC ABR RUBIN PRES SAML SCHMULINSON SEC	R. L. Polk & Co.
1928	WMSBURG EDUCATIONAL ALLIANCE	New York Telephone

80 THROOP AVE

Year	Uses	Source
1973	Perez Danl	New York Telephone
1970	Perez Danl	New York Telephone
	Smith Arliatha	New York Telephone
1960	BRISTER CEATIE MRS	New York Telephone
	PALMER CHAS H	New York Telephone
	Brister Ceatie Mrs	New York Telephone Company
	Palmer Chas H	New York Telephone Company
1949	Litsky Anna Mrs	New York Telephone Company
1945	Newmark Max	New York Telephone Company
	Bienstock Al	New York Telephone Company
	Litsky Beatrice	New York Telephone Company
1940	Newmark Max	New York Telephone Company
1934	IULIANO FRANK BARBER H DO	R. L. Polk & Co.
	SCHAFFER BERNHARD PRESSERS & CLNRS	R. L. Polk & Co.
	SHAFFER BERNARD CLNR H DO	R. L. Polk & Co.

82 THROOP AVE

Year	Uses	Source
1973	Marreros Grocry Store	New York Telephone
1970	Gonzalez Benjamin	New York Telephone
	Marreros Grocry Store	New York Telephone
1965	Cruz Anna D	New York Telephone
	Santiago Victor	New York Telephone
1960	JAY BEE GROCRY	New York Telephone

FINDINGS

Year	Uses	Source
1960	PEREZ ALFRED	New York Telephone
	TESSLER SOLOMON RABBI	New York Telephone
	Jay Bee Grocry	New York Telephone Company
	Perez Alfred	New York Telephone Company
	Schriftman Maury b	New York Telephone Company
	Tessler Solomon Rabbi	New York Telephone Company
	SCHRIFTMAN MAURY B	New York Telephone
1949	Dubin Pauline Mrs	New York Telephone Company
	Dubinsky Benj	New York Telephone Company
	Erdell Jos	New York Telephone Company
	Jay Bee Grocry	New York Telephone Company
	Nefsky Jeanette	New York Telephone Company
	Schriftman Maury b	New York Telephone Company
1945	Erdell Jos	New York Telephone Company
	Schriftman Maury	New York Telephone Company
1934	RABINOWITZ CTR H	R. L. Polk & Co.
	TENZER BENJ CLK R	R. L. Polk & Co.
	TENZER HELEN OPR R	R. L. Polk & Co.
	TENZER MAX PRSMN H	R. L. Polk & Co.
	TENZER RUTH STEN R	R. L. Polk & Co.
	ZIMLER MAX BAKER H	R. L. Polk & Co.
	KOHANSKY PAUL FRUIT	R. L. Polk & Co.
	KAHANSKY LILLIAN BKPR R	R. L. Polk & Co.
	KAHANSKY PAUL PDLR H	R. L. Polk & Co.
1928	FRANKEL I DRUGGIST	New York Telephone

84 THROOP AVE

Year	Uses	Source
1976	MARRERO S GROCRY STORE	New York Telephone
	SANTIAGO LEONIDES S	New York Telephone
1973	Calderon Raul	New York Telephone
1970	Calderon Raul	New York Telephone
1965	Aponte Ana M Mrs	New York Telephone
1960	SAEZ MICHL E	New York Telephone
	SAEZ WILSON B	New York Telephone
	ZARIN HERBERT	New York Telephone
	Saez Michl E	New York Telephone Company
	Saez Wilson b	New York Telephone Company
	Zarin Herbert	New York Telephone Company

Year	Uses	Source
1949	Honig Geo Co ins	New York Telephone Company
	Landesberg Engnrng Co	New York Telephone Company
	Landesberg Sewing Machine Co	New York Telephone Company
	Marland Lead Seal Co	New York Telephone Company
	Simchik Alice B	New York Telephone Company
1945	Landesberg Engnrng Co	New York Telephone Company
	Landesberg Sewing Machine Co	New York Telephone Company
	Marland Lead Seal Co	New York Telephone Company
	Schneider Sol	New York Telephone Company
1934	ANDREYKO THEO WALTER R	R. L. Polk & Co.
	ANDREYKO STEVEN BAKER H	R. L. Polk & Co.
	LANDESBERG ENGINEERING CO INC SAML LANDESBERG PRESTREAS ELEC CONTR	R. L. Polk & Co.
	LANDESBERG SAML PRES-TREAS LANDESBERG ENGINEERING CO INC	R. L. Polk & Co.
1928	BLACK DAVID R	New York Telephone
	LANDESBERG ENGINEERING CO ELEC CONTG	New York Telephone
	LANDESBERG MARTIN M ELEC CONTR	New York Telephone

Throop Avenue

61 Throop Avenue

Year	Uses	Source
2005	Green Bela	Hill-Donnelly Corporation
	Katz Avrom	Hill-Donnelly Corporation
	h Katz Avrom	Hill-Donnelly Corporation
	Melsels Ezekiel	Hill-Donnelly Corporation
	Rottenberg Moishe	Hill-Donnelly Corporation
	Markowitz Samuel	Hill-Donnelly Corporation

67 Throop Avenue

Year	Uses	Source
1934	MATULA NICHOLAS BARBER H DO	R. L. Polk & Co.
	MITCHELL JOS CHAUF H	R. L. Polk & Co.
	SCHWERDLINGER ROBT CTR H	R. L. Polk & Co.
	WEIDNER H	R. L. Polk & Co.
1928	ROSENTHAL S STATNY	New York Telephone

FINDINGS

76 Throop Avenue

Year	Uses	Source
1980	THROOP BODY & FENDER SPCLSTS	New York Telephone
1976	THROOP BODY & FENDER SPCISTS	New York Telephone
1970	Willies Auto Repr Shop	New York Telephone
1945	Womack Herbert B Rev study	New York Telephone Company
1940	Womack Herbert B Rev study	New York Telephone Company
1934	WILLIAMSBURG EDUCATIONAL ALLIANCE INC ABR RUBIN PRES SAML SCHMULINSON SEC	R. L. Polk & Co.
	ROBINSON JULIUS TREAS WILLIAMSBURG EDUCATIONAL ALLIANCE	R. L. Polk & Co.
	SCHMLULUSON SOL SEC WILLIAMSBURG EDUCATIONAL ALLIANCE	R. L. Polk & Co.
	SCHMULINSON SAML SEC WMSBURG EDUCATIONAL ALLIANCE INC	R. L. Polk & Co.
1928	WMSBURG EDUCATIONAL ALLIANCE	New York Telephone

80 Throop Avenue

Year	Uses	Source
1973	Perez Danl	New York Telephone
1970	Smith Arliatha	New York Telephone
	Perez Danl	New York Telephone
1960	BRISTER CEATIE MRS	New York Telephone
	PALMER CHAS H	New York Telephone
	Brister Ceatie Mrs	New York Telephone Company
	Palmer Chas H	New York Telephone Company
1949	Litsky Anna Mrs	New York Telephone Company
1945	Bienstock Al	New York Telephone Company
	Newmark Max	New York Telephone Company
	Litsky Beatrice	New York Telephone Company
1940	Newmark Max	New York Telephone Company
1934	SCHAFFER BERNHARD PRESSERS & CLNRS	R. L. Polk & Co.
	IULIANO FRANK BARBER H DO	R. L. Polk & Co.
	SHAFFER BERNARD CLNR H DO	R. L. Polk & Co.

82 Throop Avenue

Year	Uses	Source
1973	Marreros Grocry Store	New York Telephone
1970	Gonzalez Benjamin	New York Telephone

FINDINGS

Year	Uses	Source
1970	Marreros Grocry Store	New York Telephone
1965	Cruz Anna D	New York Telephone
	Santiago Victor	New York Telephone
1960	JAY BEE GROCRY	New York Telephone
	PEREZ ALFRED	New York Telephone
	SCHRIFTMAN MAURY B	New York Telephone
	TESSLER SOLOMON RABBI	New York Telephone
	Schriftman Maury b	New York Telephone Company
	Tessler Solomon Rabbi	New York Telephone Company
	Jay Bee Grocry	New York Telephone Company
	Perez Alfred	New York Telephone Company
1949	Dubin Pauline Mrs	New York Telephone Company
	Dubinsky Benj	New York Telephone Company
	Erdell Jos	New York Telephone Company
	Nefsky Jeanette	New York Telephone Company
	Jay Bee Grocry	New York Telephone Company
	Schriftman Maury b	New York Telephone Company
1945	Erdell Jos	New York Telephone Company
	Schriftman Maury	New York Telephone Company
1934	ZIMLER MAX BAKER H	R. L. Polk & Co.
	RABINOWITZ CTR H	R. L. Polk & Co.
	KOHANSKY PAUL FRUIT	R. L. Polk & Co.
	TENZER BENJ CLK R	R. L. Polk & Co.
	KAHANSKY LILLIAN BKPR R	R. L. Polk & Co.
	KAHANSKY PAUL PDLR H	R. L. Polk & Co.
	TENZER HELEN OPR R	R. L. Polk & Co.
	TENZER RUTH STEN R	R. L. Polk & Co.
	TENZER MAX PRSMN H	R. L. Polk & Co.
	FRANKEL ISRAEL DRUGGIST H DO	R. L. Polk & Co.
	TENZER JOS CLK R	R. L. Polk & Co.
1928	FRANKEL I DRUGGIST	New York Telephone

THROOPE AVE

82 THROOPE AVE

Year	Uses	Source
1934	TENZER JOS CLK R	R. L. Polk & Co.

FINDINGS

THRROP AVE

78 THRROP AVE

Year	*Uses*	*Source*
1934	BIENSTOCK WM DPLR H	R. L. Polk & Co.

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	Address Not Identified in Research Source
78 Throop Avenue	2005, 2000, 1997, 1992, 1985, 1980, 1945

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched	Address Not Identified in Research Source
101 Gerry Street	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1949, 1945, 1940, 1928
102 GERRY	2005, 2000, 1997, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
102 GERRY ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1970, 1960, 1949, 1945, 1934, 1928
104 GERRY	2005, 2000, 1997, 1992, 1985, 1980, 1973, 1970, 1965, 1949, 1945, 1940, 1928
104 GERRY ST	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1949, 1945, 1940, 1934, 1928
106 GERRY	2005, 2000, 1997, 1992, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
106 GERRY ST	2000, 1997, 1992, 1985, 1980, 1976, 1970, 1960, 1949, 1945, 1940, 1934, 1928
109 Gerry Street	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
111 GERRY ST	2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
115 GERRY	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
55 THROOP AVE	2000, 1992, 1980, 1973, 1970, 1965, 1949, 1945, 1940, 1928
57 THROOP AVE	2000, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
59 THROOP AVE	2000, 1997, 1992, 1985, 1980, 1976, 1965, 1960, 1949, 1945, 1934, 1928
61 THROOP AVE	2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
61 Throop Avenue	2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
63 Throop Avenue	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
65 THROON AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
65 THROOP AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1940
67 THROOP AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940

FINDINGS

Address Researched	Address Not Identified in Research Source
67 Throop Avenue	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940
74 THROOP AVE	2000, 1997, 1992, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940
76 THROOP AVE	2005, 2000, 1997, 1992, 1985, 1973, 1965, 1960, 1949
76 Throop Avenue	2005, 2000, 1997, 1992, 1985, 1973, 1965, 1960, 1949
78 THEROOP AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
78 THRROP AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
80 THROOP AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1928
80 Throop Avenue	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1965, 1928
82 THROON AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
82 THROOP	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
82 THROOP AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1940
82 Throop Avenue	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1940
82 THROOPE AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
84 THROOP	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
84 THROOP AVE	2005, 2000, 1997, 1992, 1985, 1980, 1940
99 Gerry Street	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1949, 1945, 1940, 1928

APPENDIX E

EDR RADIUS MAP REPORT

78 Throop Avenue
78 Throop Avenue
Brooklyn, NY 11206

Inquiry Number: 3313729.2s
May 01, 2012

EDR Summary Radius Map Report

EDR® Environmental Data Resources Inc

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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

78 THROOP AVENUE
BROOKLYN, NY 11206

COORDINATES

Latitude (North):	40.7023000 - 40˚ 42' 8.28''
Longitude (West):	73.9468000 - 73˚ 56' 48.48''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588976.2
UTM Y (Meters):	4506032.5
Elevation:	13 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	USGS 7.5 min quad index

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
78 THROOP AVENUE
BROOKLYN, NY 11206

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
A1	LOT 31,TAXBLOCK 2266	76 THROOP AVENUE	E DESIGNATION	Higher	27, NE
A2	LOT 30,TAXBLOCK 2266	74 THROOP AVENUE	E DESIGNATION	Higher	44, NNE
A3	LOT 36,TAXBLOCK 2266	99 GERRY STREET	E DESIGNATION	Higher	65, SSE
A4	LOT 34,TAXBLOCK 2266	82 THROOP AVENUE	E DESIGNATION	Higher	65, East
A5	LOT 37,TAXBLOCK 2266	97 GERRY STREET	E DESIGNATION	Higher	66, South
A6	LOT 38,TAXBLOCK 2266	95 GERRY STREET	E DESIGNATION	Higher	68, South
A7	ON GROUND	90-92 GERRY STREET	NY Spills	Higher	74, SSE
A8	LOT 25,TAXBLOCK 2269	90 GERRY STREET	E DESIGNATION	Higher	74, SSE
A9	LOT 24,TAXBLOCK 2269	88 GERRY STREET	E DESIGNATION	Higher	76, South
A10	LOT 29,TAXBLOCK 2266	72 THROOP AVENUE	E DESIGNATION	Higher	77, North
A11	LOT 27,TAXBLOCK 2269	84 THROOP AVENUE	E DESIGNATION	Higher	80, ESE
A12	LOT 23,TAXBLOCK 2269	86 GERRY STREET	E DESIGNATION	Higher	82, South
A13	LOT 39,TAXBLOCK 2266	93 GERRY STREET	E DESIGNATION	Higher	87, South
B14	LOT 40,TAXBLOCK 2266	91 GERRY STREET	E DESIGNATION	Higher	105, SSW
B15	PFIZER INC. BROOKLYN	80 GERRY STREET	UST, HIST UST	Higher	132, SSW
A16	LOT 29,TAXBLOCK 2269	88 THROOP AVENUE	E DESIGNATION	Higher	141, ESE
A17	LOT 25,TAXBLOCK 2266	398 WALLABOUT STREET	E DESIGNATION	Higher	148, WNW
A18	MAGIC AUTO REPAIR SH	398 WALLABOUT STREET	AST	Higher	148, WNW
A19	398 WALLABOUT STREET	398 WALLABOUT ST	NY Spills, NY Hist Spills	Higher	148, WNW
A20	LOT 23,TAXBLOCK 2266	394 WALLABOUT STREET	E DESIGNATION	Higher	151, WNW
B21	LOT 19,TAXBLOCK 2269	78 GERRY STREET	E DESIGNATION	Higher	154, SSW
A22	VARTEX INSTRUMENT CO	311 WALLABOUT ST	RCRA-NonGen, FINDS, MANIFEST	Higher	158, WNW
A23	LOT 37,TAXBLOCK 2250	311 WALLABOUT STREET	E DESIGNATION	Higher	158, WNW
A24	LOT 36,TAXBLOCK 2250	313 WALLABOUT STREET	E DESIGNATION	Higher	158, WNW
A25	LOT 33,TAXBLOCK 2250	66 THROOP AVENUE	E DESIGNATION	Higher	164, NNW
C26	307 WALLABOUNT STREE	307 WALLABOUT STREET	UST, HIST UST, E DESIGNATION	Higher	168, West
B27	LOT 21,TAXBLOCK 2266	390 WALLABOUT STREET	E DESIGNATION	Higher	169, West
A28	LOT 30,TAXBLOCK 2269	90 THROOP AVENUE	E DESIGNATION	Higher	173, ESE
B29	LOT 18,TAXBLOCK 2269	76 GERRY STREET	E DESIGNATION	Higher	176, SSW
C30	LOT 40,TAXBLOCK 2250	305 WALLABOUT STREET	E DESIGNATION	Higher	177, West
B31	LOT 20,TAXBLOCK 2266	388 WALLABOUT STREET	E DESIGNATION	Higher	183, West
B32	LOT 19,TAXBLOCK 2266	386 WALLABOUT STREET	E DESIGNATION	Higher	194, West
B33	LOT 17,TAXBLOCK 2269	74 GERRY STREET	E DESIGNATION	Higher	198, SSW
C34	LOT 18,TAXBLOCK 2266	384 WALLABOUT STREET	E DESIGNATION	Higher	216, West
C35	LOT 17,TAXBLOCK 2266	382 WALLABOUT STREET	E DESIGNATION	Higher	235, West
A36	LOT 32,TAXBLOCK 2250	62 THROOP AVENUE	E DESIGNATION	Higher	235, NNW
C37	LOT 16,TAXBLOCK 2266	380 WALLABOUT STREET	E DESIGNATION	Higher	255, WSW
A38	LOT 22,TAXBLOCK 2266	392 WALLABOUT STREET	E DESIGNATION	Higher	260, NNE
C39	LOT 41,TAXBLOCK 2250	295 WALLABOUT STREET	E DESIGNATION	Higher	261, WSW

MAPPED SITES SUMMARY

Target Property Address:
78 THROOP AVENUE
BROOKLYN, NY 11206

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
C40	LOT 15,TAXBLOCK 2266	378 WALLABOUT STREET	E DESIGNATION	Higher	276, WSW
C41	LOT 14,TAXBLOCK 2266	376 WALLABOUT STREET	E DESIGNATION	Higher	297, WSW
D42	SOSA DIAGNOSTIC REPA	620 BROADWAY	AST	Higher	297, NNE
B43	EMPTY LOT	73-87 GERRY STREET	NY Spills, NY Hist Spills	Higher	299, SSW
B44	PFIZER SITES B AND D	59-71 GERRY ST. AND	VCP	Higher	299, SSW
B45	PFIZER INC/GERRY ST	PFIZER INC/GERRY ST	LTANKS, HIST LTANKS	Higher	299, SSW
B46	PFIZER INC BROOKLYN	73 GERRY ST	RCRA-CESQG, FINDS, MANIFEST	Higher	299, SSW
B47	LOT 46,TAXBLOCK 2266	75 GERRY STREET	E DESIGNATION	Higher	299, SSW
B48	EMPTY LOT	73-87 GERRY STREET	NY Hist Spills	Higher	299, SSW
C49	LOT 46,TAXBLOCK 2250	291 WALLABOUT STREET	E DESIGNATION	Higher	302, WSW
C50	LOT 48,TAXBLOCK 2250	289 WALLABOUT STREET	E DESIGNATION	Higher	324, WSW
E51	LOT 33,TAXBLOCK 2269	69 BARTLETT STREET	E DESIGNATION	Higher	333, SE
E52	LOT 35,TAXBLOCK 2269	65 BARTLETT STREET	E DESIGNATION	Higher	334, SE
E53	LOT 36,TAXBLOCK 2269	63 BARTLETT STREET	E DESIGNATION	Higher	335, SE
E54	LOT 39,TAXBLOCK 2269	57 BARTLETT STREET	E DESIGNATION	Higher	337, SSE
E55	DRUM RUN	CORNER THROOP AVE AN	NY Spills	Higher	339, SE
E56	BROADWAY TRIANGLE	THROOP AVE / BARTLET	NY Spills, NY Hist Spills	Higher	339, SE
E57	THROOP AVENUE / BART	THROOP AVENUE / BART	UST, HIST UST	Higher	339, SE
E58	LOT 40,TAXBLOCK 2269	55 BARTLETT STREET	E DESIGNATION	Higher	340, SSE
F59	LOT 29,TAXBLOCK 2250	56 THROOP AVENUE	E DESIGNATION	Higher	344, NNW
E60	LOT 41,TAXBLOCK 2269	53 BARTLETT STREET	E DESIGNATION	Higher	345, SSE
E61	LOT 42,TAXBLOCK 2269	51 BARTLETT STREET	E DESIGNATION	Higher	352, SSE
D62	APARTMENT BUILDING	613 BROADWAY	NY Spills, NY Hist Spills	Higher	356, North
G63	SERVICE BOX # 7967	285 WALLABOUT ST	NY Spills	Higher	369, WSW
H64	LOT 43,TAXBLOCK 2269	47 BARTLETT STREET	E DESIGNATION	Higher	372, South
F65	LOT 28,TAXBLOCK 2250	54 THROOP AVENUE	E DESIGNATION	Higher	380, NNW
I66	LOT 1,TAXBLOCK 2269	58 GERRY STREET	E DESIGNATION	Higher	394, SW
H67	LOT 45,TAXBLOCK 2269	43 BARTLETT STREET	E DESIGNATION	Higher	399, South
H68	LOT 11,TAXBLOCK 2272	36 BARTLETT STREET	E DESIGNATION	Higher	405, South
G69	LOT 9,TAXBLOCK 2266	366 WALLABOUT STREET	E DESIGNATION	Higher	411, WSW
J70	SERVICE BOX 15648	650 BROADWAY	NY Hist Spills	Higher	412, East
J71	JUNKYARD	650 BROADWAY	NY Spills	Higher	412, East
H72	LOT 47,TAXBLOCK 2269	41 BARTLETT STREET	E DESIGNATION	Higher	414, South
F73	LOT 27,TAXBLOCK 2250	52 THROOP AVENUE	E DESIGNATION	Higher	416, NNW
D74	VAULT 3871	MOORE AND LEONARD ST	NY Spills, NY Hist Spills	Higher	416, NNE
F75	LOT 25,TAXBLOCK 2250	116 WALTON STREET	E DESIGNATION	Higher	419, NW
H76	LOT 48,TAXBLOCK 2269	39 BARTLETT STREET	E DESIGNATION	Higher	431, South
H77	LOT 49,TAXBLOCK 2269	37 BARTLETT STREET	E DESIGNATION	Higher	448, South
H78	2001 HIGH TECH AUTO	30 BARTLETT STREET	UST	Higher	450, South

MAPPED SITES SUMMARY

Target Property Address:
78 THROOP AVENUE
BROOKLYN, NY 11206

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
H79	LOT 9,TAXBLOCK 2272	30 BARTLETT STREET	E DESIGNATION	Higher	450, South
F80	CITGO/ 594 BROADWAY	594 BROADWAY	HIST LTANKS, NY Spills	Higher	464, North
F81	RICHARDS AUTO REPAIR	594 BROADWAY	RCRA-NonGen, FINDS	Higher	464, North
F82	SUSION DEVELPORS LLC	594 BROADWAY	UST, HIST UST, HIST AST	Higher	464, North
H83	LOT 50,TAXBLOCK 2269	35 BARTLETT STREET	E DESIGNATION	Higher	467, South
F84	DRUM RUN	BROADWAY & WALTON ST	NY Spills	Higher	473, North
K85	LOT 14,TAXBLOCK 2250	94 WALTON STREET	E DESIGNATION	Higher	493, WNW
K86	HOO CORP	94 WALLTON STREET	UST	Higher	493, WNW
H87	LOT 6,TAXBLOCK 2272	24 BARTLETT STREET	E DESIGNATION	Higher	501, South
G88	BAIS RUCHEL HIGH SCH	177 HARRISON AVE	RCRA-SQG	Higher	502, SW
G89	BAIS RUCHEL HIGH SCH	177 HARRISON AVE	MANIFEST	Higher	502, SW
H90	LOT 52,TAXBLOCK 2269	31 BARTLETT STREET	E DESIGNATION	Higher	506, South
I91	CON ED - MH 485	GERRY ST & HARRISON	RCRA-NonGen, MANIFEST	Higher	512, SW
I92	MANHOLE 1144	GERRY ST/HARRISON AV	NY Spills	Higher	512, SW
J93	CONSOLIDATED EDISON	662 BROADWAY	MANIFEST	Higher	519, East
J94	CON EDISON - MANHOLE	662 BROADWAY	RCRA-LQG	Higher	519, East
G95	LOT 12,TAXBLOCK 2250	90 WALTON STREET	E DESIGNATION	Higher	521, West
I96	ARLINGTON PRESS	191 HARRISON AVE	MANIFEST	Higher	523, SSW
I97	ARLINGTON PRESS-191	191 HARRISON AVE	RCRA-SQG, FINDS, MANIFEST	Higher	523, SSW
H98	29 BARTLETT STREET	29 BARTLETT STREET	NY Spills, NY Hist Spills	Higher	527, South
G99	MANHOLE 468	WALLABOUT ST/HARRISO	NY Spills, NY Hist Spills	Higher	528, WSW
I100	V4821	48 GERRY STREET	RCRA-NonGen, MANIFEST	Higher	530, SW
G101	LOT 11,TAXBLOCK 2250	88 WALTON STREET	E DESIGNATION	Higher	536, West
G102	LOT 10,TAXBLOCK 2250	86 WALTON STREET	E DESIGNATION	Higher	552, West
K103	I.S. 318	101 WALTON STREET	AST, HIST AST	Higher	566, West
K104	IS 318	101 WALTON ST	RCRA-NonGen, FINDS, MANIFEST	Higher	566, West
G105	LOT 4,TAXBLOCK 2250	161 HARRISON AVENUE	E DESIGNATION	Higher	578, WSW
G106	LOT 6,TAXBLOCK 2250	159 HARRISON AVENUE	E DESIGNATION	Higher	594, WSW
L107	LOT 3,TAXBLOCK 2272	207 HARRISON AVENUE	E DESIGNATION	Higher	612, SSW
L108	BARTLETT ST & HARRIS	BARTLETT STREET/HARR	NY Spills	Higher	612, SSW
G109	LOT 7,TAXBLOCK 2250	157 HARRISON AVENUE	E DESIGNATION	Higher	612, West
L110	HARRISON/YORKTOWN/AC	209 HARRISON AVENUE	DRYCLEANERS	Higher	613, SSW
L111	HARRISON DRY CLEANER	209 HARRISON AVENUE	RCRA-NonGen, FINDS, MANIFEST	Higher	613, SSW
M112	LOT 5,TAXBLOCK 2274	16 WHIPPLE STREET	E DESIGNATION	Higher	622, SSE
M113	LOT 45,TAXBLOCK 2272	11 WHIPPLE STREET	E DESIGNATION	Higher	630, SSE
K114	LOT 8,TAXBLOCK 2250	155 HARRISON AVENUE	E DESIGNATION	Higher	631, West
M115	LOT 46,TAXBLOCK 2272	9 WHIPPLE STREET	E DESIGNATION	Higher	637, SSE
M116	LOT 147,TAXBLOCK 227	5 WHIPPLE STREET	E DESIGNATION	Higher	652, SSE
L117	PFIZER INC	11 BARTLETT ST	CORRACTS, RCRA-LQG, RAATS, MANIFEST	Higher	683, SSW

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Target Property Address:
78 THROOP AVENUE
BROOKLYN, NY 11206

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
N118	CON EDISON - TM 135	THROOP AVE & LORIMER	RCRA-NonGen, MANIFEST	Higher	692, NNW
M119	CON EDISON	WHIPPLE ST & FLUSHIN	RCRA-CESQG	Higher	699, SSE
L120	PFIZER INC	11 BARTLETT STREET	MANIFEST	Higher	701, SSW
121	LINDSAY PARK HOUSING	31 LEONARD STREET	UST, HIST UST	Higher	707, NNE
N122	MTA NYCT - LORIMER S	LORIMER ST & BROADWA	RCRA-NonGen, FINDS, MANIFEST	Higher	711, NNW
N123	CON EDISON	LORIMER ST & BROADWA	RCRA-CESQG	Higher	711, NNW
L124	BP AMOCO SERVICE STA	655 FLUSHING AVENUE	UST, HIST UST	Higher	715, South
O125	CLOSED-LACKOF RECENT	113 THROOP AVE	LTANKS, HIST LTANKS	Higher	719, SE
O126	ALL SAINTS R C CHURC	115 THROOP AVE	UST, HIST UST	Higher	727, SE
P127	NYCT - BROADWAY-LORI	143 LORIMER ST	RCRA-SQG	Higher	780, WNW
P128	NYCT - BROADWAY-LORI	143 LORIMER ST	MANIFEST	Higher	780, WNW
Q129	255 WALLABOUT ST/PFI	255 WALLABOUT STREET	LTANKS, HIST LTANKS	Higher	790, WSW
Q130	PFIZER INC BROOKLYN	338 WALLABOUT ST	RCRA-NonGen, FINDS, MANIFEST	Higher	794, WSW
R131	HYDRO TECH	70 UNION AVENUE	MANIFEST	Higher	805, West
L132	PFIZER INC BROOKLYN	630 FLUSHING AVENUE	MANIFEST	Higher	829, SSW
L133	PFIZER INC. BROOKLYN	630 FLUSHING AVENUE	RCRA-LQG, FINDS, MANIFEST	Higher	829, SSW
L134	TEXECO STATION	630 FLUSHING AVE	LTANKS, HIST LTANKS, HIST UST, AST, HIST AST,...	Higher	829, SSW
L135	630 FLUSHING AVE	630 FLUSHING AVE	HIST LTANKS, CBS AST	Higher	829, SSW
L136	PFIZER INC	630 FLUSHING AVENUE	UST	Higher	829, SSW
N137	NYCTA - 22 THROOP AV	22 THROOP AVE	RCRA-NonGen, FINDS, MANIFEST	Higher	870, NW
O138	709-715 FLUSHING AVE	709-715 FLUSHING AVE	UST	Higher	904, SE
R139	CAS DEVELOPERS LLC	70 UNION AVE	RCRA-CESQG	Higher	908, West
R140	70 UNION AVENUE	70 UNION AVENUE	UST	Higher	908, West
141	PFIZER (ORGANICS/SUC	CENTRAL PORTION OF P	VCP	Lower	922, SSW
S142	CON ED-V5285	SEIGAL ST & MANHATTA	MANIFEST	Higher	924, NE
S143	CON ED - VS 5285	SEIGAL ST & MANHATTA	RCRA-NonGen, MANIFEST	Higher	925, NE
O144	EMS BATT 57 @ WOODHU	131 THROOP AVE	UST	Higher	956, SE
T145	COOK STREET HOUSING	40 VARET STREET	UST	Higher	1000, ENE
146	EMS @ WOODHULL HOSPI	720 FLUSHING AVE	UST, HIST UST	Higher	1005, SE
P147	GEORGE ROYH	116 UNION AVENUE	UST, HIST UST	Higher	1011, WNW
S148	67 MANHATTAN AVE	67 MANHATTAN AVE	MANIFEST, NY Spills, NY Hist Spills	Higher	1025, NE
S149	LINDSAY PARK HOUSING	67 MANHATTAN AVENUE	UST, HIST UST	Higher	1025, NE
S150	CON EDISON - 67 MANH	67 MANHATTAN AVE	RCRA-NonGen, FINDS	Higher	1029, NE
U151	KNIGHTS COLLISION EX	120 UNION AVE	RCRA-NonGen	Higher	1029, WNW
U152	KNIGHTS COLLISION &	120 UNION AVENUE	UST	Higher	1029, WNW
U153	KNIGHTS COLLISION EX	120 UNION AVE	MANIFEST, NY Spills	Higher	1029, WNW
Q154	TM2554	322 WALLABOUT STREET	RCRA-NonGen, MANIFEST	Lower	1033, WSW
T155	GRAYCO CORP.	29 COOK STREET	AST	Higher	1052, East
156	CON EDISON - VS 231	93 HOPKINS ST	RCRA-NonGen, MANIFEST	Higher	1065, SSW

MAPPED SITES SUMMARY

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BROOKLYN, NY 11206

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
U157	CONSOLIDATED EDISON	MIDDLETON & HARRISON	MANIFEST	Higher	1088, WNW
V158	CONSOLIDATED EDISON	MH611-104 FLUSHING A	MANIFEST	Lower	1117, SW
W159	MARS CLEANERS	80 MANHATTAN AVE.	DRYCLEANERS	Higher	1123, NNE
W160	MARS CLEANERS	80 MANHATTAN AVE	RCRA-CESQG, FINDS, MANIFEST	Higher	1123, NNE
U161	ANTONIA GONSALIS	118-120 HARRISON AVE	UST, HIST UST	Higher	1126, WNW
V162	V1821	2 GERRY STREET	RCRA-NonGen, MANIFEST	Lower	1127, SW
V163	V2107	2-48 GERRY	RCRA-NonGen, MANIFEST	Lower	1127, SW
164	LINDSAY PARK HOUSING	54 BOERUM ST	LTANKS	Higher	1139, North
T165	35 GRAHM AVE.	35 GRAHM AVE.	LTANKS, HIST LTANKS	Higher	1146, East
T166	CONSOLIDATED EDISON	64 GRAHAM AVE	MANIFEST	Higher	1151, ENE
T167	CON EDISON - MANHOLE	64 GRAHAM AVE	RCRA-LQG	Higher	1151, ENE
X168	ULTIMATE AUTO REPAIR	45 WALTON STREET	AST	Higher	1154, WSW
X169	AVALON INDUSTRIES IN	95 LORIMER ST	RCRA-NonGen, FINDS	Higher	1166, West
Y170	L.J.S.T. REALTY	45 COOK STREET	AST	Higher	1173, East
T171	30 FAMILY APT HOUSE	77 VARET ST	AST, HIST AST	Higher	1185, ENE
Y172	P S 257	60 COOK ST	AST, HIST AST, MANIFEST	Higher	1215, East
Y173	NYC BD OF ED - PUBLI	60 COOK ST	RCRA-CESQG, FINDS	Higher	1215, East
V174	MTA NYCT - FLUSHING	FLUSHING & UNION AVE	RCRA-CESQG, FINDS, MANIFEST, MANIFEST	Lower	1218, SW
Z175	SERVICE STATION	152 UNION AVE	RCRA-NonGen, FINDS	Higher	1240, NW
Z176	BP AMOCO SERVICE STA	152 UNION AVENUE	UST, HIST UST, NY Spills	Higher	1240, NW
177	HELEN LEVINE	73 GRAHAM AVE	AST, HIST AST	Higher	1243, ENE
178	NYNEX	18 BOERUM STREET	TANKS	Higher	1247, NNW
Z179	LINCOLN PROPERTIES D	531 BROADWAY	UST	Higher	1263, NW
Z180	DIME SAVINGS BANK. F	531 BROADWAY	HIST UST	Higher	1263, NW
Z181	LINCOLN PROPERTIES D	531 BROADWAY	AST	Higher	1263, NW
X182	429 MARCY AVENUE	429 MARCY AVENUE	UST	Lower	1265, WSW
X183	CGS BUILDER	MARCY AVE	RCRA-NonGen, MANIFEST	Lower	1272, WSW
X184	UNKNOWN RESIDENCE	420 MARCY AVE	LTANKS, MANIFEST, NY Spills	Lower	1275, WSW
X185	M.B.M. MFG.	70 LORIMER STREET	UST	Higher	1283, West
186	CONSTRUCTION SITE	5 WALTON AVE	LTANKS, HIST LTANKS	Lower	1548, WSW
AA187	ENGINE CO. 216/LADD.	187 UNION AVENUE	LTANKS, NY Spills, NY Hist Spills	Higher	1633, NW
AA188	187 UNION AVENUE / B	187 UNION AVE	HIST LTANKS	Higher	1633, NW
AB189	24 HUMBOLDT ST	24 HUMBOLDT ST	LTANKS, NY Spills, NY Hist Spills	Higher	1655, East
AB190	BUSHWICK HOUSES	24 HUMBOLDT STREET	HIST LTANKS, NY Hist Spills	Higher	1655, East
AC191	306 RUTLEDGE ST.	306 RUTLEDGE ST.	HIST LTANKS	Higher	1707, NW
192	APARTMENT BLDG	30 MONTROSE AV	HIST LTANKS, NY Spills	Higher	1720, NNW
AA193	JOHNSON AVE. & BROAD	JOHNSON AVE AND BROA	LTANKS, HIST LTANKS	Higher	1729, NW
AD194	UNITED STATES ARMORY	355 MARCY AVE	LTANKS, MANIFEST, NY Spills, NY Hist Spills	Higher	1771, West
AD195	ARMY NAT'L GUARD BUI	355 MARCY AVENUE	HIST LTANKS, NY Hist Spills	Higher	1771, West

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AE196	BORINQUEN PLAZA	110 HUMBOLDT STREET	LTANKS, HIST LTANKS, UST, HIST UST	Higher	1791, ENE
AC197	306 RUTLEDGE ST/BKLY	306 RUTLEDGE STREET	HIST LTANKS	Higher	1812, NW
AC198	BROOKLYN NORTH 3+3A	306 RUTLEDGE ST	HIST LTANKS	Higher	1812, NW
AC199	NYC DDC	306 RUTLEDGE ST	LTANKS, HIST LTANKS, NY Spills	Higher	1812, NW
AA200	211 UNION AVE. DIESE	211 UNION AVE	HIST LTANKS	Higher	1837, NNW
AE201	COOPER TANK & WELDIN	222-26 SIEGAL AVE	SWF/LF	Higher	1849, ENE
AE202	BORINQUEN PLAZA	120 HUMBOLDT STREET	LTANKS, HIST LTANKS, UST, HIST UST	Higher	1850, NE
AA203	90 PRECINCT NYPD -DD	209 UNION AVENUE	LTANKS, NY Spills, NY Hist Spills	Higher	1856, NNW
204	SLATTERY J B & BROS	171-187 WALLABOUT ST	CERC-NFRAP, RCRA-NonGen, FINDS, MANIFEST	Lower	1872, WSW
205		130 MOORE ST	LTANKS	Higher	1885, ENE
206	209 UNION AVENUE	209 UNION AVE - 90TH	LTANKS, HIST LTANKS	Higher	1896, NNW
AE207	VERINQUIN	130 HUMBOLT ST	HIST LTANKS	Higher	1914, NE
AE208	BORINQUEN PLAZA	130 HUMBOLDT STREET	LTANKS, NY Spills	Higher	1914, NE
AE209	BORINQUEN HOUSES	130 HUMBOLDT STREET	HIST LTANKS, UST, HIST UST	Higher	1914, NE
AE210	BORINQUEN HOUSES	155 SIEGEL STREET	LTANKS, HIST LTANKS	Higher	1931, ENE
AE211	BORINQUEN PLAZA	155 SIEGEL STREET	HIST LTANKS	Higher	1931, ENE
212	NOSTRAND AVE & FLUSH	NOSTRAND AVE & FLUSH	LTANKS, HIST LTANKS	Lower	2040, WSW
AF213	MARCIE HOUSES - BLDG	NOSTRAND AND PARK AV	LTANKS, HIST LTANKS	Higher	2162, SW
AF214	MARCY HOUSES	603 PARK AVE	LTANKS, HIST LTANKS, HIST AST	Higher	2162, SW
AG215	BORINQUEN HOUSES	330 BUSHWICK AVENUE	LTANKS, HIST LTANKS, UST, HIST UST, NY Spills	Higher	2229, ENE
AG216	BORINQUEN HOUSES	300 BUSHWICK AVENUE	LTANKS, HIST LTANKS, UST, HIST UST	Higher	2265, ENE
AG217	BORINQUEN HOUSE	300 BUSHWICK AVENUE	HIST LTANKS	Higher	2265, ENE
AG218	BORINQUEN PLAZA	300 BUSHWICK AVENUE	HIST LTANKS	Higher	2265, ENE
AH219	BORDEN CHEMICAL	56 NOSTRAND AVE.	HSWDS	Higher	2269, SW
AH220	BORDEN CHEMICAL ADHE	56 NOSTRAND AVE	CERC-NFRAP, RCRA-NonGen, FINDS	Higher	2269, SW
221	TOMPKINS HOUSES	921 MYRTLE AVENUE	HIST LTANKS	Higher	2312, South
222	BUSHWICK	372 BUSHWICK AVE	HIST LTANKS	Higher	2318, ENE
223	204 WALLABOUT /NEW E	204 WALLABOUT	LTANKS, HIST LTANKS	Lower	2319, WSW
224	GONZALEZ RESIDENCE	29 BEAVER ST	LTANKS	Higher	2360, ESE
225	30 WARSOFF PLACE/BKL	30 WARSOFF PLACE	LTANKS, HIST LTANKS	Higher	2365, WSW
226	TECHTRONICS ECOLOGIC	8 WALWORTH ST	CORRACTS, RCRA-NonGen, FINDS, MANIFEST	Higher	2487, WSW
227	BEDFORD AUTO SALES	984 MYRTLE AVE	SWF/LF	Higher	2524, SSE
228	GULF STATION 70227 T	189 PENN. AVE	LTANKS	Higher	2529, WNW
AI229	WILLIAMSBURGH HOUSES	125 STAGG WALK	HIST LTANKS, UST, HIST UST, AST, HIST AST	Higher	2544, North
AI230	WILLIAMSBURGH HOUSES	211 STAGGWALK	HIST LTANKS	Higher	2544, North
AI231	WILLIAMSBURG HOUSES	125 STAGG WALK	LTANKS, HIST LTANKS, NY Spills, NY Hist Spills	Higher	2544, North
232	SKILLMAN STATION	SKILLMAN ST. FLUSHIN	Manufactured Gas Plants	Higher	3285, WSW
233	NASSAU GAS	SKILLMAN AVE	Manufactured Gas Plants	Higher	3383, WSW
234	RUTLEDGE STATION	RUTLEDGE ST. WYTHE A	Manufactured Gas Plants	Higher	3984, WSW

MAPPED SITES SUMMARY

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BROOKLYN, NY 11206

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
235	SCHOLES ST. STATION	SCHOLES ST 7 BOGART	Manufactured Gas Plants	Higher	4219, NE
236	KEAP ST. STATION	KEAP ST. WYTHE AVE.	Manufactured Gas Plants	Higher	4394, West
237	BQE/ANSBACHER COLOR	MEEKER AVENUE	SHWS	Higher	4758, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

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: 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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BORDEN CHEMICAL ADHE	***56 NOSTRAND AVE***	***SW 1/4 - 1/2 (0.430 mi.)***	***AH220***	***49***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SLATTERY J B & BROS	***171-187 WALLABOUT ST***	***WSW 1/4 - 1/2 (0.355 mi.)***	***204***	***45***

Federal RCRA CORRACTS facilities list

CORRACTS: 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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC	***11 BARTLETT ST***	***SSW 1/8 - 1/4 (0.129 mi.)***	***L117***	***27***
TECHTRONICS ECOLOGIC	***8 WALWORTH ST***	***WSW 1/4 - 1/2 (0.471 mi.)***	***226***	***50***

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG: A review of the RCRA-LQG list, as provided by EDR, and dated 11/10/2011 has revealed that there are 4 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE	662 BROADWAY	E 0 - 1/8 (0.098 mi.)	J94	23
PFIZER INC	***11 BARTLETT ST***	***SSW 1/8 - 1/4 (0.129 mi.)***	***L117***	***27***
PFIZER INC. BROOKLYN	***630 FLUSHING AVENUE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L133***	***30***
CON EDISON - MANHOLE	64 GRAHAM AVE	ENE 1/8 - 1/4 (0.218 mi.)	T167	37

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 11/10/2011 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAIS RUCHEL HIGH SCH	177 HARRISON AVE	SW 0 - 1/8 (0.095 mi.)	G88	22
ARLINGTON PRESS-191	***191 HARRISON AVE***	***SSW 0 - 1/8 (0.099 mi.)***	***I97***	***23***
NYCT - BROADWAY-LORI	143 LORIMER ST	WNW 1/8 - 1/4 (0.148 mi.)	P127	28

RCRA-CESQG: A review of the RCRA-CESQG list, as provided by EDR, and dated 11/10/2011 has revealed that there are 7 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC BROOKLYN	***73 GERRY ST***	***SSW 0 - 1/8 (0.057 mi.)***	***B46***	***14***
CON EDISON	WHIPPLE ST & FLUSHIN	SSE 1/8 - 1/4 (0.132 mi.)	M119	27
CON EDISON	LORIMER ST & BROADWA	NNW 1/8 - 1/4 (0.135 mi.)	N123	28
CAS DEVELOPERS LLC	70 UNION AVE	W 1/8 - 1/4 (0.172 mi.)	R139	31
MARS CLEANERS	***80 MANHATTAN AVE***	***NNE 1/8 - 1/4 (0.213 mi.)***	***W160***	***36***
NYC BD OF ED - PUBLI	***60 COOK ST***	***E 1/8 - 1/4 (0.230 mi.)***	***Y173***	***38***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MTA NYCT - FLUSHING	***FLUSHING & UNION AVE***	***SW 1/8 - 1/4 (0.231 mi.)***	***V174***	***38***

State- and tribal - equivalent CERCLIS

SHWS: A review of the SHWS list, as provided by EDR, and dated 02/22/2012 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BQE/ANSBACHER COLOR	MEEKER AVENUE	NNW 1/2 - 1 (0.901 mi.)	237	52

Class Code: Does not present a significant threat to the public health or the environment - action may be deferred.

EXECUTIVE SUMMARY

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

SWF/LF: A review of the SWF/LF list, as provided by EDR, and dated 01/11/2012 has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COOPER TANK & WELDIN	222-26 SIEGAL AVE	ENE 1/4 - 1/2 (0.350 mi.)	AE201	44
BEDFORD AUTO SALES	984 MYRTLE AVE	SSE 1/4 - 1/2 (0.478 mi.)	227	50

State and tribal leaking storage tank lists

LTANKS: A review of the LTANKS list, as provided by EDR, and dated 02/22/2012 has revealed that there are 30 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC/GERRY ST Date Closed: 6/22/1992	***PFIZER INC/GERRY ST***	***SSW 0 - 1/8 (0.057 mi.)***	***B45***	***14***
CLOSED-LACKOF RECENT Date Closed: 3/4/2003	***113 THROOP AVE***	***SE 1/8 - 1/4 (0.136 mi.)***	***O125***	***28***
255 WALLABOUT ST/PFI Date Closed: 11/14/2006	***255 WALLABOUT STREET***	***WSW 1/8 - 1/4 (0.150 mi.)***	***Q129***	***29***
TEXECO STATION Date Closed: 3/31/2006	***630 FLUSHING AVE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L134***	***30***
LINDSAY PARK HOUSING Date Closed: 10/27/2010	54 BOERUM ST	N 1/8 - 1/4 (0.216 mi.)	164	36
35 GRAHM AVE. Date Closed: 5/19/1993	***35 GRAHM AVE.***	***E 1/8 - 1/4 (0.217 mi.)***	***T165***	***37***
ENGINE CO. 216/LADD. Date Closed: 1/13/2005	***187 UNION AVENUE***	***NW 1/4 - 1/2 (0.309 mi.)***	***AA187***	***41***
24 HUMBOLDT ST Date Closed: 11/2/2005	***24 HUMBOLDT ST***	***E 1/4 - 1/2 (0.313 mi.)***	***AB189***	***41***
JOHNSON AVE. & BROAD Date Closed: 8/13/1993	***JOHNSON AVE AND BROA***	***NW 1/4 - 1/2 (0.327 mi.)***	***AA193***	***42***
UNITED STATES ARMORY Date Closed: 10/7/1992	***355 MARCY AVE***	***W 1/4 - 1/2 (0.335 mi.)***	***AD194***	***43***
BORINQUEN PLAZA Date Closed: 11/10/2010	***110 HUMBOLDT STREET***	***ENE 1/4 - 1/2 (0.339 mi.)***	***AE196***	***43***
NYC DDC Date Closed: 3/2/2005 Date Closed: 3/2/2005 **Additional key fields are available in the Map Findings section*	***306 RUTLEDGE ST***	***NW 1/4 - 1/2 (0.343 mi.)***	***AC199***	***44***
BORINQUEN PLAZA Date Closed: 10/28/2010	***120 HUMBOLDT STREET***	***NE 1/4 - 1/2 (0.350 mi.)***	***AE202***	***44***
90 PRECINCT NYPD -DD Date Closed: 1/10/2005	***209 UNION AVENUE***	***NNW 1/4 - 1/2 (0.352 mi.)***	***AA203***	***45***
Not reported Date Closed: 7/2/2003	130 MOORE ST	ENE 1/4 - 1/2 (0.357 mi.)	205	45

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
209 UNION AVENUE	***209 UNION AVE - 90TH***	***NNW 1/4 - 1/2 (0.359 mi.)***	***206***	***45***
Date Closed: 5/18/1995				
BORINQUEN PLAZA	***130 HUMBOLDT STREET***	***NE 1/4 - 1/2 (0.363 mi.)***	***AE208***	***46***
Date Closed: 1/8/2004				
Date Closed: 1/8/2004				
BORINQUEN HOUSES	***155 SIEGEL STREET***	***ENE 1/4 - 1/2 (0.366 mi.)***	***AE210***	***46***
Date Closed: 1/12/1998				
Date Closed: 7/12/2010				
MARCIE HOUSES - BLDG	***NOSTRAND AND PARK AV***	***SW 1/4 - 1/2 (0.409 mi.)***	***AF213***	***47***
Date Closed: 12/9/2003				
MARCY HOUSES	***603 PARK AVE***	***SW 1/4 - 1/2 (0.409 mi.)***	***AF214***	***47***
Date Closed: 12/11/2007				
Date Closed: 12/9/2005				
**Additional key fields are available in the Map Findings section*				
BORINQUEN HOUSES	***330 BUSHWICK AVENUE***	***ENE 1/4 - 1/2 (0.422 mi.)***	***AG215***	***48***
Date Closed: 12/9/2005				
BORINQUEN HOUSES	***300 BUSHWICK AVENUE***	***ENE 1/4 - 1/2 (0.429 mi.)***	***AG216***	***48***
Date Closed: 2/2/1998				
Date Closed: 1/13/1998				
**Additional key fields are available in the Map Findings section*				
GONZALEZ RESIDENCE	29 BEAVER ST	ESE 1/4 - 1/2 (0.447 mi.)	224	50
Date Closed: 3/21/2006				
30 WARSOFF PLACE/BKL	***30 WARSOFF PLACE***	***WSW 1/4 - 1/2 (0.448 mi.)***	***225***	***50***
Date Closed: 9/30/1992				
GULF STATION 70227 T	189 PENN. AVE	WNW 1/4 - 1/2 (0.479 mi.)	228	51
WILLIAMSBURG HOUSES	***125 STAGG WALK***	***N 1/4 - 1/2 (0.482 mi.)***	***AI231***	***51***
Date Closed: 3/29/1999				
Date Closed: 1/8/2004				
**Additional key fields are available in the Map Findings section*				

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNKNOWN RESIDENCE	***420 MARCY AVE***	***WSW 1/8 - 1/4 (0.241 mi.)***	***X184***	***40***
Date Closed: 11/4/2005				
CONSTRUCTION SITE	***5 WALTON AVE***	***WSW 1/4 - 1/2 (0.293 mi.)***	***186***	***41***
Date Closed: 3/7/2003				
NOSTRAND AVE & FLUSH	***NOSTRAND AVE & FLUSH***	***WSW 1/4 - 1/2 (0.386 mi.)***	***212***	***47***
Date Closed: 11/8/1993				
204 WALLABOUT /NEW E	***204 WALLABOUT***	***WSW 1/4 - 1/2 (0.439 mi.)***	***223***	***50***
Date Closed: 3/5/2003				

HIST LTANKS: A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 39 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC/GERRY ST	***PFIZER INC/GERRY ST***	***SSW 0 - 1/8 (0.057 mi.)***	***B45***	***14***
Date Closed: 06/22/92				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITGO/ 594 BROADWAY Date Closed: / /	***594 BROADWAY***	***N 0 - 1/8 (0.088 mi.)***	***F80***	***20***
CLOSED-LACKOF RECENT Date Closed: / /	***113 THROOP AVE***	***SE 1/8 - 1/4 (0.136 mi.)***	***O125***	***28***
255 WALLABOUT ST/PFI Date Closed: / /	***255 WALLABOUT STREET***	***WSW 1/8 - 1/4 (0.150 mi.)***	***Q129***	***29***
TEXECO STATION Date Closed: / /	***630 FLUSHING AVE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L134***	***30***
630 FLUSHING AVE Date Closed: / /	***630 FLUSHING AVE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L135***	***30***
35 GRAHM AVE. Date Closed: 05/19/93	***35 GRAHM AVE.***	***E 1/8 - 1/4 (0.217 mi.)***	***T165***	***37***
187 UNION AVENUE / B Date Closed: / /	187 UNION AVE	NW 1/4 - 1/2 (0.309 mi.)	AA188	41
BUSHWICK HOUSES Date Closed: / /	***24 HUMBOLDT STREET***	***E 1/4 - 1/2 (0.313 mi.)***	***AB190***	***42***
306 RUTLEDGE ST. Date Closed: / /	306 RUTLEDGE ST.	NW 1/4 - 1/2 (0.323 mi.)	AC191	42
APARTMENT BLDG Date Closed: / /	***30 MONTROSE AV***	***NNW 1/4 - 1/2 (0.326 mi.)***	***192***	***42***
JOHNSON AVE. & BROAD Date Closed: 08/13/93	***JOHNSON AVE AND BROA***	***NW 1/4 - 1/2 (0.327 mi.)***	***AA193***	***42***
ARMY NAT'L GUARD BUI Date Closed: 10/07/92	***355 MARCY AVENUE***	***W 1/4 - 1/2 (0.335 mi.)***	***AD195***	***43***
BORINQUEN PLAZA Date Closed: / /	***110 HUMBOLDT STREET***	***ENE 1/4 - 1/2 (0.339 mi.)***	***AE196***	***43***
306 RUTLEDGE ST/BKLY Date Closed: / /	306 RUTLEDGE STREET	NW 1/4 - 1/2 (0.343 mi.)	AC197	43
BROOKLYN NORTH 3+3A Date Closed: / /	306 RUTLEDGE ST	NW 1/4 - 1/2 (0.343 mi.)	AC198	44
NYC DDC Date Closed: / /	***306 RUTLEDGE ST***	***NW 1/4 - 1/2 (0.343 mi.)***	***AC199***	***44***
211 UNION AVE. DIESE Date Closed: / /	211 UNION AVE	NNW 1/4 - 1/2 (0.348 mi.)	AA200	44
BORINQUEN PLAZA Date Closed: / /	***120 HUMBOLDT STREET***	***NE 1/4 - 1/2 (0.350 mi.)***	***AE202***	***44***
209 UNION AVENUE Date Closed: 05/18/95	***209 UNION AVE - 90TH***	***NNW 1/4 - 1/2 (0.359 mi.)***	***206***	***45***
VERINQUIN Date Closed: / /	130 HUMBOLT ST	NE 1/4 - 1/2 (0.363 mi.)	AE207	46
BORINQUEN HOUSES Date Closed: / /	***130 HUMBOLDT STREET***	***NE 1/4 - 1/2 (0.363 mi.)***	***AE209***	***46***
BORINQUEN HOUSES Date Closed: / /	***155 SIEGEL STREET***	***ENE 1/4 - 1/2 (0.366 mi.)***	***AE210***	***46***
BORINQUEN PLAZA Date Closed: 01/12/98	155 SIEGEL STREET	ENE 1/4 - 1/2 (0.366 mi.)	AE211	47

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MARCIE HOUSES - BLDG Date Closed: / /	***NOSTRAND AND PARK AV***	***SW 1/4 - 1/2 (0.409 mi.)***	***AF213***	***47***
MARCY HOUSES Date Closed: / / Date Closed: / / **Additional key fields are available in the Map Findings section*	***603 PARK AVE***	***SW 1/4 - 1/2 (0.409 mi.)***	***AF214***	***47***
BORINQUEN HOUSES Date Closed: / / Date Closed: / /	***330 BUSHWICK AVENUE***	***ENE 1/4 - 1/2 (0.422 mi.)***	***AG215***	***48***
BORINQUEN HOUSES Date Closed: 02/02/98	***300 BUSHWICK AVENUE***	***ENE 1/4 - 1/2 (0.429 mi.)***	***AG216***	***48***
BORINQUEN HOUSE Date Closed: / /	300 BUSHWICK AVENUE	ENE 1/4 - 1/2 (0.429 mi.)	AG217	48
BORINQUEN PLAZA Date Closed: 01/13/98	300 BUSHWICK AVENUE	ENE 1/4 - 1/2 (0.429 mi.)	AG218	49
TOMPKINS HOUSES Date Closed: / /	921 MYRTLE AVENUE	S 1/4 - 1/2 (0.438 mi.)	221	49
BUSHWICK Date Closed: / /	372 BUSHWICK AVE	ENE 1/4 - 1/2 (0.439 mi.)	222	49
30 WARSOFF PLACE/BKL Date Closed: 09/30/92	***30 WARSOFF PLACE***	***WSW 1/4 - 1/2 (0.448 mi.)***	***225***	***50***
WILLIAMSBURGH HOUSES Date Closed: / /	***125 STAGG WALK***	***N 1/4 - 1/2 (0.482 mi.)***	***AI229***	***51***
WILLIAMSBURGH HOUSES Date Closed: / /	211 STAGGWALK	N 1/4 - 1/2 (0.482 mi.)	AI230	51
WILLIAMSBURG HOUSES Date Closed: / / Date Closed: / / **Additional key fields are available in the Map Findings section*	***125 STAGG WALK***	***N 1/4 - 1/2 (0.482 mi.)***	***AI231***	***51***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONSTRUCTION SITE Date Closed: / /	***5 WALTON AVE***	***WSW 1/4 - 1/2 (0.293 mi.)***	***186***	***41***
NOSTRAND AVE & FLUSH Date Closed: 11/08/93	***NOSTRAND AVE & FLUSH***	***WSW 1/4 - 1/2 (0.386 mi.)***	***212***	***47***
204 WALLABOUT /NEW E Date Closed: / /	***204 WALLABOUT***	***WSW 1/4 - 1/2 (0.439 mi.)***	***223***	***50***

State and tribal registered storage tank lists

TANKS: A review of the TANKS list, as provided by EDR, and dated 01/03/2012 has revealed that there is 1 TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYNEX	18 BOERUM STREET	NNW 1/8 - 1/4 (0.236 mi.)	178	39

EXECUTIVE SUMMARY

UST: A review of the UST list, as provided by EDR, and dated 01/03/2012 has revealed that there are 23 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC. BROOKLYN	***80 GERRY STREET***	***SSW 0 - 1/8 (0.025 mi.)***	***B15***	***9***
307 WALLABOUNT STREE	***307 WALLABOUT STREET***	***W 0 - 1/8 (0.032 mi.)***	***C26***	***11***
THROOP AVENUE / BART	***THROOP AVENUE / BART***	***SE 0 - 1/8 (0.064 mi.)***	***E57***	***16***
2001 HIGH TECH AUTO	30 BARTLETT STREET	S 0 - 1/8 (0.085 mi.)	H78	20
SUSION DEVELPORS LLC	***594 BROADWAY***	***N 0 - 1/8 (0.088 mi.)***	***F82***	***21***
HOO CORP	94 WALLTON STREET	WNW 0 - 1/8 (0.093 mi.)	K86	21
LINDSAY PARK HOUSING	***31 LEONARD STREET***	***NNE 1/8 - 1/4 (0.134 mi.)***	***121***	***27***
BP AMOCO SERVICE STA	***655 FLUSHING AVENUE***	***S 1/8 - 1/4 (0.135 mi.)***	***L124***	***28***
ALL SAINTS R C CHURC	***115 THROOP AVE***	***SE 1/8 - 1/4 (0.138 mi.)***	***O126***	***28***
PFIZER INC	630 FLUSHING AVENUE	SSW 1/8 - 1/4 (0.157 mi.)	L136	31
709-715 FLUSHING AVE	709-715 FLUSHING AVE	SE 1/8 - 1/4 (0.171 mi.)	O138	31
70 UNION AVENUE	70 UNION AVENUE	W 1/8 - 1/4 (0.172 mi.)	R140	32
EMS BATT 57 @ WOODHU	131 THROOP AVE	SE 1/8 - 1/4 (0.181 mi.)	O144	32
COOK STREET HOUSING	40 VARET STREET	ENE 1/8 - 1/4 (0.189 mi.)	T145	33
EMS @ WOODHULL HOSPI	***720 FLUSHING AVE***	***SE 1/8 - 1/4 (0.190 mi.)***	***146***	***33***
GEORGE ROYH	***116 UNION AVENUE***	***WNW 1/8 - 1/4 (0.191 mi.)***	***P147***	***33***
LINDSAY PARK HOUSING	***67 MANHATTAN AVENUE***	***NE 1/8 - 1/4 (0.194 mi.)***	***S149***	***34***
KNIGHTS COLLISION &	120 UNION AVENUE	WNW 1/8 - 1/4 (0.195 mi.)	U152	34
ANTONIA GONSALIS	***118-120 HARRISON AVE***	***WNW 1/8 - 1/4 (0.213 mi.)***	***U161***	***36***
BP AMOCO SERVICE STA	***152 UNION AVENUE***	***NW 1/8 - 1/4 (0.235 mi.)***	***Z176***	***39***
LINCOLN PROPERTIES D	531 BROADWAY	NW 1/8 - 1/4 (0.239 mi.)	Z179	39
M.B.M. MFG.	70 LORIMER STREET	W 1/8 - 1/4 (0.243 mi.)	X185	41

Lower Elevation	Address	Direction / Distance	Map ID	Page
429 MARCY AVENUE	429 MARCY AVENUE	WSW 1/8 - 1/4 (0.240 mi.)	X182	40

AST: A review of the AST list, as provided by EDR, and dated 01/03/2012 has revealed that there are 11 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MAGIC AUTO REPAIR SH	398 WALLABOUT STREET	WNW 0 - 1/8 (0.028 mi.)	A18	9
SOSA DIAGNOSTIC REPA	620 BROADWAY	NNE 0 - 1/8 (0.056 mi.)	D42	13
I.S. 318	***101 WALTON STREET***	***W 0 - 1/8 (0.107 mi.)***	***K103***	***24***
TEXECO STATION	***630 FLUSHING AVE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L134***	***30***
GRAYCO CORP.	29 COOK STREET	E 1/8 - 1/4 (0.199 mi.)	T155	35
ULTIMATE AUTO REPAIR	45 WALTON STREET	WSW 1/8 - 1/4 (0.219 mi.)	X168	37
L.J.S.T. REALTY	45 COOK STREET	E 1/8 - 1/4 (0.222 mi.)	Y170	38
30 FAMILY APT HOUSE	***77 VARET ST***	***ENE 1/8 - 1/4 (0.224 mi.)***	***T171***	***38***
P S 257	***60 COOK ST***	***E 1/8 - 1/4 (0.230 mi.)***	***Y172***	***38***
HELEN LEVINE	***73 GRAHAM AVE***	***ENE 1/8 - 1/4 (0.235 mi.)***	***177***	***39***
LINCOLN PROPERTIES D	531 BROADWAY	NW 1/8 - 1/4 (0.239 mi.)	Z181	40

CBS AST: A review of the CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 CBS AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
630 FLUSHING AVE	***630 FLUSHING AVE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L135***	***30***

CBS: A review of the CBS list, as provided by EDR, and dated 01/03/2012 has revealed that there is 1 CBS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEXECO STATION	***630 FLUSHING AVE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L134***	***30***

State and tribal voluntary cleanup sites

VCP: A review of the VCP list, as provided by EDR, and dated 02/22/2012 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PFIZER SITES B AND D	59-71 GERRY ST. AND	SSW 0 - 1/8 (0.057 mi.)	B44	14
TEXECO STATION	***630 FLUSHING AVE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L134***	***30***

Lower Elevation	Address	Direction / Distance	Map ID	Page
PFIZER (ORGANICS/SUC	CENTRAL PORTION OF P	SSW 1/8 - 1/4 (0.175 mi.)	141	32

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 14 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PFIZER INC. BROOKLYN	***80 GERRY STREET***	***SSW 0 - 1/8 (0.025 mi.)***	***B15***	***9***
307 WALLABOUNT STREE	***307 WALLABOUT STREET***	***W 0 - 1/8 (0.032 mi.)***	***C26***	***11***
THROOP AVENUE / BART	***THROOP AVENUE / BART***	***SE 0 - 1/8 (0.064 mi.)***	***E57***	***16***
SUSION DEVELPORS LLC	***594 BROADWAY***	***N 0 - 1/8 (0.088 mi.)***	***F82***	***21***
LINDSAY PARK HOUSING	***31 LEONARD STREET***	***NNE 1/8 - 1/4 (0.134 mi.)***	***121***	***27***
BP AMOCO SERVICE STA	***655 FLUSHING AVENUE***	***S 1/8 - 1/4 (0.135 mi.)***	***L124***	***28***
ALL SAINTS R C CHURC	***115 THROOP AVE***	***SE 1/8 - 1/4 (0.138 mi.)***	***O126***	***28***
TEXECO STATION	***630 FLUSHING AVE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L134***	***30***
EMS @ WOODHULL HOSPI	***720 FLUSHING AVE***	***SE 1/8 - 1/4 (0.190 mi.)***	***146***	***33***
GEORGE ROYH	***116 UNION AVENUE***	***WNW 1/8 - 1/4 (0.191 mi.)***	***P147***	***33***
LINDSAY PARK HOUSING	***67 MANHATTAN AVENUE***	***NE 1/8 - 1/4 (0.194 mi.)***	***S149***	***34***
ANTONIA GONSALIS	***118-120 HARRISON AVE***	***WNW 1/8 - 1/4 (0.213 mi.)***	***U161***	***36***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BP AMOCO SERVICE STA	***152 UNION AVENUE***	***NW 1/8 - 1/4 (0.235 mi.)***	***Z176***	***39***
DIME SAVINGS BANK. F	531 BROADWAY	NW 1/8 - 1/4 (0.239 mi.)	Z180	40

Records of Emergency Release Reports

NY Spills: A review of the NY Spills list, as provided by EDR, and dated 02/22/2012 has revealed that there are 15 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ON GROUND Date Closed: 6/26/2008	90-92 GERRY STREET	SSE 0 - 1/8 (0.014 mi.)	A7	8
398 WALLABOUT STREET Date Closed: 1/28/2005	***398 WALLABOUT ST***	***WNW 0 - 1/8 (0.028 mi.)***	***A19***	***10***
EMPTY LOT Date Closed: 2/2/2000 Date Closed: 11/14/2006	***73-87 GERRY STREET***	***SSW 0 - 1/8 (0.057 mi.)***	***B43***	***14***
DRUM RUN Date Closed: 5/5/2010	CORNER THROOP AVE AN	SE 0 - 1/8 (0.064 mi.)	E55	16
BROADWAY TRIANGLE Date Closed: 6/28/1999	***THROOP AVE / BARTLET***	***SE 0 - 1/8 (0.064 mi.)***	***E56***	***16***
APARTMENT BUILDING Date Closed: 12/14/2009	***613 BROADWAY***	***N 0 - 1/8 (0.067 mi.)***	***D62***	***17***
SERVICE BOX # 7967 Date Closed: 9/28/2005	285 WALLABOUT ST	WSW 0 - 1/8 (0.070 mi.)	G63	17
JUNKYARD Date Closed: 1/17/2002	650 BROADWAY	E 0 - 1/8 (0.078 mi.)	J71	19
VAULT 3871 Date Closed: 4/3/2002	***MOORE AND LEONARD ST***	***NNE 0 - 1/8 (0.079 mi.)***	***D74***	***19***
CITGO/ 594 BROADWAY	***594 BROADWAY***	***N 0 - 1/8 (0.088 mi.)***	***F80***	***20***
DRUM RUN Date Closed: 8/9/2007	BROADWAY & WALTON ST	N 0 - 1/8 (0.090 mi.)	F84	21
MANHOLE 1144 Date Closed: 7/18/2003	GERRY ST/HARRISON AV	SW 0 - 1/8 (0.097 mi.)	I92	22
29 BARTLETT STREET Date Closed: 8/24/1995	***29 BARTLETT STREET***	***S 0 - 1/8 (0.100 mi.)***	***H98***	***23***
MANHOLE 468 Date Closed: 10/25/2001	***WALLABOUT ST/HARRISO***	***WSW 0 - 1/8 (0.100 mi.)***	***G99***	***24***
BARTLETT ST & HARRIS Date Closed: 5/16/2003	BARTLETT STREET/HARR	SSW 0 - 1/8 (0.116 mi.)	L108	25

EXECUTIVE SUMMARY

NY Hist Spills: A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 9 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
398 WALLABOUT STREET	***398 WALLABOUT ST***	***WNW 0 - 1/8 (0.028 mi.)***	***A19***	***10***
EMPTY LOT	***73-87 GERRY STREET***	***SSW 0 - 1/8 (0.057 mi.)***	***B43***	***14***
EMPTY LOT	73-87 GERRY STREET	SSW 0 - 1/8 (0.057 mi.)	B48	15
BROADWAY TRIANGLE	***THROOP AVE / BARTLET***	***SE 0 - 1/8 (0.064 mi.)***	***E56***	***16***
APARTMENT BUILDING	***613 BROADWAY***	***N 0 - 1/8 (0.067 mi.)***	***D62***	***17***
SERVICE BOX 15648	650 BROADWAY	E 0 - 1/8 (0.078 mi.)	J70	19
VAULT 3871	***MOORE AND LEONARD ST***	***NNE 0 - 1/8 (0.079 mi.)***	***D74***	***19***
29 BARTLETT STREET	***29 BARTLETT STREET***	***S 0 - 1/8 (0.100 mi.)***	***H98***	***23***
MANHOLE 468	***WALLABOUT ST/HARRISO***	***WSW 0 - 1/8 (0.100 mi.)***	***G99***	***24***

Other Ascertainable Records

RCRA-NonGen: A review of the RCRA-NonGen list, as provided by EDR, and dated 11/10/2011 has revealed that there are 20 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VARTEX INSTRUMENT CO	***311 WALLABOUT ST***	***WNW 0 - 1/8 (0.030 mi.)***	***A22***	***10***
RICHARDS AUTO REPAIR	***594 BROADWAY***	***N 0 - 1/8 (0.088 mi.)***	***F81***	***21***
CON ED - MH 485	***GERRY ST & HARRISON***	***SW 0 - 1/8 (0.097 mi.)***	***I91***	***22***
V4821	***48 GERRY STREET***	***SW 0 - 1/8 (0.100 mi.)***	***I100***	***24***
IS 318	***101 WALTON ST***	***W 0 - 1/8 (0.107 mi.)***	***K104***	***24***
HARRISON DRY CLEANER	***209 HARRISON AVENUE***	***SSW 0 - 1/8 (0.116 mi.)***	***L111***	***26***
CON EDISON - TM 135	***THROOP AVE & LORIMER***	***NNW 1/8 - 1/4 (0.131 mi.)***	***N118***	***27***
MTA NYCT - LORIMER S	***LORIMER ST & BROADWA***	***NNW 1/8 - 1/4 (0.135 mi.)***	***N122***	***27***
PFIZER INC BROOKLYN	***338 WALLABOUT ST***	***WSW 1/8 - 1/4 (0.150 mi.)***	***Q130***	***29***
NYCTA - 22 THROOP AV	***22 THROOP AVE***	***NW 1/8 - 1/4 (0.165 mi.)***	***N137***	***31***
CON ED - VS 5285	***SEIGAL ST & MANHATTA***	***NE 1/8 - 1/4 (0.175 mi.)***	***S143***	***32***
CON EDISON - 67 MANH	***67 MANHATTAN AVE***	***NE 1/8 - 1/4 (0.195 mi.)***	***S150***	***34***
KNIGHTS COLLISION EX	120 UNION AVE	WNW 1/8 - 1/4 (0.195 mi.)	U151	34
CON EDISON - VS 231	***93 HOPKINS ST***	***SSW 1/8 - 1/4 (0.202 mi.)***	***156***	***35***
AVALON INDUSTRIES IN	***95 LORIMER ST***	***W 1/8 - 1/4 (0.221 mi.)***	***X169***	***37***
SERVICE STATION	***152 UNION AVE***	***NW 1/8 - 1/4 (0.235 mi.)***	***Z175***	***38***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TM2554	***322 WALLABOUT STREET***	***WSW 1/8 - 1/4 (0.196 mi.)***	***Q154***	***35***
V1821	***2 GERRY STREET***	***SW 1/8 - 1/4 (0.213 mi.)***	***V162***	***36***
V2107	***2-48 GERRY***	***SW 1/8 - 1/4 (0.213 mi.)***	***V163***	***36***
CGS BUILDER	***MARCY AVE***	***WSW 1/8 - 1/4 (0.241 mi.)***	***X183***	***40***

EXECUTIVE SUMMARY

HSWDS: 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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BORDEN CHEMICAL	56 NOSTRAND AVE.	SW 1/4 - 1/2 (0.430 mi.)	AH219	49

MANIFEST: A review of the MANIFEST list, as provided by EDR, and dated 01/10/2012 has revealed that there are 32 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VARTEX INSTRUMENT CO	***311 WALLABOUT ST***	***WNW 0 - 1/8 (0.030 mi.)***	***A22***	***10***
PFIZER INC BROOKLYN	***73 GERRY ST***	***SSW 0 - 1/8 (0.057 mi.)***	***B46***	***14***
BAIS RUCHEL HIGH SCH	177 HARRISON AVE	SW 0 - 1/8 (0.095 mi.)	G89	22
CON ED - MH 485	***GERRY ST & HARRISON***	***SW 0 - 1/8 (0.097 mi.)***	***I91***	***22***
CONSOLIDATED EDISON	662 BROADWAY	E 0 - 1/8 (0.098 mi.)	J93	23
ARLINGTON PRESS-191	***191 HARRISON AVE***	***SSW 0 - 1/8 (0.099 mi.)***	***I97***	***23***
V4821	***48 GERRY STREET***	***SW 0 - 1/8 (0.100 mi.)***	***I100***	***24***
IS 318	***101 WALTON ST***	***W 0 - 1/8 (0.107 mi.)***	***K104***	***24***
HARRISON DRY CLEANER	***209 HARRISON AVENUE***	***SSW 0 - 1/8 (0.116 mi.)***	***L111***	***26***
PFIZER INC	***11 BARTLETT ST***	***SSW 1/8 - 1/4 (0.129 mi.)***	***L117***	***27***
CON EDISON - TM 135	***THROOP AVE & LORIMER***	***NNW 1/8 - 1/4 (0.131 mi.)***	***N118***	***27***
MTA NYCT - LORIMER S	***LORIMER ST & BROADWA***	***NNW 1/8 - 1/4 (0.135 mi.)***	***N122***	***27***
NYCT - BROADWAY-LORI	143 LORIMER ST	WNW 1/8 - 1/4 (0.148 mi.)	P128	29
PFIZER INC BROOKLYN	***338 WALLABOUT ST***	***WSW 1/8 - 1/4 (0.150 mi.)***	***Q130***	***29***
HYDRO TECH	70 UNION AVENUE	W 1/8 - 1/4 (0.152 mi.)	R131	29
TEXECO STATION	***630 FLUSHING AVE***	***SSW 1/8 - 1/4 (0.157 mi.)***	***L134***	***30***
NYCTA - 22 THROOP AV	***22 THROOP AVE***	***NW 1/8 - 1/4 (0.165 mi.)***	***N137***	***31***
CON ED-V5285	SEIGAL ST & MANHATTA	NE 1/8 - 1/4 (0.175 mi.)	S142	32
CON ED - VS 5285	***SEIGAL ST & MANHATTA***	***NE 1/8 - 1/4 (0.175 mi.)***	***S143***	***32***
67 MANHATTAN AVE	***67 MANHATTAN AVE***	***NE 1/8 - 1/4 (0.194 mi.)***	***S148***	***33***
KNIGHTS COLLISION EX	***120 UNION AVE***	***WNW 1/8 - 1/4 (0.195 mi.)***	***U153***	***34***
CON EDISON - VS 231	***93 HOPKINS ST***	***SSW 1/8 - 1/4 (0.202 mi.)***	***156***	***35***
CONSOLIDATED EDISON	MIDDLETON & HARRISON	WNW 1/8 - 1/4 (0.206 mi.)	U157	35
MARS CLEANERS	***80 MANHATTAN AVE***	***NNE 1/8 - 1/4 (0.213 mi.)***	***W160***	***36***
CONSOLIDATED EDISON	64 GRAHAM AVE	ENE 1/8 - 1/4 (0.218 mi.)	T166	37
P S 257	***60 COOK ST***	***E 1/8 - 1/4 (0.230 mi.)***	***Y172***	***38***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TM2554	***322 WALLABOUT STREET***	***WSW 1/8 - 1/4 (0.196 mi.)***	***Q154***	***35***
CONSOLIDATED EDISON	MH611-104 FLUSHING A	SW 1/8 - 1/4 (0.212 mi.)	V158	35
V1821	***2 GERRY STREET***	***SW 1/8 - 1/4 (0.213 mi.)***	***V162***	***36***
V2107	***2-48 GERRY***	***SW 1/8 - 1/4 (0.213 mi.)***	***V163***	***36***
MTA NYCT - FLUSHING	***FLUSHING & UNION AVE***	***SW 1/8 - 1/4 (0.231 mi.)***	***V174***	***38***
UNKNOWN RESIDENCE	***420 MARCY AVE***	***WSW 1/8 - 1/4 (0.241 mi.)***	***X184***	***40***

EXECUTIVE SUMMARY

DRYCLEANERS: A review of the DRYCLEANERS list, as provided by EDR, and dated 12/20/2011 has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARRISON/YORKTOWN/AC	209 HARRISON AVENUE	SSW 0 - 1/8 (0.116 mi.)	L110	25
MARS CLEANERS	80 MANHATTAN AVE.	NNE 1/8 - 1/4 (0.213 mi.)	W159	35

E DESIGNATION: A review of the E DESIGNATION list, as provided by EDR, and dated 10/05/2011 has revealed that there are 75 E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 31,TAXBLOCK 2266	76 THROOP AVENUE	NE 0 - 1/8 (0.005 mi.)	A1	7
LOT 30,TAXBLOCK 2266	74 THROOP AVENUE	NNE 0 - 1/8 (0.008 mi.)	A2	7
LOT 36,TAXBLOCK 2266	99 GERRY STREET	SSE 0 - 1/8 (0.012 mi.)	A3	7
LOT 34,TAXBLOCK 2266	82 THROOP AVENUE	E 0 - 1/8 (0.012 mi.)	A4	7
LOT 37,TAXBLOCK 2266	97 GERRY STREET	S 0 - 1/8 (0.013 mi.)	A5	7
LOT 38,TAXBLOCK 2266	95 GERRY STREET	S 0 - 1/8 (0.013 mi.)	A6	7
LOT 25,TAXBLOCK 2269	90 GERRY STREET	SSE 0 - 1/8 (0.014 mi.)	A8	8
LOT 24,TAXBLOCK 2269	88 GERRY STREET	S 0 - 1/8 (0.014 mi.)	A9	8
LOT 29,TAXBLOCK 2266	72 THROOP AVENUE	N 0 - 1/8 (0.015 mi.)	A10	8
LOT 27,TAXBLOCK 2269	84 THROOP AVENUE	ESE 0 - 1/8 (0.015 mi.)	A11	8
LOT 23,TAXBLOCK 2269	86 GERRY STREET	S 0 - 1/8 (0.016 mi.)	A12	8
LOT 39,TAXBLOCK 2266	93 GERRY STREET	S 0 - 1/8 (0.016 mi.)	A13	9
LOT 40,TAXBLOCK 2266	91 GERRY STREET	SSW 0 - 1/8 (0.020 mi.)	B14	9
LOT 29,TAXBLOCK 2269	88 THROOP AVENUE	ESE 0 - 1/8 (0.027 mi.)	A16	9
LOT 25,TAXBLOCK 2266	398 WALLABOUT STREET	WNW 0 - 1/8 (0.028 mi.)	A17	9
LOT 23,TAXBLOCK 2266	394 WALLABOUT STREET	WNW 0 - 1/8 (0.029 mi.)	A20	10
LOT 19,TAXBLOCK 2269	78 GERRY STREET	SSW 0 - 1/8 (0.029 mi.)	B21	10
LOT 37,TAXBLOCK 2250	311 WALLABOUT STREET	WNW 0 - 1/8 (0.030 mi.)	A23	10
LOT 36,TAXBLOCK 2250	313 WALLABOUT STREET	WNW 0 - 1/8 (0.030 mi.)	A24	10
LOT 33,TAXBLOCK 2250	66 THROOP AVENUE	NNW 0 - 1/8 (0.031 mi.)	A25	11
307 WALLABOUNT STREE	***307 WALLABOUT STREET***	***W 0 - 1/8 (0.032 mi.)***	***C26***	***11***
LOT 21,TAXBLOCK 2266	390 WALLABOUT STREET	W 0 - 1/8 (0.032 mi.)	B27	11
LOT 30,TAXBLOCK 2269	90 THROOP AVENUE	ESE 0 - 1/8 (0.033 mi.)	A28	11
LOT 18,TAXBLOCK 2269	76 GERRY STREET	SSW 0 - 1/8 (0.033 mi.)	B29	11
LOT 40,TAXBLOCK 2250	305 WALLABOUT STREET	W 0 - 1/8 (0.034 mi.)	C30	11
LOT 20,TAXBLOCK 2266	388 WALLABOUT STREET	W 0 - 1/8 (0.035 mi.)	B31	12
LOT 19,TAXBLOCK 2266	386 WALLABOUT STREET	W 0 - 1/8 (0.037 mi.)	B32	12
LOT 17,TAXBLOCK 2269	74 GERRY STREET	SSW 0 - 1/8 (0.038 mi.)	B33	12
LOT 18,TAXBLOCK 2266	384 WALLABOUT STREET	W 0 - 1/8 (0.041 mi.)	C34	12
LOT 17,TAXBLOCK 2266	382 WALLABOUT STREET	W 0 - 1/8 (0.045 mi.)	C35	12
LOT 32,TAXBLOCK 2250	62 THROOP AVENUE	NNW 0 - 1/8 (0.045 mi.)	A36	12
LOT 16,TAXBLOCK 2266	380 WALLABOUT STREET	WSW 0 - 1/8 (0.048 mi.)	C37	13
LOT 22,TAXBLOCK 2266	392 WALLABOUT STREET	NNE 0 - 1/8 (0.049 mi.)	A38	13
LOT 41,TAXBLOCK 2250	295 WALLABOUT STREET	WSW 0 - 1/8 (0.049 mi.)	C39	13
LOT 15,TAXBLOCK 2266	378 WALLABOUT STREET	WSW 0 - 1/8 (0.052 mi.)	C40	13
LOT 14,TAXBLOCK 2266	376 WALLABOUT STREET	WSW 0 - 1/8 (0.056 mi.)	C41	13
LOT 46,TAXBLOCK 2266	75 GERRY STREET	SSW 0 - 1/8 (0.057 mi.)	B47	14
LOT 46,TAXBLOCK 2250	291 WALLABOUT STREET	WSW 0 - 1/8 (0.057 mi.)	C49	15
LOT 48,TAXBLOCK 2250	289 WALLABOUT STREET	WSW 0 - 1/8 (0.061 mi.)	C50	15
LOT 33,TAXBLOCK 2269	69 BARTLETT STREET	SE 0 - 1/8 (0.063 mi.)	E51	15
LOT 35,TAXBLOCK 2269	65 BARTLETT STREET	SE 0 - 1/8 (0.063 mi.)	E52	15
LOT 36,TAXBLOCK 2269	63 BARTLETT STREET	SE 0 - 1/8 (0.063 mi.)	E53	15

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 39,TAXBLOCK 2269	57 BARTLETT STREET	SSE 0 - 1/8 (0.064 mi.)	E54	16
LOT 40,TAXBLOCK 2269	55 BARTLETT STREET	SSE 0 - 1/8 (0.064 mi.)	E58	16
LOT 29,TAXBLOCK 2250	56 THROOP AVENUE	NNW 0 - 1/8 (0.065 mi.)	F59	17
LOT 41,TAXBLOCK 2269	53 BARTLETT STREET	SSE 0 - 1/8 (0.065 mi.)	E60	17
LOT 42,TAXBLOCK 2269	51 BARTLETT STREET	SSE 0 - 1/8 (0.067 mi.)	E61	17
LOT 43,TAXBLOCK 2269	47 BARTLETT STREET	S 0 - 1/8 (0.070 mi.)	H64	18
LOT 28,TAXBLOCK 2250	54 THROOP AVENUE	NNW 0 - 1/8 (0.072 mi.)	F65	18
LOT 1,TAXBLOCK 2269	58 GERRY STREET	SW 0 - 1/8 (0.075 mi.)	I66	18
LOT 45,TAXBLOCK 2269	43 BARTLETT STREET	S 0 - 1/8 (0.076 mi.)	H67	18
LOT 11,TAXBLOCK 2272	36 BARTLETT STREET	S 0 - 1/8 (0.077 mi.)	H68	18
LOT 9,TAXBLOCK 2266	366 WALLABOUT STREET	WSW 0 - 1/8 (0.078 mi.)	G69	18
LOT 47,TAXBLOCK 2269	41 BARTLETT STREET	S 0 - 1/8 (0.078 mi.)	H72	19
LOT 27,TAXBLOCK 2250	52 THROOP AVENUE	NNW 0 - 1/8 (0.079 mi.)	F73	19
LOT 25,TAXBLOCK 2250	116 WALTON STREET	NW 0 - 1/8 (0.079 mi.)	F75	20
LOT 48,TAXBLOCK 2269	39 BARTLETT STREET	S 0 - 1/8 (0.082 mi.)	H76	20
LOT 49,TAXBLOCK 2269	37 BARTLETT STREET	S 0 - 1/8 (0.085 mi.)	H77	20
LOT 9,TAXBLOCK 2272	30 BARTLETT STREET	S 0 - 1/8 (0.085 mi.)	H79	20
LOT 50,TAXBLOCK 2269	35 BARTLETT STREET	S 0 - 1/8 (0.088 mi.)	H83	21
LOT 14,TAXBLOCK 2250	94 WALTON STREET	WNW 0 - 1/8 (0.093 mi.)	K85	21
LOT 6,TAXBLOCK 2272	24 BARTLETT STREET	S 0 - 1/8 (0.095 mi.)	H87	22
LOT 52,TAXBLOCK 2269	31 BARTLETT STREET	S 0 - 1/8 (0.096 mi.)	H90	22
LOT 12,TAXBLOCK 2250	90 WALTON STREET	W 0 - 1/8 (0.099 mi.)	G95	23
LOT 11,TAXBLOCK 2250	88 WALTON STREET	W 0 - 1/8 (0.102 mi.)	G101	24
LOT 10,TAXBLOCK 2250	86 WALTON STREET	W 0 - 1/8 (0.105 mi.)	G102	24
LOT 4,TAXBLOCK 2250	161 HARRISON AVENUE	WSW 0 - 1/8 (0.109 mi.)	G105	25
LOT 6,TAXBLOCK 2250	159 HARRISON AVENUE	WSW 0 - 1/8 (0.112 mi.)	G106	25
LOT 3,TAXBLOCK 2272	207 HARRISON AVENUE	SSW 0 - 1/8 (0.116 mi.)	L107	25
LOT 7,TAXBLOCK 2250	157 HARRISON AVENUE	W 0 - 1/8 (0.116 mi.)	G109	25
LOT 5,TAXBLOCK 2274	16 WHIPPLE STREET	SSE 0 - 1/8 (0.118 mi.)	M112	26
LOT 45,TAXBLOCK 2272	11 WHIPPLE STREET	SSE 0 - 1/8 (0.119 mi.)	M113	26
LOT 8,TAXBLOCK 2250	155 HARRISON AVENUE	W 0 - 1/8 (0.120 mi.)	K114	26
LOT 46,TAXBLOCK 2272	9 WHIPPLE STREET	SSE 0 - 1/8 (0.121 mi.)	M115	26
LOT 147,TAXBLOCK 227	5 WHIPPLE STREET	SSE 0 - 1/8 (0.123 mi.)	M116	26

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there are 5 Manufactured Gas Plants sites within approximately 1 mile of the target property.

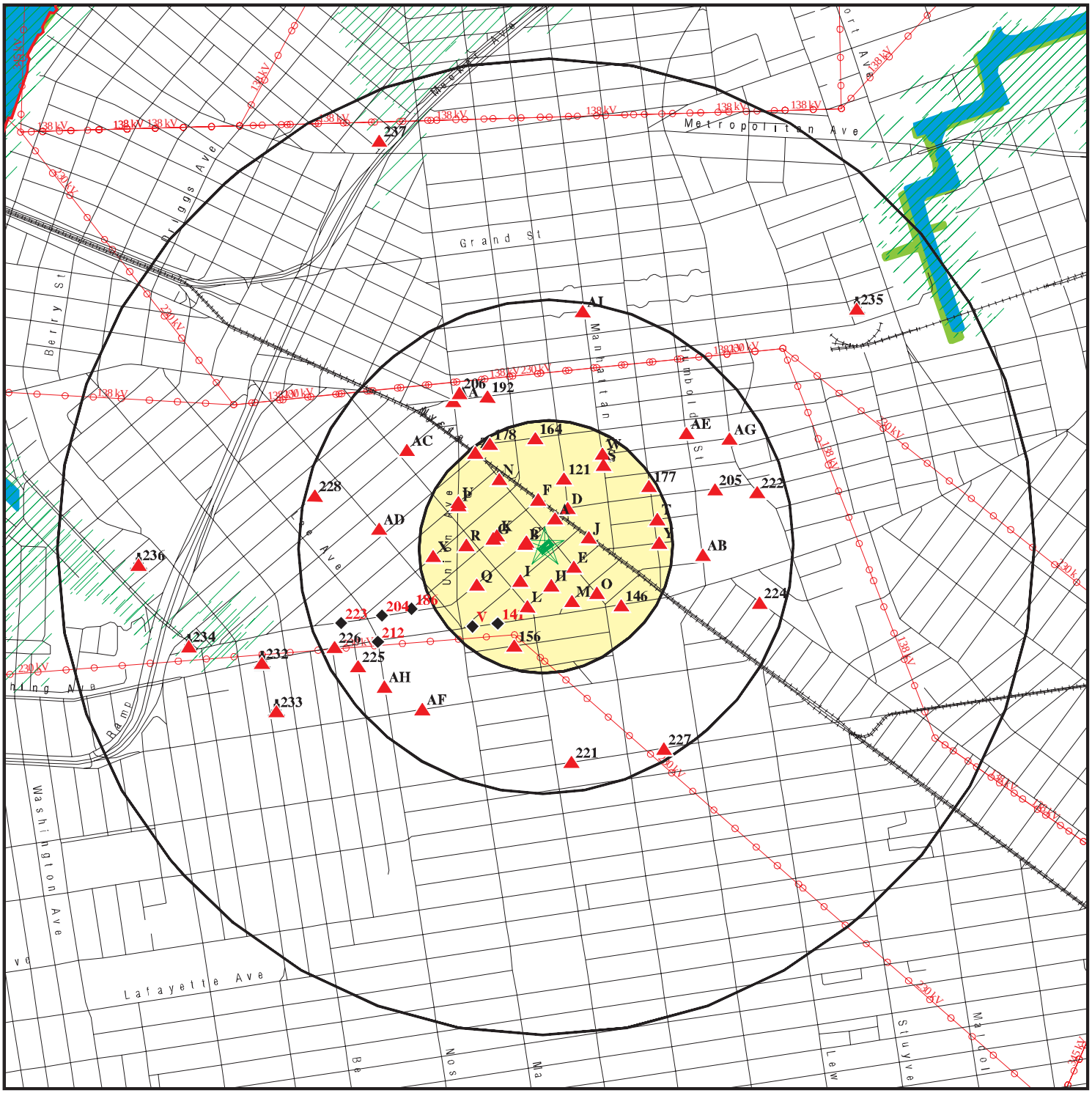
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SKILLMAN STATION	SKILLMAN ST. FLUSHIN	WSW 1/2 - 1 (0.622 mi.)	232	52
NASSAU GAS	SKILLMAN AVE	WSW 1/2 - 1 (0.641 mi.)	233	52
RUTLEDGE STATION	RUTLEDGE ST. WYTHE A	WSW 1/2 - 1 (0.755 mi.)	234	52
SCHOLES ST. STATION	SCHOLES ST 7 BOGART	NE 1/2 - 1 (0.799 mi.)	235	52
KEAP ST. STATION	KEAP ST. WYTHE AVE.	W 1/2 - 1 (0.832 mi.)	236	52

Count: 20 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	1001113446	NYCTA - 977 BROADWAY	977 BROADWAY EMPTY LOT CLEANUP	11206	FINDS,RCRA-NLR,MANIFEST
BROOKLYN	1003863849	BKLYN UNION GAS /NASSAU WORKS	KENT AVE/CROS ST/WALLABOUT CNL	11237	CERCLIS-NFRAP
BROOKLYN	1007205494	BELL ATLANTIC-NY	LYNCH ST BET HARRISON	00000	RCRA-NLR
NEW YORK	1007206799	CONSOLIDATED EDISON	V4617-DEKALB & THROOP	10010	RCRA-NLR,MANIFEST
BROOKLYN	1007207445	CONSOLIDATED EDISON	V3431-BROADWAY & BEDFORD		RCRA-NLR,MANIFEST
BROOKLYN	1007208397	CONSOLIDATED EDISON	MH38210-KINGS HWY & W 7TH ST		RCRA-NLR,MANIFEST
BROOKLYN	1007444974	FOUNTAIN AVENUE LANDFILL	OFF SHORE PARKWAY		ODI
BROOKLYN	1009231942	NYNEX	CORNER BWY/E WALTON ST	11206	MANIFEST
BROOKLYN	1009234540	NYNEX	KINGS HIWY & AVE H		MANIFEST
BROOKLYN	1009241753	CONSOLIDATED EDISON	MH677-HARRISON ALLEY & EVANS		MANIFEST
BROOKLYN	1009242600	CONSOLIDATED EDISON	V5517-PULASKI ST E/O THROOP AV		MANIFEST
BROOKLYN	1009242857	CONSOLIDATED EDISON	MH1000-FLUSHING AVE & THROOP A		MANIFEST
BKLYN	S102142527	E 29TH ST & KINGS HWY	E 29TH ST & KINGS HWY		SPILLS,HIST SPILLS
BROOKLYN	S103938400	BOX 38486	KINGS HIGHWAY/ROCKAWAY PK		SPILLS,HIST SPILLS
BROOKLYN	S106737045	BETW/AVE X &	KINGS HIGHWAY AVE U		SPILLS
BROOKLYN	S107407580	KINGS HIGHWAY MOBIL	KINGS HIGHWAY		SPILLS
BROOKLYN	S109064521	BELL ATLANTIC-NY	E 94 ST/BET CLARKSON AVE KINGS		MANIFEST
	S109207895	205842; KINGS HWY	KINGS HWY		SPILLS
BROOKLYN	S111011715	ROADWAY	KINGS HIGHWAY AND OCEAN PARKWA		SPILLS
BROOKLYN	S111011885	TO ROADWAY	KINGS HWY AND EAST 16TH ST		SPILLS

OVERVIEW MAP - 3313729.2s



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: 78 Throop Avenue ADDRESS: 78 Throop Avenue Brooklyn NY 11206 LAT/LONG: 40.7023 / 73.9468	CLIENT: Env. Business Consultants CONTACT: Dominick Mosca INQUIRY #: 3313729.2s DATE: May 01, 2012 11:19 am

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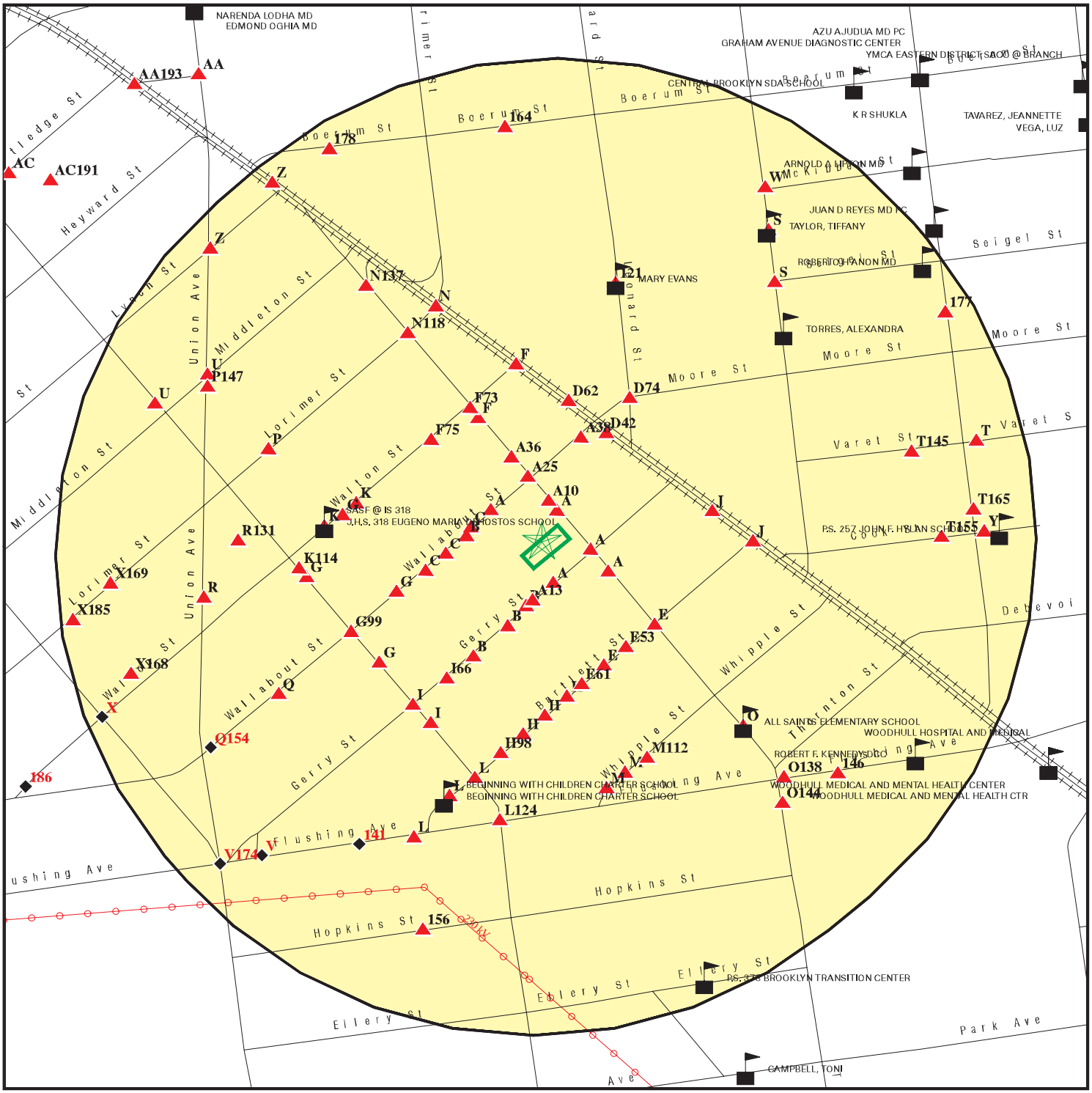
DETAIL MAP - 3313729.2s



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: 78 Throop Avenue	CLIENT: Env. Business Consultants
ADDRESS: 78 Throop Avenue Brooklyn NY 11206	CONTACT: Dominick Mosca
LAT/LONG: 40.7023 / 73.9468	INQUIRY #: 3313729.2s
	DATE: May 01, 2012 11:20 am

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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								
Federal NPL site list								
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
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	1	1	0	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	3	NR	NR	NR	4
RCRA-SQG	0.250		2	1	NR	NR	NR	3
RCRA-CESQG	0.250		1	6	NR	NR	NR	7
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	1	NR	1
VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
LTANKS	0.500		1	6	23	NR	NR	30
HIST LTANKS	0.500		2	5	32	NR	NR	39
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
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		6	17	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		3	8	NR	NR	NR	11
CBS AST	0.250		0	1	NR	NR	NR	1
MOSF AST	0.500		0	0	0	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
CBS	0.250		0	1	NR	NR	NR	1
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								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		1	2	0	NR	NR	3
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
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	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		4	10	NR	NR	NR	14
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		15	NR	NR	NR	NR	15
NY Hist Spills	0.125		9	NR	NR	NR	NR	9
Other Ascertainable Records								
RCRA-NonGen	0.250		6	14	NR	NR	NR	20
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		10	27	NR	NR	NR	37
DRYCLEANERS	0.250		1	1	NR	NR	NR	2
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125		75	NR	NR	NR	NR	75
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
EDR Proprietary Records								
Manufactured Gas Plants	1.000		0	0	0	5	NR	5

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A1 NE < 1/8 0.005 mi. 27 ft. Relative: Higher	**LOT 31,TAXBLOCK 2266 76 THROOP AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242387 N/A**
A2 NNE < 1/8 0.008 mi. 44 ft. Relative: Higher	**LOT 30,TAXBLOCK 2266 74 THROOP AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242385 N/A**
A3 SSE < 1/8 0.012 mi. 65 ft. Relative: Higher	**LOT 36,TAXBLOCK 2266 99 GERRY STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242397 N/A**
A4 East < 1/8 0.012 mi. 65 ft. Relative: Higher	**LOT 34,TAXBLOCK 2266 82 THROOP AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242393 N/A**
A5 South < 1/8 0.013 mi. 66 ft. Relative: Higher	**LOT 37,TAXBLOCK 2266 97 GERRY STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242400 N/A**
A6 South < 1/8 0.013 mi. 68 ft. Relative: Higher	**LOT 38,TAXBLOCK 2266 95 GERRY STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242401 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A7 **SSE** **< 1/8** **0.014 mi.** **74 ft.** **Relative:** **Higher**	**ON GROUND** **90-92 GERRY STREET** **BROOKLYN, NY** **Click here for full text details** **NY Spills** Date Closed: 6/26/2008	**NY Spills**	**S106737228** **N/A**
A8 **SSE** **< 1/8** **0.014 mi.** **74 ft.** **Relative:** **Higher**	**LOT 25,TAXBLOCK 2269** **90 GERRY STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242374** **N/A**
A9 **South** **< 1/8** **0.014 mi.** **76 ft.** **Relative:** **Higher**	**LOT 24,TAXBLOCK 2269** **88 GERRY STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242370** **N/A**
A10 **North** **< 1/8** **0.015 mi.** **77 ft.** **Relative:** **Higher**	**LOT 29,TAXBLOCK 2266** **72 THROOP AVENUE** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242381** **N/A**
A11 **ESE** **< 1/8** **0.015 mi.** **80 ft.** **Relative:** **Higher**	**LOT 27,TAXBLOCK 2269** **84 THROOP AVENUE** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242377** **N/A**
A12 **South** **< 1/8** **0.016 mi.** **82 ft.** **Relative:** **Higher**	**LOT 23,TAXBLOCK 2269** **86 GERRY STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242368** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A13 South < 1/8 0.016 mi. 87 ft. Relative: Higher	**LOT 39,TAXBLOCK 2266 93 GERRY STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242402 N/A**
B14 SSW < 1/8 0.020 mi. 105 ft. Relative: Higher	**LOT 40,TAXBLOCK 2266 91 GERRY STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242407 N/A**
B15 SSW < 1/8 0.025 mi. 132 ft. Relative: Higher	**PFIZER INC. BROOKLYN PLANT 80 GERRY STREET BROOKLYN, NY 11206 Click here for full text details**	**UST HIST UST**	**U003418592 N/A**
A16 ESE < 1/8 0.027 mi. 141 ft. Relative: Higher	**LOT 29,TAXBLOCK 2269 88 THROOP AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242382 N/A**
A17 WNW < 1/8 0.028 mi. 148 ft. Relative: Higher	**LOT 25,TAXBLOCK 2266 398 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242373 N/A**
A18 WNW < 1/8 0.028 mi. 148 ft. Relative: Higher	**MAGIC AUTO REPAIR SHOP 398 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**AST**	**A100294927 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A19 WNW < 1/8 0.028 mi. 148 ft. Relative: Higher	**398 WALLABOUT STREET 398 WALLABOUT ST BROOKLYN, NY Click here for full text details NY Spills Date Closed: 1/28/2005**	**NY Spills NY Hist Spills**	**S104509519 N/A**
A20 WNW < 1/8 0.029 mi. 151 ft. Relative: Higher	**LOT 23,TAXBLOCK 2266 394 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242367 N/A**
B21 SSW < 1/8 0.029 mi. 154 ft. Relative: Higher	**LOT 19,TAXBLOCK 2269 78 GERRY STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242361 N/A**
A22 WNW < 1/8 0.030 mi. 158 ft. Relative: Higher	**VARTEX INSTRUMENT CORP 311 WALLABOUT ST BROOKLYN, NY 11206 Click here for full text details**	**RCRA-NonGen FINDS MANIFEST**	**1004761306 NYR000084483**
A23 WNW < 1/8 0.030 mi. 158 ft. Relative: Higher	**LOT 37,TAXBLOCK 2250 311 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242399 N/A**
A24 WNW < 1/8 0.030 mi. 158 ft. Relative: Higher	**LOT 36,TAXBLOCK 2250 313 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242396 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A25 NNW < 1/8 0.031 mi. 164 ft. Relative: Higher	**LOT 33,TAXBLOCK 2250 66 THROOP AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242391 N/A**
C26 West < 1/8 0.032 mi. 168 ft. Relative: Higher	**307 WALLABOUNT STREET 307 WALLABOUT STREET BROOKLYN, NY 11220 Click here for full text details**	**UST HIST UST E DESIGNATION**	**U001841022 N/A**
B27 West < 1/8 0.032 mi. 169 ft. Relative: Higher	**LOT 21,TAXBLOCK 2266 390 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242364 N/A**
A28 ESE < 1/8 0.033 mi. 173 ft. Relative: Higher	**LOT 30,TAXBLOCK 2269 90 THROOP AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242386 N/A**
B29 SSW < 1/8 0.033 mi. 176 ft. Relative: Higher	**LOT 18,TAXBLOCK 2269 76 GERRY STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242359 N/A**
C30 West < 1/8 0.034 mi. 177 ft. Relative: Higher	**LOT 40,TAXBLOCK 2250 305 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242406 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B31 **West** **< 1/8** **0.035 mi.** **183 ft.** **Relative:** **Higher**	**LOT 20,TAXBLOCK 2266** **388 WALLABOUT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242363** **N/A**
B32 **West** **< 1/8** **0.037 mi.** **194 ft.** **Relative:** **Higher**	**LOT 19,TAXBLOCK 2266** **386 WALLABOUT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242360** **N/A**
B33 **SSW** **< 1/8** **0.038 mi.** **198 ft.** **Relative:** **Higher**	**LOT 17,TAXBLOCK 2269** **74 GERRY STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242357** **N/A**
C34 **West** **< 1/8** **0.041 mi.** **216 ft.** **Relative:** **Higher**	**LOT 18,TAXBLOCK 2266** **384 WALLABOUT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242358** **N/A**
C35 **West** **< 1/8** **0.045 mi.** **235 ft.** **Relative:** **Higher**	**LOT 17,TAXBLOCK 2266** **382 WALLABOUT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242356** **N/A**
A36 **NNW** **< 1/8** **0.045 mi.** **235 ft.** **Relative:** **Higher**	**LOT 32,TAXBLOCK 2250** **62 THROOP AVENUE** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242389** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
C37 WSW < 1/8 0.048 mi. 255 ft. Relative: Higher	**LOT 16,TAXBLOCK 2266 380 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242353 N/A**
A38 NNE < 1/8 0.049 mi. 260 ft. Relative: Higher	**LOT 22,TAXBLOCK 2266 392 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242366 N/A**
C39 WSW < 1/8 0.049 mi. 261 ft. Relative: Higher	**LOT 41,TAXBLOCK 2250 295 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242410 N/A**
C40 WSW < 1/8 0.052 mi. 276 ft. Relative: Higher	**LOT 15,TAXBLOCK 2266 378 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242352 N/A**
C41 WSW < 1/8 0.056 mi. 297 ft. Relative: Higher	**LOT 14,TAXBLOCK 2266 376 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242348 N/A**
D42 NNE < 1/8 0.056 mi. 297 ft. Relative: Higher	**SOSA DIAGNOSTIC REPAIR INC. 620 BROADWAY BROOKLYN, NY 11206 Click here for full text details**	**AST**	**A100304674 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B43 **SSW** **< 1/8** **0.057 mi.** **299 ft.** **Relative:** **Higher**	**EMPTY LOT** **73-87 GERRY STREET** **BROOKLYN, NY** **Click here for full text details** **NY Spills** Date Closed: 2/2/2000 Date Closed: 11/14/2006	**NY Spills** **NY Hist Spills**	**S104501441** **N/A**
B44 **SSW** **< 1/8** **0.057 mi.** **299 ft.** **Relative:** **Higher**	**PFIZER SITES B AND D** **59-71 GERRY ST. AND 73-87 GERRY ST.** **BROOKLYN, NY 11206** **Click here for full text details**	**VCP**	**S106906497** **N/A**
B45 **SSW** **< 1/8** **0.057 mi.** **299 ft.** **Relative:** **Higher**	**PFIZER INC/GERRY ST** **PFIZER INC/GERRY ST** **BKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 6/22/1992 **HIST LTANKS** Date Closed: 06/22/92	**LTANKS** **HIST LTANKS**	**S100493659** **N/A**
B46 **SSW** **< 1/8** **0.057 mi.** **299 ft.** **Relative:** **Higher**	**PFIZER INC BROOKLYN PLANT** **73 GERRY ST** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-CESQG** **FINDS** **MANIFEST**	**1001079897** **NYR000016048**
B47 **SSW** **< 1/8** **0.057 mi.** **299 ft.** **Relative:** **Higher**	**LOT 46,TAXBLOCK 2266** **75 GERRY STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242423** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B48 SSW < 1/8 0.057 mi. 299 ft. Relative: Higher	**EMPTY LOT 73-87 GERRY STREET BROOKLYN, NY Click here for full text details**	**NY Hist Spills**	**S102663271 N/A**
C49 WSW < 1/8 0.057 mi. 302 ft. Relative: Higher	**LOT 46,TAXBLOCK 2250 291 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242422 N/A**
C50 WSW < 1/8 0.061 mi. 324 ft. Relative: Higher	**LOT 48,TAXBLOCK 2250 289 WALLABOUT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242429 N/A**
E51 SE < 1/8 0.063 mi. 333 ft. Relative: Higher	**LOT 33,TAXBLOCK 2269 69 BARTLETT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242392 N/A**
E52 SE < 1/8 0.063 mi. 334 ft. Relative: Higher	**LOT 35,TAXBLOCK 2269 65 BARTLETT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242395 N/A**
E53 SE < 1/8 0.063 mi. 335 ft. Relative: Higher	**LOT 36,TAXBLOCK 2269 63 BARTLETT STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242398 N/A**

E54
SSE
< 1/8
0.064 mi.
337 ft.

Relative:
Higher

LOT 39,TAXBLOCK 2269
57 BARTLETT STREET
BROOKLYN, NY 11206

E DESIGNATION **S110242403**
N/A

Click here for full text details

E55
SE
< 1/8
0.064 mi.
339 ft.

Relative:
Higher

DRUM RUN
CORNER THROOP AVE AND BARTLETT ST
BROOKLYN, NY

NY Spills **S110308002**
N/A

Click here for full text details

NY Spills
Date Closed: 5/5/2010

E56
SE
< 1/8
0.064 mi.
339 ft.

Relative:
Higher

BROADWAY TRIANGLE
THROOP AVE / BARTLETT ST
BROOKLYN, NY

NY Spills
NY Hist Spills **S102143753**
N/A

Click here for full text details

NY Spills
Date Closed: 6/28/1999

E57
SE
< 1/8
0.064 mi.
339 ft.

Relative:
Higher

THROOP AVENUE / BARTLETT STREET
THROOP AVENUE / BARTLETT STREET
BROOKLYN, NY 11000

UST
HIST UST **U002034160**
N/A

Click here for full text details

UST
Date Tank Closed: 1994-03-01 00:00:00
Date Tank Closed: 1994-03-01 00:00:00
Date Tank Closed: 1994-03-01 00:00:00
Date Tank Closed: 1994-03-01 00:00:00

E58
SSE
< 1/8
0.064 mi.
340 ft.

Relative:
Higher

LOT 40,TAXBLOCK 2269
55 BARTLETT STREET
BROOKLYN, NY 11206

E DESIGNATION **S110242408**
N/A

Click here for full text details

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
F59 NNW < 1/8 0.065 mi. 344 ft. Relative: Higher	**LOT 29,TAXBLOCK 2250 56 THROOP AVENUE BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242380 N/A**
E60 SSE < 1/8 0.065 mi. 345 ft. Relative: Higher	**LOT 41,TAXBLOCK 2269 53 BARTLETT STREET BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242412 N/A**
E61 SSE < 1/8 0.067 mi. 352 ft. Relative: Higher	**LOT 42,TAXBLOCK 2269 51 BARTLETT STREET BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242414 N/A**
D62 North < 1/8 0.067 mi. 356 ft. Relative: Higher	**APARTMENT BUILDING 613 BROADWAY BROOKLYN, NY 11206** Click here for full text details **NY Spills** Date Closed: 12/14/2009	**NY Spills NY Hist Spills**	**S104951601 N/A**
G63 WSW < 1/8 0.070 mi. 369 ft. Relative: Higher	**SERVICE BOX # 7967 285 WALLABOUT ST BROOKLYN, NY** Click here for full text details **NY Spills** Date Closed: 9/28/2005	**NY Spills**	**S106970181 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
H64 **South** **< 1/8** **0.070 mi.** **372 ft.** **Relative:** **Higher**	**LOT 43,TAXBLOCK 2269** **47 BARTLETT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242416** **N/A**
F65 **NNW** **< 1/8** **0.072 mi.** **380 ft.** **Relative:** **Higher**	**LOT 28,TAXBLOCK 2250** **54 THROOP AVENUE** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242378** **N/A**
I66 **SW** **< 1/8** **0.075 mi.** **394 ft.** **Relative:** **Higher**	**LOT 1,TAXBLOCK 2269** **58 GERRY STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242338** **N/A**
H67 **South** **< 1/8** **0.076 mi.** **399 ft.** **Relative:** **Higher**	**LOT 45,TAXBLOCK 2269** **43 BARTLETT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242419** **N/A**
H68 **South** **< 1/8** **0.077 mi.** **405 ft.** **Relative:** **Higher**	**LOT 11,TAXBLOCK 2272** **36 BARTLETT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242343** **N/A**
G69 **WSW** **< 1/8** **0.078 mi.** **411 ft.** **Relative:** **Higher**	**LOT 9,TAXBLOCK 2266** **366 WALLABOUT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242450** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
J70 **East** **< 1/8** **0.078 mi.** **412 ft.** **Relative:** **Higher**	**SERVICE BOX 15648** **650 BROADWAY** **BROOKLYN, NY** **Click here for full text details**	**NY Hist Spills**	**S104651729** **N/A**
J71 **East** **< 1/8** **0.078 mi.** **412 ft.** **Relative:** **Higher**	**JUNKYARD** **650 BROADWAY** **BROOKLYN, NY** **Click here for full text details** **NY Spills** Date Closed: 1/17/2002	**NY Spills**	**S109061916** **N/A**
H72 **South** **< 1/8** **0.078 mi.** **414 ft.** **Relative:** **Higher**	**LOT 47,TAXBLOCK 2269** **41 BARTLETT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242427** **N/A**
F73 **NNW** **< 1/8** **0.079 mi.** **416 ft.** **Relative:** **Higher**	**LOT 27,TAXBLOCK 2250** **52 THROOP AVENUE** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242376** **N/A**
D74 **NNE** **< 1/8** **0.079 mi.** **416 ft.** **Relative:** **Higher**	**VAULT 3871** **MOORE AND LEONARD ST** **BROOKLYN, NY** **Click here for full text details** **NY Spills** Date Closed: 4/3/2002	**NY Spills** **NY Hist Spills**	**S103937163** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
F75 **NW** **< 1/8** **0.079 mi.** **419 ft.** **Relative:** **Higher**	**LOT 25,TAXBLOCK 2250** **116 WALTON STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242372** **N/A**
H76 **South** **< 1/8** **0.082 mi.** **431 ft.** **Relative:** **Higher**	**LOT 48,TAXBLOCK 2269** **39 BARTLETT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242430** **N/A**
H77 **South** **< 1/8** **0.085 mi.** **448 ft.** **Relative:** **Higher**	**LOT 49,TAXBLOCK 2269** **37 BARTLETT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242432** **N/A**
H78 **South** **< 1/8** **0.085 mi.** **450 ft.** **Relative:** **Higher**	**2001 HIGH TECH AUTO SERVICE CORP.** **30 BARTLETT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**UST**	**U004053200** **N/A**
H79 **South** **< 1/8** **0.085 mi.** **450 ft.** **Relative:** **Higher**	**LOT 9,TAXBLOCK 2272** **30 BARTLETT STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**E DESIGNATION**	**S110242451** **N/A**
F80 **North** **< 1/8** **0.088 mi.** **464 ft.** **Relative:** **Higher**	**CITGO/ 594 BROADWAY** **594 BROADWAY** **BROOKLYN, NY** **Click here for full text details** **HIST LTANKS** Date Closed: / /	**HIST LTANKS** **NY Spills**	**S102672996** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
F81 **North** **< 1/8** **0.088 mi.** **464 ft.** **Relative:** **Higher**	**RICHARDS AUTO REPAIR SHOP** **594 BROADWAY** **BROOKLYN, NY 99999** Click here for full text details	**RCRA-NonGen** **FINDS**	**1001482986** **NYU005001185**
F82 **North** **< 1/8** **0.088 mi.** **464 ft.** **Relative:** **Higher**	**SUSION DEVELPORS LLC** **594 BROADWAY** **BROOKLYN, NY 11206** Click here for full text details	**UST** **HIST UST** **HIST AST**	**U001330304** **N/A**
H83 **South** **< 1/8** **0.088 mi.** **467 ft.** **Relative:** **Higher**	**LOT 50,TAXBLOCK 2269** **35 BARTLETT STREET** **BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242435** **N/A**
F84 **North** **< 1/8** **0.090 mi.** **473 ft.** **Relative:** **Higher**	**DRUM RUN** **BROADWAY & WALTON ST** **BROOKLYN, NY** Click here for full text details **NY Spills** Date Closed: 8/9/2007	**NY Spills**	**S108638863** **N/A**
K85 **WNW** **< 1/8** **0.093 mi.** **493 ft.** **Relative:** **Higher**	**LOT 14,TAXBLOCK 2250** **94 WALTON STREET** **BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242347** **N/A**
K86 **WNW** **< 1/8** **0.093 mi.** **493 ft.** **Relative:** **Higher**	**HOO CORP** **94 WALLTON STREET** **BROOKLYN, NY 11206** Click here for full text details	**UST**	**U004047146** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
H87 **South** **< 1/8** **0.095 mi.** **501 ft.** **Relative:** **Higher**	**LOT 6,TAXBLOCK 2272** **24 BARTLETT STREET** **BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242445** **N/A**
G88 **SW** **< 1/8** **0.095 mi.** **502 ft.** **Relative:** **Higher**	**BAIS RUCHEL HIGH SCHOOL INC** **177 HARRISON AVE** **BROOKLYN, NY 11206** Click here for full text details	**RCRA-SQG**	**1014919590** **NYR000183780**
G89 **SW** **< 1/8** **0.095 mi.** **502 ft.** **Relative:** **Higher**	**BAIS RUCHEL HIGH SCHOOL INC** **177 HARRISON AVE** **BROOKLYN, NY 11206** Click here for full text details	**MANIFEST**	**S111314429** **N/A**
H90 **South** **< 1/8** **0.096 mi.** **506 ft.** **Relative:** **Higher**	**LOT 52,TAXBLOCK 2269** **31 BARTLETT STREET** **BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242437** **N/A**
I91 **SW** **< 1/8** **0.097 mi.** **512 ft.** **Relative:** **Higher**	**CON ED - MH 485** **GERRY ST & HARRISON AVE** **BROOKLYN, NY 11206** Click here for full text details	**RCRA-NonGen** **MANIFEST**	**1007206268** **NYP004006821**
I92 **SW** **< 1/8** **0.097 mi.** **512 ft.** **Relative:** **Higher**	**MANHOLE 1144** **GERRY ST/HARRISON AV** **BROOKLYN, NY** Click here for full text details **NY Spills** Date Closed: 7/18/2003	**NY Spills**	**S106012844** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
J93 **East** **< 1/8** **0.098 mi.** **519 ft.** **Relative:** **Higher**	**CONSOLIDATED EDISON MH15861** **662 BROADWAY** **BROOKLYN, NY 11206** Click here for full text details	**MANIFEST**	**S110046858** **N/A**
J94 **East** **< 1/8** **0.098 mi.** **519 ft.** **Relative:** **Higher**	**CON EDISON - MANHOLE 15641** **662 BROADWAY** **BROOKLYN, NY 11206** Click here for full text details	**RCRA-LQG**	**1014396248** **NYP004184289**
G95 **West** **< 1/8** **0.099 mi.** **521 ft.** **Relative:** **Higher**	**LOT 12,TAXBLOCK 2250** **90 WALTON STREET** **BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242344** **N/A**
I96 **SSW** **< 1/8** **0.099 mi.** **523 ft.** **Relative:** **Higher**	**ARLINGTON PRESS** **191 HARRISON AVE** **BROOKLYN, NY 11206** Click here for full text details	**MANIFEST**	**S109782046** **N/A**
I97 **SSW** **< 1/8** **0.099 mi.** **523 ft.** **Relative:** **Higher**	**ARLINGTON PRESS-191 HARRISON AVE** **191 HARRISON AVE** **BROOKLYN, NY 11206** Click here for full text details	**RCRA-SQG** **FINDS** **MANIFEST**	**1000257521** **NYD001513779**
H98 **South** **< 1/8** **0.100 mi.** **527 ft.** **Relative:** **Higher**	**29 BARTLETT STREET** **29 BARTLETT STREET** **BROOKLYN, NY** Click here for full text details **NY Spills** Date Closed: 8/24/1995	**NY Spills** **NY Hist Spills**	**S102150626** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
G99 WSW < 1/8 0.100 mi. 528 ft. Relative: Higher	**MANHOLE 468 WALLABOUT ST/HARRISON AVE BROOKLYN, NY** Click here for full text details **NY Spills** Date Closed: 10/25/2001	**NY Spills NY Hist Spills**	**S104787837 N/A**
I100 SW < 1/8 0.100 mi. 530 ft. Relative: Higher	**V4821 48 GERRY STREET NEW YORK CITY, NY 11206** Click here for full text details	**RCRA-NonGen MANIFEST**	**1007206956 NYP004034575**
G101 West < 1/8 0.102 mi. 536 ft. Relative: Higher	**LOT 11,TAXBLOCK 2250 88 WALTON STREET BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242342 N/A**
G102 West < 1/8 0.105 mi. 552 ft. Relative: Higher	**LOT 10,TAXBLOCK 2250 86 WALTON STREET BROOKLYN, NY 11206** Click here for full text details	**E DESIGNATION**	**S110242340 N/A**
K103 West < 1/8 0.107 mi. 566 ft. Relative: Higher	**I.S. 318 101 WALTON STREET BROOKLYN, NY 11206** Click here for full text details	**AST HIST AST**	**U003394304 N/A**
K104 West < 1/8 0.107 mi. 566 ft. Relative: Higher	**IS 318 101 WALTON ST BROOKLYN, NY 11206** Click here for full text details	**RCRA-NonGen FINDS MANIFEST**	**1000552941 NYD986953461**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
G105 WSW < 1/8 0.109 mi. 578 ft. Relative: Higher	**LOT 4,TAXBLOCK 2250 161 HARRISON AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242404 N/A**
G106 WSW < 1/8 0.112 mi. 594 ft. Relative: Higher	**LOT 6,TAXBLOCK 2250 159 HARRISON AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242444 N/A**
L107 SSW < 1/8 0.116 mi. 612 ft. Relative: Higher	**LOT 3,TAXBLOCK 2272 207 HARRISON AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242384 N/A**
L108 SSW < 1/8 0.116 mi. 612 ft. Relative: Higher	**BARTLETT ST & HARRISON BARTLETT STREET/HARRISON BROOKLYN, NY Click here for full text details NY Spills** Date Closed: 5/16/2003	**NY Spills**	**S106014127 N/A**
G109 West < 1/8 0.116 mi. 612 ft. Relative: Higher	**LOT 7,TAXBLOCK 2250 157 HARRISON AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242447 N/A**
L110 SSW < 1/8 0.116 mi. 613 ft. Relative: Higher	**HARRISON/YORKTOWN/ACE RAPID DRYCLEANERS 209 HARRISON AVENUE #A BROOKLYN, NY 11206 Click here for full text details**	**DRYCLEANERS**	**S106435386 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
L111 SSW < 1/8 0.116 mi. 613 ft. Relative: Higher	**HARRISON DRY CLEANERS 209 HARRISON AVENUE BROOKLYN, NY 11206 Click here for full text details**	**RCRA-NonGen FINDS MANIFEST**	**1000129464 NYD045446994**
M112 SSE < 1/8 0.118 mi. 622 ft. Relative: Higher	**LOT 5,TAXBLOCK 2274 16 WHIPPLE STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242434 N/A**
M113 SSE < 1/8 0.119 mi. 630 ft. Relative: Higher	**LOT 45,TAXBLOCK 2272 11 WHIPPLE STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242420 N/A**
K114 West < 1/8 0.120 mi. 631 ft. Relative: Higher	**LOT 8,TAXBLOCK 2250 155 HARRISON AVENUE BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242449 N/A**
M115 SSE < 1/8 0.121 mi. 637 ft. Relative: Higher	**LOT 46,TAXBLOCK 2272 9 WHIPPLE STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242424 N/A**
M116 SSE < 1/8 0.123 mi. 652 ft. Relative: Higher	**LOT 147,TAXBLOCK 2272 5 WHIPPLE STREET BROOKLYN, NY 11206 Click here for full text details**	**E DESIGNATION**	**S110242350 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
L117 SSW 1/8-1/4 0.129 mi. 683 ft. Relative: Higher	**PFIZER INC 11 BARTLETT ST BROOKLYN, NY 11206 Click here for full text details**	**CORRACTS RCRA-LQG RAATS MANIFEST**	**1000443177 NYD001374214**
N118 NNW 1/8-1/4 0.131 mi. 692 ft. Relative: Higher	**CON EDISON - TM 1358 THROOP AVE & LORIMER ST BROOKLYN, NY 11206 Click here for full text details**	**RCRA-NonGen MANIFEST**	**1008195668 NYP004111993**
M119 SSE 1/8-1/4 0.132 mi. 699 ft. Relative: Higher	**CON EDISON WHIPPLE ST & FLUSHING AVE BROOKLYN, NY 11206 Click here for full text details**	**RCRA-CESQG**	**1014396428 NYP004186920**
L120 SSW 1/8-1/4 0.133 mi. 701 ft. Relative: Higher	**PFIZER INC 11 BARTLETT STREET BROOKLYN, NY 11206 Click here for full text details**	**MANIFEST**	**S109533642 N/A**
121 NNE 1/8-1/4 0.134 mi. 707 ft. Relative: Higher	**LINDSAY PARK HOUSING CORP 31 LEONARD STREET BROOKLYN, NY 11206 Click here for full text details UST** Date Tank Closed: 2011-10-15 00:00:00	**UST HIST UST**	**U003127541 N/A**
N122 NNW 1/8-1/4 0.135 mi. 711 ft. Relative: Higher	**MTA NYCT - LORIMER ST STATION J-LINE LORIMER ST & BROADWAY BROOKLYN, NY 11206 Click here for full text details**	**RCRA-NonGen FINDS MANIFEST**	**1004761237 NYR000082131**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
N123 **NNW** **1/8-1/4** **0.135 mi.** **711 ft.** **Relative:** **Higher**	**CON EDISON** **LORIMER ST & BROADWAY** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-CESQG**	**1014396188** **NYP004183687**
L124 **South** **1/8-1/4** **0.135 mi.** **715 ft.** **Relative:** **Higher**	**BP AMOCO SERVICE STATION #36714** **655 FLUSHING AVENUE** **BROOKLYN, NY 11206** **Click here for full text details**	**UST** **HIST UST**	**U001839090** **N/A**
O125 **SE** **1/8-1/4** **0.136 mi.** **719 ft.** **Relative:** **Higher**	**CLOSED-LACKOF RECENT INFO** **113 THROOP AVE** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 3/4/2003 **HIST LTANKS** Date Closed: / /	**LTANKS** **HIST LTANKS**	**S106703168** **N/A**
O126 **SE** **1/8-1/4** **0.138 mi.** **727 ft.** **Relative:** **Higher**	**ALL SAINTS R C CHURCH** **115 THROOP AVE** **BROOKLYN, NY 11206** **Click here for full text details** **UST** Date Tank Closed: 1996-08-01 00:00:00 Date Tank Closed: 1995-09-01 00:00:00 Date Tank Closed: 1996-08-01 00:00:00	**UST** **HIST UST**	**U000405431** **N/A**
P127 **WNW** **1/8-1/4** **0.148 mi.** **780 ft.** **Relative:** **Higher**	**NYCT - BROADWAY-LORIMER SUBSTATION** **143 LORIMER ST** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-SQG**	**1010787683** **NYR000156547**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
P128 **WNW** **1/8-1/4** **0.148 mi.** **780 ft.** **Relative:** **Higher**	**NYCT - BROADWAY-LORIMER SUBSTATION** **143 LORIMER ST** **BROOKLYN, NY 11206** **Click here for full text details**	**MANIFEST**	**S109826131** **N/A**
Q129 **WSW** **1/8-1/4** **0.150 mi.** **790 ft.** **Relative:** **Higher**	**255 WALLABOUT ST/PFIZER** **255 WALLABOUT STREET** **NEW YORK CITY, NY** **Click here for full text details** **LTANKS** Date Closed: 11/14/2006 **HIST LTANKS** Date Closed: / /	**LTANKS** **HIST LTANKS**	**S102671554** **N/A**
Q130 **WSW** **1/8-1/4** **0.150 mi.** **794 ft.** **Relative:** **Higher**	**PFIZER INC BROOKLYN PLANT** **338 WALLABOUT ST** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-NonGen** **FINDS** **MANIFEST**	**1000871470** **NY0000055384**
R131 **West** **1/8-1/4** **0.152 mi.** **805 ft.** **Relative:** **Higher**	**HYDRO TECH** **70 UNION AVENUE** **BROOK LYN, NY 10001** **Click here for full text details**	**MANIFEST**	**S109155767** **N/A**
L132 **SSW** **1/8-1/4** **0.157 mi.** **829 ft.** **Relative:** **Higher**	**PFIZER INC BROOKLYN PLT** **630 FLUSHING AVENUE** **BROOKLYN, NY 11206** **Click here for full text details**	**MANIFEST**	**S109785213** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
L133 SSW 1/8-1/4 0.157 mi. 829 ft. Relative: Higher	**PFIZER INC. BROOKLYN PLANT 630 FLUSHING AVENUE BROOKLYN, NY 11206 Click here for full text details**	**RCRA-LQG FINDS MANIFEST**	**1000458301 NYD986936904**
L134 SSW 1/8-1/4 0.157 mi. 829 ft. Relative: Higher	**TEXECO STATION 630 FLUSHING AVE WILLIAMBURG, NY Click here for full text details**	**LTANKS HIST LTANKS HIST UST AST HIST AST MANIFEST NY Spills NY Hist Spills VCP CBS**	**U003074670 N/A**

LTANKS
Date Closed: 3/31/2006

HIST LTANKS
Date Closed: / /

NY Spills
Date Closed: 6/16/2003
Date Closed: 9/17/2003
Date Closed: 4/5/2006
Date Closed: 8/10/1995

CBS
Facility Status: Unregulated

L135 SSW 1/8-1/4 0.157 mi. 829 ft. Relative: Higher	**630 FLUSHING AVE 630 FLUSHING AVE BROOKLYN, NY Click here for full text details**	**HIST LTANKS CBS AST**	**S100560594 N/A**

HIST LTANKS
Date Closed: / /

L136
SSW
1/8-1/4
0.157 mi.
829 ft.

Relative:
Higher

PFIZER INC
630 FLUSHING AVENUE
BROOKLYN, NY 11206

UST
U004064026
N/A

Click here for full text details

UST

Date Tank Closed: 1993-06-01 00:00:00
Date Tank Closed: 1999-09-01 00:00:00
Date Tank Closed: 1999-09-01 00:00:00
Date Tank Closed: 1999-09-01 00:00:00
Date Tank Closed: 1999-09-01 00:00:00
Date Tank Closed: 1993-06-01 00:00:00
Date Tank Closed: 1993-06-01 00:00:00
Date Tank Closed: 1999-09-01 00:00:00
Date Tank Closed: 1999-09-01 00:00:00

N137
NW
1/8-1/4
0.165 mi.
870 ft.

Relative:
Higher

NYCTA - 22 THROOP AVE
22 THROOP AVE
BROOKLYN, NY 11206

RCRA-NonGen
FINDS
MANIFEST
1000912691
NY0000902171

Click here for full text details

O138
SE
1/8-1/4
0.171 mi.
904 ft.

Relative:
Higher

709-715 FLUSHING AVE
709-715 FLUSHING AVE
BROOKLYN, NY 11206

UST
U004107550
N/A

Click here for full text details

UST

Date Tank Closed: 2007-05-03 00:00:00
Date Tank Closed: 2007-05-03 00:00:00
Date Tank Closed: 2007-05-03 00:00:00
Date Tank Closed: 2007-05-03 00:00:00

R139
West
1/8-1/4
0.172 mi.
908 ft.

Relative:
Higher

CAS DEVELOPERS LLC
70 UNION AVE
BROOKLYN, NY 11206

RCRA-CESQG
1010329016
NYR000146126

Click here for full text details

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
R140 **West** **1/8-1/4** **0.172 mi.** **908 ft.** **Relative:** **Higher**	**70 UNION AVENUE** **70 UNION AVENUE** **BROOKLYN, NY 11206** **Click here for full text details** **UST** Date Tank Closed: 2007-02-12 00:00:00 Date Tank Closed: 2007-06-15 00:00:00 Date Tank Closed: 2007-02-12 00:00:00 Date Tank Closed: 2007-02-12 00:00:00 Date Tank Closed: 2007-02-12 00:00:00 Date Tank Closed: 2007-02-12 00:00:00	**UST**	**U004078635** **N/A**
141 **SSW** **1/8-1/4** **0.175 mi.** **922 ft.** **Relative:** **Lower**	**PFIZER (ORGANICS/SUCIAC BLOCK)** **CENTRAL PORTION OF PFIZER FACILITY, 630 FLUSHING A** **BROOKLYN, NY** **Click here for full text details**	**VCP**	**S104323903** **N/A**
S142 **NE** **1/8-1/4** **0.175 mi.** **924 ft.** **Relative:** **Higher**	**CON ED-V5285** **SEIGAL ST & MANHATTAN AVE** **BROOKLYN, NY 11222** **Click here for full text details**	**MANIFEST**	**S109064683** **N/A**
S143 **NE** **1/8-1/4** **0.175 mi.** **925 ft.** **Relative:** **Higher**	**CON ED - VS 5285** **SEIGAL ST & MANHATTAN AVE** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-NonGen** **MANIFEST**	**1007206261** **NYP004006680**
O144 **SE** **1/8-1/4** **0.181 mi.** **956 ft.** **Relative:** **Higher**	**EMS BATT 57 @ WOODHULL HOSPITAL** **131 THROOP AVE** **BROOKLYN, NY 11206** **Click here for full text details**	**UST**	**U004046659** **N/A**

T145
ENE
1/8-1/4
0.189 mi.
1000 ft.

Relative:
Higher

COOK STREET HOUSING
40 VARET STREET
BROOKLYN, NY 11206

UST
U004129097
N/A

Click here for full text details

UST
Date Tank Closed: 2008-01-29 00:00:00

146
SE
1/8-1/4
0.190 mi.
1005 ft.

Relative:
Higher

EMS @ WOODHULL HOSPITAL
720 FLUSHING AVE
BROOKLYN, NY 11206

UST
HIST UST
U003652107
N/A

Click here for full text details

P147
WNW
1/8-1/4
0.191 mi.
1011 ft.

Relative:
Higher

GEORGE ROYH
116 UNION AVENUE
BROOKLYN, NY 11204

UST
HIST UST
U003127205
N/A

Click here for full text details

UST
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
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Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00
Date Tank Closed: 1996-09-01 00:00:00

S148
NE
1/8-1/4
0.194 mi.
1025 ft.

Relative:
Higher

67 MANHATTAN AVE
67 MANHATTAN AVE
BROOKLYN, NY

MANIFEST
NY Spills
NY Hist Spills
S102180042
N/A

Click here for full text details

NY Spills
Date Closed: 12/16/2002
Date Closed: 12/16/2002
Date Closed: 12/16/2002
Date Closed: 12/16/2002

S149
NE
1/8-1/4
0.194 mi.
1025 ft.

Relative:
Higher

LINDSAY PARK HOUSING CORP
67 MANHATTAN AVENUE
BROOKLYN, NY 11206

UST
HIST UST

U003127540
N/A

Click here for full text details

UST
Date Tank Closed: 2009-09-07 00:00:00

S150
NE
1/8-1/4
0.195 mi.
1029 ft.

Relative:
Higher

CON EDISON - 67 MANHATTAN AVE
67 MANHATTAN AVE
BROOKLYN, NY 11211

RCRA-NonGen
FINDS

1001119359
NYR000026468

Click here for full text details

U151
WNW
1/8-1/4
0.195 mi.
1029 ft.

Relative:
Higher

KNIGHTS COLLISION EXPERTS INC
120 UNION AVE
BROOKLYN, NY 11206

RCRA-NonGen

1000235004
NYD012575643

Click here for full text details

U152
WNW
1/8-1/4
0.195 mi.
1029 ft.

Relative:
Higher

KNIGHTS COLLISION & AUTO CARE CENTER
120 UNION AVENUE
BROOKLYN, NY 11206

UST

U004047351
N/A

Click here for full text details

UST
Date Tank Closed: 2010-04-02 00:00:00

U153
WNW
1/8-1/4
0.195 mi.
1029 ft.

Relative:
Higher

KNIGHTS COLLISION EXPERTS INC
120 UNION AVE
BROOKLYN, NY 11206

MANIFEST
NY Spills

S109373498
N/A

Click here for full text details

NY Spills
Date Closed: 12/2/2008
Date Closed: 2/9/2009

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
Q154 WSW 1/8-1/4 0.196 mi. 1033 ft. Relative: Lower	**TM2554 322 WALLABOUT STREET NEW YORK, NY 11231 Click here for full text details**	**RCRA-NonGen MANIFEST**	**1007207456 NYP004046181**
T155 East 1/8-1/4 0.199 mi. 1052 ft. Relative: Higher	**GRAYCO CORP. 29 COOK STREET BROOKLYN, NY 11206 Click here for full text details**	**AST**	**A100294254 N/A**
156 SSW 1/8-1/4 0.202 mi. 1065 ft. Relative: Higher	**CON EDISON - VS 2314 93 HOPKINS ST BROOKLYN, NY 11215 Click here for full text details**	**RCRA-NonGen MANIFEST**	**1008195512 NYP004106852**
U157 WNW 1/8-1/4 0.206 mi. 1088 ft. Relative: Higher	**CONSOLIDATED EDISON MIDDLETON & HARRISON BROOKLYN, NY 12201 Click here for full text details**	**MANIFEST**	**1009239144 N/A**
V158 SW 1/8-1/4 0.212 mi. 1117 ft. Relative: Lower	**CONSOLIDATED EDISON MH611-104 FLUSHING AVE BROOKLYN, NY Click here for full text details**	**MANIFEST**	**1009243556 N/A**
W159 NNE 1/8-1/4 0.213 mi. 1123 ft. Relative: Higher	**MARS CLEANERS 80 MANHATTAN AVE. BROOKLYN, NY 11206 Click here for full text details**	**DRYCLEANERS**	**S106435380 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
W160 NNE 1/8-1/4 0.213 mi. 1123 ft. Relative: Higher	**MARS CLEANERS 80 MANHATTAN AVE BROOKLYN, NY 11206 Click here for full text details**	**RCRA-CESQG FINDS MANIFEST**	**1004758895 NYD987029188**
U161 WNW 1/8-1/4 0.213 mi. 1126 ft. Relative: Higher	**ANTONIA GONSALIS 118-120 HARRISON AVENUE BROOKLYN, NY 11206 Click here for full text details UST** Date Tank Closed: 1998-11-01 00:00:00 Date Tank Closed: 1998-11-01 00:00:00 Date Tank Closed: 1998-11-01 00:00:00 Date Tank Closed: 1998-11-01 00:00:00	**UST HIST UST**	**U003418625 N/A**
V162 SW 1/8-1/4 0.213 mi. 1127 ft. Relative: Lower	**V1821 2 GERRY STREET BROOKLYN, NY 11206 Click here for full text details**	**RCRA-NonGen MANIFEST**	**1007206768 NYP004018412**
V163 SW 1/8-1/4 0.213 mi. 1127 ft. Relative: Lower	**V2107 2-48 GERRY BROOKLYN, NY 11206 Click here for full text details**	**RCRA-NonGen MANIFEST**	**1007206769 NYP004018420**
164 North 1/8-1/4 0.216 mi. 1139 ft. Relative: Higher	**LINDSAY PARK HOUSING CORP 54 BOERUM ST BROOKLYLN, NY Click here for full text details LTANKS** Date Closed: 10/27/2010	**LTANKS**	**S109829698 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
T165 **East** **1/8-1/4** **0.217 mi.** **1146 ft.** **Relative:** **Higher**	**35 GRAHM AVE.** **35 GRAHM AVE.** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 5/19/1993 **HIST LTANKS** Date Closed: 05/19/93	**LTANKS** **HIST LTANKS**	**S102672170** **N/A**
T166 **ENE** **1/8-1/4** **0.218 mi.** **1151 ft.** **Relative:** **Higher**	**CONSOLIDATED EDISON MH1401** **64 GRAHAM AVE** **BROOKLYN, NY 11206** **Click here for full text details**	**MANIFEST**	**S110046844** **N/A**
T167 **ENE** **1/8-1/4** **0.218 mi.** **1151 ft.** **Relative:** **Higher**	**CON EDISON - MANHOLE 14001** **64 GRAHAM AVE** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-LQG**	**1014396249** **NYP004184297**
X168 **WSW** **1/8-1/4** **0.219 mi.** **1154 ft.** **Relative:** **Higher**	**ULTIMATE AUTO REPAIR CORP.** **45 WALTON STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**AST**	**A100178151** **N/A**
X169 **West** **1/8-1/4** **0.221 mi.** **1166 ft.** **Relative:** **Higher**	**AVALON INDUSTRIES INC** **95 LORIMER ST** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-NonGen** **FINDS**	**1000290354** **NYD001233402**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
Y170 **East** **1/8-1/4** **0.222 mi.** **1173 ft.** **Relative:** **Higher**	**L.J.S.T. REALTY** **45 COOK STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**AST**	**A100294723** **N/A**
T171 **ENE** **1/8-1/4** **0.224 mi.** **1185 ft.** **Relative:** **Higher**	**30 FAMILY APT HOUSE** **77 VARET ST** **BROOKLYN, NY 11206** **Click here for full text details**	**AST** **HIST AST**	**U003384666** **N/A**
Y172 **East** **1/8-1/4** **0.230 mi.** **1215 ft.** **Relative:** **Higher**	**P S 257** **60 COOK ST** **BKLN, NY 11206** **Click here for full text details**	**AST** **HIST AST** **MANIFEST**	**U003394210** **N/A**
Y173 **East** **1/8-1/4** **0.230 mi.** **1215 ft.** **Relative:** **Higher**	**NYC BD OF ED - PUBLIC SCHOOL 257 BKLYN** **60 COOK ST** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-CESQG** **FINDS**	**1004755781** **NY0000375469**
V174 **SW** **1/8-1/4** **0.231 mi.** **1218 ft.** **Relative:** **Lower**	**MTA NYCT - FLUSHING AVE STATION G LINE** **FLUSHING & UNION AVE** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-CESQG** **FINDS** **MANIFEST** **MANIFEST**	**1001203025** **NYR000043455**
Z175 **NW** **1/8-1/4** **0.235 mi.** **1240 ft.** **Relative:** **Higher**	**SERVICE STATION** **152 UNION AVE** **BROOKLYN, NY 11206** **Click here for full text details**	**RCRA-NonGen** **FINDS**	**1000432489** **NYD000824201**

Z176
NW
1/8-1/4
0.235 mi.
1240 ft.

Relative:
Higher

BP AMOCO SERVICE STATION #48360
152 UNION AVENUE
BROOKLYN, NY 11211

UST
HIST UST
NY Spills

U001833054
N/A

Click here for full text details

UST
Date Tank Closed: 1990-12-01 00:00:00
Date Tank Closed: 1990-12-01 00:00:00
Date Tank Closed: 1990-12-01 00:00:00
Date Tank Closed: 1996-08-01 00:00:00
Date Tank Closed: 1990-12-01 00:00:00
Date Tank Closed: 1990-12-01 00:00:00
Date Tank Closed: 1990-12-01 00:00:00
Date Tank Closed: 1990-12-01 00:00:00
Date Tank Closed: 1990-12-01 00:00:00
Date Tank Closed: 1990-12-01 00:00:00

NY Spills
Date Closed: 8/1/2006

177
ENE
1/8-1/4
0.235 mi.
1243 ft.

Relative:
Higher

HELEN LEVINE
73 GRAHAM AVE
BROOKLYN, NY 11206

AST
HIST AST

U003386747
N/A

Click here for full text details

178
NNW
1/8-1/4
0.236 mi.
1247 ft.

Relative:
Higher

NYNEX
18 BOERUM STREET
BROOKLYN, NY 11206

TANKS

S110771804
N/A

Click here for full text details

Z179
NW
1/8-1/4
0.239 mi.
1263 ft.

Relative:
Higher

LINCOLN PROPERTIES DEVELOPMENT, LLC
531 BROADWAY
BROOKLYN, NY 11206

UST

U004078502
N/A

Click here for full text details

UST
Date Tank Closed: 2004-09-01 00:00:00

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
Z180 **NW** **1/8-1/4** **0.239 mi.** **1263 ft.** **Relative:** **Higher**	**DIME SAVINGS BANK. FBS** **531 BROADWAY** **BROOKLYN, NY 11206** **Click here for full text details**	**HIST UST**	**U003397310** **N/A**
Z181 **NW** **1/8-1/4** **0.239 mi.** **1263 ft.** **Relative:** **Higher**	**LINCOLN PROPERTIES DEVELOPMENT, LLC** **531 BROADWAY** **BROOKLYN, NY 11206** **Click here for full text details**	**AST**	**A100294838** **N/A**
X182 **WSW** **1/8-1/4** **0.240 mi.** **1265 ft.** **Relative:** **Lower**	**429 MARCY AVENUE** **429 MARCY AVENUE** **BROOKLYN, NY 11206** **Click here for full text details** **UST** Date Tank Closed: 2005-04-14 00:00:00 Date Tank Closed: 2005-04-14 00:00:00 Date Tank Closed: 2005-04-14 00:00:00 Date Tank Closed: 2005-04-14 00:00:00 Date Tank Closed: 2005-04-14 00:00:00	**UST**	**U004045550** **N/A**
X183 **WSW** **1/8-1/4** **0.241 mi.** **1272 ft.** **Relative:** **Lower**	**CGS BUILDER** **MARCY AVE** **BROOKLYN, NY 11211** **Click here for full text details**	**RCRA-NonGen** **MANIFEST**	**1008404389** **NYR000133769**
X184 **WSW** **1/8-1/4** **0.241 mi.** **1275 ft.** **Relative:** **Lower**	**UNKNOWN RESIDENCE** **420 MARCY AVE** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 11/4/2005 **NY Spills** Date Closed: 7/26/2005	**LTANKS** **MANIFEST** **NY Spills**	**S106970053** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
X185 **West** **1/8-1/4** **0.243 mi.** **1283 ft.** **Relative:** **Higher**	**M.B.M. MFG.** **70 LORIMER STREET** **BROOKLYN, NY 11206** **Click here for full text details**	**UST**	**U004047473** **N/A**
186 **WSW** **1/4-1/2** **0.293 mi.** **1548 ft.** **Relative:** **Lower**	**CONSTRUCTION SITE** **5 WALTON AVE** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 3/7/2003 **HIST LTANKS** Date Closed: / /	**LTANKS** **HIST LTANKS**	**S102960158** **N/A**
AA187 **NW** **1/4-1/2** **0.309 mi.** **1633 ft.** **Relative:** **Higher**	**ENGINE CO. 216/LADD. CO. 108 FDNY -DDC** **187 UNION AVENUE** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 1/13/2005	**LTANKS** **NY Spills** **NY Hist Spills**	**S104073416** **N/A**
AA188 **NW** **1/4-1/2** **0.309 mi.** **1633 ft.** **Relative:** **Higher**	**187 UNION AVENUE / BROOKL** **187 UNION AVE** **BROOKLYN, NY** **Click here for full text details** **HIST LTANKS** Date Closed: / /	**HIST LTANKS**	**S102662540** **N/A**
AB189 **East** **1/4-1/2** **0.313 mi.** **1655 ft.** **Relative:** **Higher**	**24 HUMBOLDT ST** **24 HUMBOLDT ST** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 11/2/2005 **NY Spills** Date Closed: 11/19/2007	**LTANKS** **NY Spills** **NY Hist Spills**	**S102143036** **N/A**

24 HUMBOLDT ST (Continued) **S102143036**

Date Closed: 11/16/1994
Date Closed: 6/8/1994
Date Closed: 12/29/1992
Date Closed: 7/7/1992
Date Closed: 9/6/1994

AB190
East
1/4-1/2
0.313 mi.
1655 ft.

Relative:
Higher

BUSHWICK HOUSES
24 HUMBOLDT STREET
BROOKLYN, NY

HIST LTANKS **S101658432**
NY Hist Spills **N/A**

Click here for full text details

HIST LTANKS
Date Closed: / /

AC191
NW
1/4-1/2
0.323 mi.
1707 ft.

Relative:
Higher

306 RUTLEDGE ST.
306 RUTLEDGE ST.
WILLIAMSBURG, NY

HIST LTANKS **S106703614**
N/A

Click here for full text details

HIST LTANKS
Date Closed: / /

192
NNW
1/4-1/2
0.326 mi.
1720 ft.

Relative:
Higher

APARTMENT BLDG
30 MONTROSE AV
BROOKLYN, NY

HIST LTANKS **S105055138**
NY Spills **N/A**

Click here for full text details

HIST LTANKS
Date Closed: / /

NY Spills
Date Closed: 9/4/2009
Date Closed: 4/22/2011

AA193
NW
1/4-1/2
0.327 mi.
1729 ft.

Relative:
Higher

JOHNSON AVE. & BROADWAY
JOHNSON AVE AND BROADWAY
BROOKLYN, NY

LTANKS **S100560449**
HIST LTANKS **N/A**

Click here for full text details

LTANKS
Date Closed: 8/13/1993

HIST LTANKS
Date Closed: 08/13/93

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AD194 **West** **1/4-1/2** **0.335 mi.** **1771 ft.** **Relative:** **Higher**	**UNITED STATES ARMORY** **355 MARCY AVE** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 10/7/1992 **NY Spills** Date Closed: 2/21/1996	**LTANKS** **MANIFEST** **NY Spills** **NY Hist Spills**	**S103569544** **N/A**
AD195 **West** **1/4-1/2** **0.335 mi.** **1771 ft.** **Relative:** **Higher**	**ARMY NAT'L GUARD BUILDING** **355 MARCY AVENUE** **BROOKLYN, NY** **Click here for full text details** **HIST LTANKS** Date Closed: 10/07/92	**HIST LTANKS** **NY Hist Spills**	**S102239181** **N/A**
AE196 **ENE** **1/4-1/2** **0.339 mi.** **1791 ft.** **Relative:** **Higher**	**BORINQUEN PLAZA** **110 HUMBOLDT STREET** **BROOKLYN, NY 11206** **Click here for full text details** **LTANKS** Date Closed: 11/10/2010 **HIST LTANKS** Date Closed: / / **UST** Date Tank Closed: 2000-03-01 00:00:00	**LTANKS** **HIST LTANKS** **UST** **HIST UST**	**U002034215** **N/A**
AC197 **NW** **1/4-1/2** **0.343 mi.** **1812 ft.** **Relative:** **Higher**	**306 RUTLEDGE ST/BKLYN** **306 RUTLEDGE STREET** **NEW YORK CITY, NY** **Click here for full text details** **HIST LTANKS** Date Closed: / /	**HIST LTANKS**	**S106703313** **N/A**

AC198
NW
1/4-1/2
0.343 mi.
1812 ft.

Relative:
Higher

BROOKLYN NORTH 3+3A SITE
306 RUTLEDGE ST
BROOKLYN, NY

HIST LTANKS

S102233321
N/A

Click here for full text details

HIST LTANKS
Date Closed: / /

AC199
NW
1/4-1/2
0.343 mi.
1812 ft.

Relative:
Higher

NYC DDC
306 RUTLEDGE ST
BROOKLYN, NY

LTANKS
HIST LTANKS
NY Spills

S104621574
N/A

Click here for full text details

LTANKS
Date Closed: 3/2/2005
Date Closed: 3/2/2005
Date Closed: 6/23/2008

HIST LTANKS
Date Closed: / /

AA200
NNW
1/4-1/2
0.348 mi.
1837 ft.

Relative:
Higher

211 UNION AVE. DIESEL LEA
211 UNION AVE
NEW YORK CITY, NY

HIST LTANKS

S100144696
N/A

Click here for full text details

HIST LTANKS
Date Closed: / /

AE201
ENE
1/4-1/2
0.350 mi.
1849 ft.

Relative:
Higher

COOPER TANK & WELDING CO.
222-26 SIEGAL AVE
BROOKLYN, NY 11206

SWF/LF

S105841714
N/A

Click here for full text details

AE202
NE
1/4-1/2
0.350 mi.
1850 ft.

Relative:
Higher

BORINQUEN PLAZA
120 HUMBOLDT STREET
BROOKLYN, NY 11206

LTANKS
HIST LTANKS
UST
HIST UST

U002034216
N/A

Click here for full text details

LTANKS
Date Closed: 10/28/2010

HIST LTANKS

BORINQUEN PLAZA (Continued) **U002034216**

Date Closed: / /

UST
Date Tank Closed: 2000-03-01 00:00:00

AA203
NNW
1/4-1/2
0.352 mi.
1856 ft.

Relative: Higher

90 PRECINCT NYPD -DDC
209 UNION AVENUE
BROOKLYN, NY

LTANKS **S102238705**
NY Spills **N/A**
NY Hist Spills

Click here for full text details

LTANKS
Date Closed: 1/10/2005

NY Spills
Date Closed: 4/4/2005

204
WSW
1/4-1/2
0.355 mi.
1872 ft.

Relative: Lower

SLATTERY J B & BROS INC
171-187 WALLABOUT ST
BROOKLYN, NY 11206

CERC-NFRAP **1000421759**
RCRA-NonGen **NYD001288349**
FINDS
MANIFEST

Click here for full text details

205
ENE
1/4-1/2
0.357 mi.
1885 ft.

Relative: Higher

130 MOORE ST
BROOKLYN, NY

LTANKS **S105999336**
N/A

Click here for full text details

LTANKS
Date Closed: 7/2/2003

206
NNW
1/4-1/2
0.359 mi.
1896 ft.

Relative: Higher

209 UNION AVENUE
209 UNION AVE - 90TH PCT
BROOKLYN, NY

LTANKS **S102672924**
HIST LTANKS **N/A**

Click here for full text details

LTANKS
Date Closed: 5/18/1995

HIST LTANKS
Date Closed: 05/18/95

AE207
NE
1/4-1/2
0.363 mi.
1914 ft.

Relative:
Higher

VERINQUIN
130 HUMBOLT ST
BROOKLYN, NY

HIST LTANKS — **S104191731**
N/A

Click here for full text details

HIST LTANKS
Date Closed: / /

AE208
NE
1/4-1/2
0.363 mi.
1914 ft.

Relative:
Higher

BORINQUEN PLAZA
130 HUMBOLDT STREET
BROOKLYN, NY

LTANKS
NY Spills — **S108058411**
N/A

Click here for full text details

LTANKS
Date Closed: 1/8/2004
Date Closed: 1/8/2004

NY Spills
Date Closed: 8/15/2006
Date Closed: 11/14/1994

AE209
NE
1/4-1/2
0.363 mi.
1914 ft.

Relative:
Higher

BORINQUEN HOUSES
130 HUMBOLDT STREET
BROOKLYN, NY 11206

HIST LTANKS
UST
HIST UST — **U001840744**
N/A

Click here for full text details

HIST LTANKS
Date Closed: / /

UST
Date Tank Closed: 2000-07-01 00:00:00

AE210
ENE
1/4-1/2
0.366 mi.
1931 ft.

Relative:
Higher

BORINQUEN HOUSES
155 SIEGEL STREET
BROOKLYN, NY

LTANKS
HIST LTANKS — **S102959968**
N/A

Click here for full text details

LTANKS
Date Closed: 1/12/1998
Date Closed: 7/12/2010

HIST LTANKS
Date Closed: / /

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AE211 **ENE** **1/4-1/2** **0.366 mi.** **1931 ft.** **Relative:** **Higher**	**BORINQUEN PLAZA** **155 SIEGEL STREET** **NEW YORK CITY, NY** **Click here for full text details** **HIST LTANKS** Date Closed: 01/12/98	**HIST LTANKS**	**S100146915** **N/A**
212 **WSW** **1/4-1/2** **0.386 mi.** **2040 ft.** **Relative:** **Lower**	**NOSTRAND AVE & FLUSHING A** **NOSTRAND AVE & FLUSHING A** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 11/8/1993 **HIST LTANKS** Date Closed: 11/08/93	**LTANKS** **HIST LTANKS**	**S100782053** **N/A**
AF213 **SW** **1/4-1/2** **0.409 mi.** **2162 ft.** **Relative:** **Higher**	**MARCIE HOUSES - BLDG 9** **NOSTRAND AND PARK AVE** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 12/9/2003 **HIST LTANKS** Date Closed: / /	**LTANKS** **HIST LTANKS**	**S105054636** **N/A**
AF214 **SW** **1/4-1/2** **0.409 mi.** **2162 ft.** **Relative:** **Higher**	**MARCY HOUSES** **603 PARK AVE** **BROOKLYN, NY** **Click here for full text details** **LTANKS** Date Closed: 12/11/2007 Date Closed: 12/9/2005 Date Closed: 12/11/2007 **HIST LTANKS** Date Closed: / / Date Closed: / / Date Closed: / / Date Closed: / /	**LTANKS** **HIST LTANKS** **HIST AST**	**S101102893** **N/A**

AG215
ENE
1/4-1/2
0.422 mi.
2229 ft.

Relative:
Higher

BORINQUEN HOUSES
330 BUSHWICK AVENUE
BROOKLYN, NY 11206

LTANKS
HIST LTANKS
UST
HIST UST
NY Spills

U002034218
N/A

Click here for full text details

LTANKS
Date Closed: 12/9/2005

HIST LTANKS
Date Closed: / /
Date Closed: / /

UST
Date Tank Closed: 2000-07-01 00:00:00

NY Spills
Date Closed: 10/28/2010

AG216
ENE
1/4-1/2
0.429 mi.
2265 ft.

Relative:
Higher

BORINQUEN HOUSES
300 BUSHWICK AVENUE
BROOKLYN, NY 11206

LTANKS
HIST LTANKS
UST
HIST UST

U002034217
N/A

Click here for full text details

LTANKS
Date Closed: 2/2/1998
Date Closed: 1/13/1998
Date Closed: 2/6/2004

HIST LTANKS
Date Closed: 02/02/98

UST
Date Tank Closed: 2000-07-01 00:00:00

AG217
ENE
1/4-1/2
0.429 mi.
2265 ft.

Relative:
Higher

BORINQUEN HOUSE
300 BUSHWICK AVENUE
BROOKLYN, NY

HIST LTANKS

S102959975
N/A

Click here for full text details

HIST LTANKS
Date Closed: / /

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
AG218 **ENE** **1/4-1/2** **0.429 mi.** **2265 ft.** **Relative:** **Higher**	**BORINQUEN PLAZA** **300 BUSHWICK AVENUE** **NEW YORK CITY, NY** **Click here for full text details** **HIST LTANKS** Date Closed: 01/13/98	**HIST LTANKS**	**S100146685** **N/A**
AH219 **SW** **1/4-1/2** **0.430 mi.** **2269 ft.** **Relative:** **Higher**	**BORDEN CHEMICAL** **56 NOSTRAND AVE.** **BROOKLYN, NY** **Click here for full text details**	**HSWDS**	**S108146439** **N/A**
AH220 **SW** **1/4-1/2** **0.430 mi.** **2269 ft.** **Relative:** **Higher**	**BORDEN CHEMICAL ADHESIVES & CHEM** **56 NOSTRAND AVE** **BROOKLYN, NY 11205** **Click here for full text details**	**CERC-NFRAP** **RCRA-NonGen** **FINDS**	**1000186343** **NYD012497335**
221 **South** **1/4-1/2** **0.438 mi.** **2312 ft.** **Relative:** **Higher**	**TOMPKINS HOUSES** **921 MYRTLE AVENUE** **BROOKLYN, NY** **Click here for full text details** **HIST LTANKS** Date Closed: / /	**HIST LTANKS**	**S100781878** **N/A**
222 **ENE** **1/4-1/2** **0.439 mi.** **2318 ft.** **Relative:** **Higher**	**BUSHWICK** **372 BUSHWICK AVE** **BROOKLYN, NY** **Click here for full text details** **HIST LTANKS** Date Closed: / /	**HIST LTANKS**	**S100145717** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
223 WSW 1/4-1/2 0.439 mi. 2319 ft. Relative: Lower	**204 WALLABOUT /NEW ERA 204 WALLABOUT NEW YORK CITY, NY** Click here for full text details **LTANKS** Date Closed: 3/5/2003 **HIST LTANKS** Date Closed: / /	**LTANKS HIST LTANKS**	**S106703218 N/A**
224 ESE 1/4-1/2 0.447 mi. 2360 ft. Relative: Higher	**GONZALEZ RESIDENCE 29 BEAVER ST BROOKLYN, NY** Click here for full text details **LTANKS** Date Closed: 3/21/2006	**LTANKS**	**S107658820 N/A**
225 WSW 1/4-1/2 0.448 mi. 2365 ft. Relative: Higher	**30 WARSOFF PLACE/BKLYN 30 WARSOFF PLACE NEW YORK CITY, NY** Click here for full text details **LTANKS** Date Closed: 9/30/1992 **HIST LTANKS** Date Closed: 09/30/92	**LTANKS HIST LTANKS**	**S100144944 N/A**
226 WSW 1/4-1/2 0.471 mi. 2487 ft. Relative: Higher	**TECHTRONICS ECOLOGICAL CORP 8 WALWORTH ST NEW YORK, NY 11205** Click here for full text details	**CORRACTS RCRA-NonGen FINDS MANIFEST**	**1000244308 NYD000824334**
227 SSE 1/4-1/2 0.478 mi. 2524 ft. Relative: Higher	**BEDFORD AUTO SALES 984 MYRTLE AVE BROOKLYN, NY 11206** Click here for full text details	**SWF/LF**	**S108145701 N/A**

228
WNW
1/4-1/2
0.479 mi.
2529 ft.

Relative:
Higher

GULF STATION 70227 TTF
189 PENN. AVE
BROOKLYN, NY

LTANKS

S110045410
N/A

Click here for full text details

AI229
North
1/4-1/2
0.482 mi.
2544 ft.

Relative:
Higher

WILLIAMSBURGH HOUSES
125 STAGG WALK
BROOKLYN, NY 11206

HIST LTANKS
UST
HIST UST
AST
HIST AST

U001840731
N/A

Click here for full text details

HIST LTANKS
Date Closed: / /

UST
Date Tank Closed: 2001-05-01 00:00:00
Date Tank Closed: 2001-05-01 00:00:00

AI230
North
1/4-1/2
0.482 mi.
2544 ft.

Relative:
Higher

WILLIAMSBURGH HOUSES
211 STAGGWALK
BROOKLYN, NY

HIST LTANKS

S103558693
N/A

Click here for full text details

HIST LTANKS
Date Closed: / /

AI231
North
1/4-1/2
0.482 mi.
2544 ft.

Relative:
Higher

WILLIAMSBURG HOUSES
125 STAGG WALK
BROOKLYN, NY

LTANKS
HIST LTANKS
NY Spills
NY Hist Spills

S102672842
N/A

Click here for full text details

LTANKS
Date Closed: 3/29/1999
Date Closed: 1/8/2004
Date Closed: 12/2/2005
Date Closed: 1/8/2004

HIST LTANKS
Date Closed: / /
Date Closed: / /
Date Closed: 03/29/99

NY Spills
Date Closed: 4/3/1995

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
232 WSW 1/2-1 0.622 mi. 3285 ft. Relative: Higher	**SKILLMAN STATION SKILLMAN ST. FLUSHING AND BEDFORD AVES., AND PARK ST BROOKLYN, NY 11205 Click here for full text details**	**Manufactured Gas Plants**	**1008407900 N/A**
233 WSW 1/2-1 0.641 mi. 3383 ft. Relative: Higher	**NASSAU GAS SKILLMAN AVE BROOKLYN, NY 11205 Click here for full text details**	**Manufactured Gas Plants**	**1008407895 N/A**
234 WSW 1/2-1 0.755 mi. 3984 ft. Relative: Higher	**RUTLEDGE STATION RUTLEDGE ST. WYTHE AND KENT AVE AND WALLABOUT AND HEYARD ST BROOKLYN, NY 11205 Click here for full text details**	**Manufactured Gas Plants**	**1008407898 N/A**
235 NE 1/2-1 0.799 mi. 4219 ft. Relative: Higher	**SCHOLES ST. STATION SCHOLES ST 7 BOGART STS. MESSEROLE AND MORGAN AVE. BROOKLYN, NY 11206 Click here for full text details**	**Manufactured Gas Plants**	**1008407899 N/A**
236 West 1/2-1 0.832 mi. 4394 ft. Relative: Higher	**KEAP ST. STATION KEAP ST. WYTHE AVE. HOOPER ST. AND KENT AVE BROOKLYN, NY 11211 Click here for full text details**	**Manufactured Gas Plants**	**1008407893 N/A**
237 NNW 1/2-1 0.901 mi. 4758 ft. Relative: Higher	**BQE/ANSBACHER COLOR & DYE FACTORY MEEKER AVENUE BROOKLYN, NY Click here for full text details SHWS Class Code: Does not present a significant threat to the public health or the environment - action may be deferred.**	**SHWS**	**S106780917 N/A**

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
NY	AIRS	Air Emissions Data	Department of Environmental Conservation	12/31/2010	08/24/2011	11/03/2011
NY	AST	Petroleum Bulk Storage	Department of Environmental Conservation	01/03/2012	01/05/2012	01/25/2012
NY	BROWNFIELDS	Brownfields Site List	Department of Environmental Conservation	02/22/2012	02/24/2012	03/28/2012
NY	CBS	Chemical Bulk Storage Site Listing	Department of Environmental Conservation	01/03/2012	01/05/2012	01/27/2012
NY	CBS AST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	CBS UST	Chemical Bulk Storage Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	COAL ASH	Coal Ash Disposal Site Listing	Department of Environmental Conservation	01/11/2012	01/11/2012	01/27/2012
NY	DEL SHWS	Delisted Registry Sites	Department of Environmental Conservation	02/22/2012	02/24/2012	03/28/2012
NY	DRYCLEANERS	Registered Drycleaners	Department of Environmental Conservation	12/20/2011	12/30/2011	01/25/2012
NY	E DESIGNATION	E DESIGNATION SITE LISTING	New York City Department of City Planning	10/05/2011	01/03/2012	01/25/2012
NY	ENG CONTROLS	Registry of Engineering Controls	Department of Environmental Conservation	02/22/2012	02/24/2012	03/28/2012
NY	ERP	Environmental Restoration Program Listing	Department of Environmental Conservation	02/22/2012	02/24/2012	03/28/2012
NY	FINANCIAL ASSURANCE 1	Financial Assurance Information Listing	Department of Environmental Conservation	01/10/2012	01/11/2012	01/27/2012
NY	FINANCIAL ASSURANCE 2	Financial Assurance Information Listing	Department of Environmental Conservation	10/31/2008	11/25/2008	12/11/2008
NY	HIST AST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006
NY	HIST LTANKS	Listing of Leaking Storage Tanks	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005
NY	HIST SPILLS	SPILLS Database	Department of Environmental Conservation	01/01/2002	07/08/2005	07/14/2005
NY	HIST UST	Historical Petroleum Bulk Storage Database	Department of Environmental Conservation	01/01/2002	06/02/2006	07/20/2006
NY	HSWDS	Hazardous Substance Waste Disposal Site Inventory	Department of Environmental Conservation	01/01/2003	10/20/2006	11/30/2006
NY	INST CONTROL	Registry of Institutional Controls	Department of Environmental Conservation	02/22/2012	02/24/2012	03/28/2012
NY	LIENS	Spill Liens Information	Office of the State Comptroller	02/14/2012	02/16/2012	03/09/2012
NY	LTANKS	Spills Information Database	Department of Environmental Conservation	02/22/2012	02/24/2012	03/28/2012
NY	MOSF	Major Oil Storage Facility Site Listing	Department of Environmental Conservation	01/03/2012	01/05/2012	01/27/2012
NY	MOSF AST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	MOSF UST	Major Oil Storage Facilities Database	NYSDEC	01/01/2002	02/20/2002	03/22/2002
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/10/2012	02/09/2012	03/09/2012
NY	RES DECL	Restrictive Declarations Listing	NYC Department of City Planning	11/18/2010	12/23/2010	02/11/2011
NY	SHWS	Inactive Hazardous Waste Disposal Sites in New York State	Department of Environmental Conservation	02/22/2012	02/24/2012	03/28/2012
NY	SPDES	State Pollutant Discharge Elimination System	Department of Environmental Conservation	10/18/2011	10/19/2011	11/15/2011
NY	SPILLS	Spills Information Database	Department of Environmental Conservation	02/22/2012	02/24/2012	03/28/2012
NY	SWF/LF	Facility Register	Department of Environmental Conservation	01/11/2012	01/11/2012	01/27/2012
NY	SWRCY	Registered Recycling Facility List	Department of Environmental Conservation	01/11/2012	01/11/2012	01/27/2012
NY	SWTIRE	Registered Waste Tire Storage & Facility List	Department of Environmental Conservation	08/01/2006	11/15/2006	11/30/2006
NY	TANKS	Storage Tank Faciliy Listing	Department of Environmental Conservation	01/03/2012	01/05/2012	01/27/2012
NY	UIC	Underground Injection Control Wells	Department of Environmental Conservation	12/12/2011	12/14/2011	01/24/2012
NY	UST	Petroleum Bulk Storage (PBS) Database	Department of Environmental Conservation	01/03/2012	01/05/2012	01/25/2012
NY	VAPOR REOPENED	Vapor Intrustion Legacy Site List	Department of Environmenal Conservation	08/01/2011	08/26/2011	09/16/2011
NY	VCP	Voluntary Cleanup Agreements	Department of Environmental Conservation	02/22/2012	02/24/2012	03/28/2012
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2009	03/01/2011	05/02/2011
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	12/27/2011	02/27/2012	03/12/2012
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	12/28/2011	02/27/2012	03/12/2012
US	COAL ASH DOE	Sleam-Electric Plan Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	08/17/2010	01/03/2011	03/21/2011
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/01/2011	01/25/2012	03/01/2012
US	CORRACTS	Corrective Action Report	EPA	08/19/2011	08/31/2011	01/10/2012
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DELISTED NPL	National Priority List Deletions	EPA	09/07/2011	10/12/2011	03/01/2012

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/29/2011	08/09/2011	11/11/2011
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	10/03/2011	10/04/2011	11/11/2011
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	12/10/2010	01/11/2011	02/16/2011
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	10/23/2011	12/13/2011	03/01/2012
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	12/31/2009	08/12/2010	12/02/2010
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	10/04/2011	10/04/2011	11/11/2011
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	07/20/2011	11/10/2011	01/10/2012
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/01/2011	11/01/2011	11/11/2011
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	11/02/2011	11/04/2011	11/11/2011
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	12/14/2011	12/15/2011	01/10/2012
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	09/12/2011	09/13/2011	11/11/2011
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	11/01/2011	11/21/2011	01/10/2012
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	08/18/2011	08/19/2011	09/13/2011
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	12/05/2011	12/07/2011	01/10/2012
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/01/2011	11/01/2011	11/11/2011
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	11/02/2011	11/04/2011	11/11/2011
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	12/14/2011	12/15/2011	01/10/2012
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	07/01/2011	08/26/2011	09/13/2011
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/10/2011	05/11/2011	06/14/2011
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	11/01/2011	11/21/2011	01/10/2012
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	08/18/2011	08/19/2011	09/13/2011
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	11/28/2011	11/29/2011	01/10/2012
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	08/04/2011	10/04/2011	11/11/2011
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	09/09/2011	09/16/2011	09/29/2011
US	LUCIS	Land Use Control Information System	Department of the Navy	12/09/2005	12/11/2006	01/11/2007
US	MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/18/2011	09/08/2011	09/29/2011
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	06/21/2011	07/15/2011	09/13/2011
US	Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	NPL	National Priority List	EPA	09/07/2011	10/12/2011	03/01/2012
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	11/01/2010	11/10/2010	02/16/2011
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	Proposed NPL	Proposed National Priority List Sites	EPA	09/07/2011	10/12/2011	03/01/2012
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	01/10/2012	01/12/2012	03/01/2012
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	11/10/2011	01/05/2012	03/12/2012

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	11/10/2011	01/05/2012	03/12/2012
US	RCRA-NonGen	RCRA - Non Generators	Environmental Protection Agency	11/10/2011	01/05/2012	03/12/2012
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	11/10/2011	01/05/2012	03/12/2012
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	11/10/2011	01/05/2012	03/12/2012
US	ROD	Records Of Decision	EPA	09/28/2011	12/14/2011	01/10/2012
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2009	09/01/2011	01/10/2012
US	TSCA	Toxic Substances Control Act	EPA	12/31/2006	09/29/2010	12/02/2010
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/27/2011	06/27/2011	09/13/2011
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	10/07/2011	12/09/2011	01/10/2012
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	12/30/2011	12/30/2011	01/10/2012
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	09/01/2007	11/19/2008	03/30/2009
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	12/30/2011	12/30/2011	01/10/2012
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	02/20/2012	02/20/2012	03/15/2012
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2010	07/20/2011	08/11/2011
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2009	01/26/2012	03/06/2012
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2010	06/24/2011	06/30/2011
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	02/22/2012	02/28/2012	04/05/2012
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2010	08/19/2011	09/15/2011
US	Oil/Gas Pipelines	GeoData Digital Line Graphs from 1:100,000-Scale Maps	USGS			
US	Electric Power Lines	Electric Power Transmission Line Data	Rextag Strategies Corp.			
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
NY	Daycare Centers	Sensitive Receptor: Day Care Providers	Department of Health			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
NY	State Wetlands	Freshwater Wetlands	Department of Environmental Conservation			
US	USGS 7.5’ Topographic Map	Scanned Digital USGS 7.5’ Topographic Map (DRG)	USGS			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

78 THROOP AVENUE
78 THROOP AVENUE
BROOKLYN, NY 11206

TARGET PROPERTY COORDINATES

Latitude (North):	40.7023 - 40˚ 42' 8.28''
Longitude (West):	73.9468 - 73˚ 56' 48.48''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	588976.2
UTM Y (Meters):	4506032.5
Elevation:	13 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).

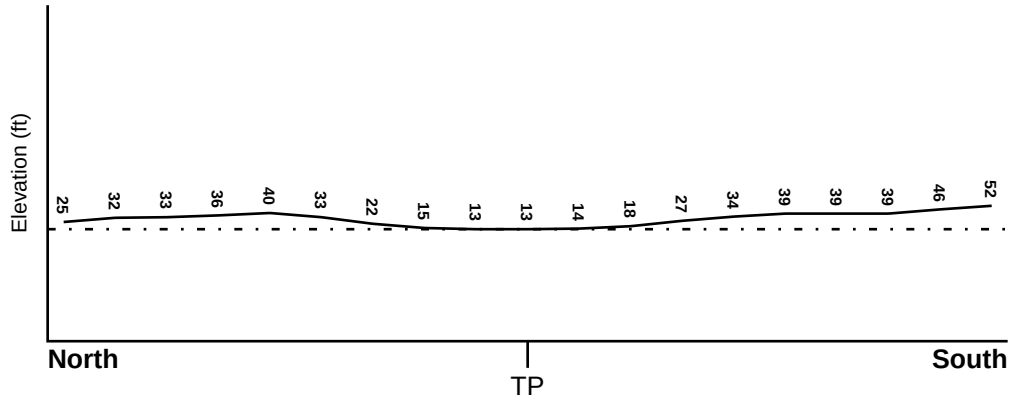
TOPOGRAPHIC INFORMATION

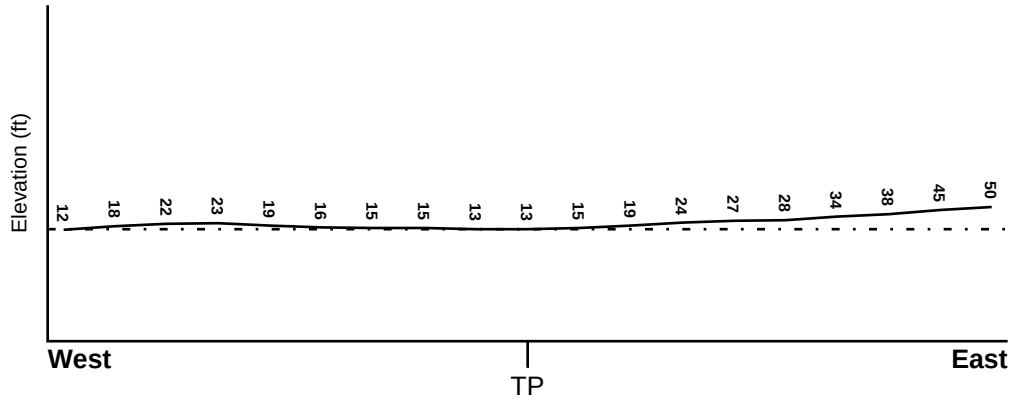
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 13 ft.

0 1/2 1 Miles

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

Target Property County	FEMA Flood Electronic Data
KINGS, NY	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 3604970055B - FEMA Q3 Flood data 3604970056B - FEMA Q3 Flood data 3604970063B - FEMA Q3 Flood data 3604970064B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1 - 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 persent at or near the site
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

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

OTHER SOIL TYPES IN AREA

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

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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS2118628	0 - 1/8 Mile ESE
A2	USGS2118572	1/8 - 1/4 Mile SSW
A3	USGS2479175	1/8 - 1/4 Mile SSW
A4	USGS2118574	1/8 - 1/4 Mile SSW
A5	USGS2118573	1/8 - 1/4 Mile SSW
A6	USGS2118770	1/8 - 1/4 Mile SSW
A7	USGS2574666	1/8 - 1/4 Mile SW
A8	USGS2118771	1/8 - 1/4 Mile SSW
A9	USGS2118772	1/8 - 1/4 Mile SSW
A10	USGS2113402	1/8 - 1/4 Mile SW
A11	USGS2113403	1/8 - 1/4 Mile SW
12	USGS2118729	1/8 - 1/4 Mile SSW
A13	USGS2118750	1/8 - 1/4 Mile SW
14	USGS2118728	1/8 - 1/4 Mile SSE
B15	USGS2118752	1/8 - 1/4 Mile SW
B16	USGS2118751	1/8 - 1/4 Mile SW
B17	USGS2118730	1/8 - 1/4 Mile SSW
C18	USGS2118659	1/8 - 1/4 Mile West
D19	USGS2118598	1/4 - 1/2 Mile WSW
C20	USGS2118660	1/4 - 1/2 Mile West
D21	USGS2574667	1/4 - 1/2 Mile WSW
E22	USGS2118395	1/4 - 1/2 Mile NNE
E23	USGS2118415	1/4 - 1/2 Mile NNE
24	USGS2118356	1/4 - 1/2 Mile NW
F25	USGS2118856	1/4 - 1/2 Mile SW
26	USGS2118249	1/4 - 1/2 Mile North
27	USGS2118444	1/2 - 1 Mile NNE
F28	USGS2118835	1/2 - 1 Mile SW
F29	USGS2118842	1/2 - 1 Mile SW
G30	USGS2118414	1/2 - 1 Mile NE
31	USGS2118416	1/2 - 1 Mile NW
G32	USGS2118426	1/2 - 1 Mile NE
H33	USGS2118597	1/2 - 1 Mile East
H34	USGS2118596	1/2 - 1 Mile East
I35	USGS2118387	1/2 - 1 Mile ENE
36	USGS2118862	1/2 - 1 Mile ESE
J37	USGS2118312	1/2 - 1 Mile NNE
J38	USGS2118311	1/2 - 1 Mile NNE
39	USGS2118514	1/2 - 1 Mile WNW
K40	USGS2118627	1/2 - 1 Mile East
K41	USGS2118626	1/2 - 1 Mile East
I42	USGS2118386	1/2 - 1 Mile ENE
43	USGS2118796	1/2 - 1 Mile SW
44	USGS2118298	1/2 - 1 Mile NNW
45	USGS2118401	1/2 - 1 Mile WNW
46	USGS2118960	1/2 - 1 Mile South
K47	USGS2118647	1/2 - 1 Mile East
K48	USGS2118595	1/2 - 1 Mile East
49	USGS2118385	1/2 - 1 Mile ENE
50	USGS2118467	1/2 - 1 Mile West
51	USGS2118613	1/2 - 1 Mile West
52	USGS2118658	1/2 - 1 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
L53	USGS2118769	1/2 - 1 Mile East
54	USGS2118807	1/2 - 1 Mile SE
55	USGS2118289	1/2 - 1 Mile NE
56	USGS2118491	1/2 - 1 Mile East
57	USGS2118400	1/2 - 1 Mile ENE
58	USGS2118834	1/2 - 1 Mile ESE
M59	USGS2118183	1/2 - 1 Mile NNW
L60	USGS2118594	1/2 - 1 Mile East
M61	USGS2118190	1/2 - 1 Mile NNW
62	USGS2118637	1/2 - 1 Mile West
63	USGS2118022	1/2 - 1 Mile NNE
65	USGS2118880	1/2 - 1 Mile SSE
66	USGS2118921	1/2 - 1 Mile SSW
67	USGS2118072	1/2 - 1 Mile North
68	USGS2118278	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
64	NY0007257	1/2 - 1 Mile NNW

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

STATE DATABASE WELL INFORMATION

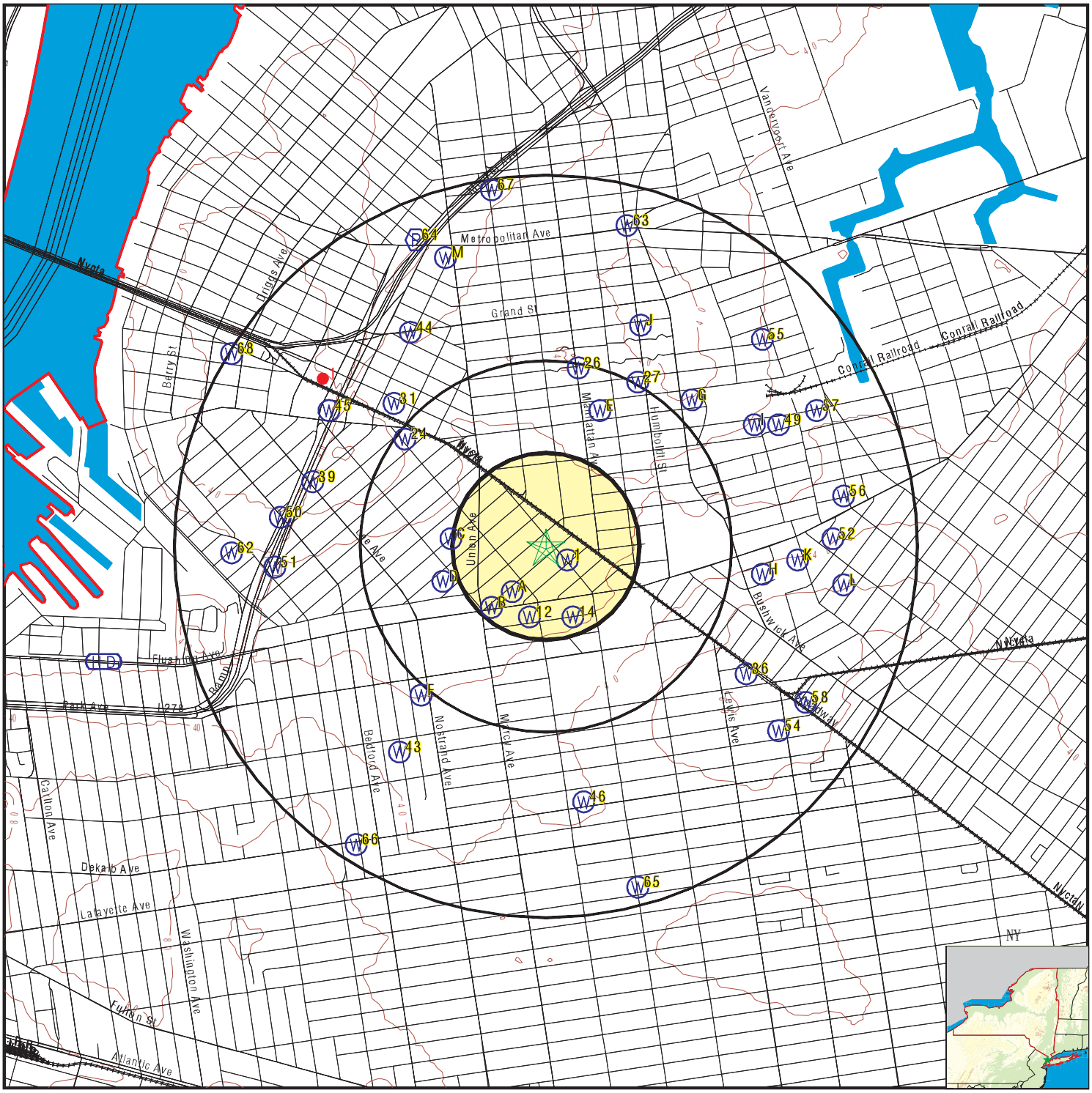
MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

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 - 3313729.2s



0 1/4 1/2 1 Miles

- 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: 78 Throop Avenue ADDRESS: 78 Throop Avenue Brooklyn NY 11206 LAT/LONG: 40.7023 / 73.9468	CLIENT: Env. Business Consultants CONTACT: Dominick Mosca INQUIRY #: 3313729.2s DATE: May 01, 2012 11:21 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **NW** **1/2 - 1 Mile**	Click here for full text details	**OIL_GAS**	**NYOG70000000029**
1 **ESE** **0 - 1/8 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118628**
A2 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118572**
A3 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2479175**
A4 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118574**
A5 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118573**
A6 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118770**
A7 **SW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2574666**
A8 **SSW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2118771**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
A9 **SSW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2118772**
A10 **SW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2113402**
A11 **SW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2113403**
12 **SSW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118729**
A13 **SW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2118750**
14 **SSE** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118728**
B15 **SW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2118752**
B16 **SW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2118751**
B17 **SSW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2118730**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
C18 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118659**
D19 **WSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118598**
C20 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118660**
D21 **WSW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS2574667**
E22 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118395**
E23 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118415**
24 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118356**
F25 **SW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118856**
26 **North** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118249**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
27 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118444**
F28 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118835**
F29 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118842**
G30 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118414**
31 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118416**
G32 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118426**
H33 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118597**
H34 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118596**
I35 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118387**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
36 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118862**
J37 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118312**
J38 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118311**
39 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118514**
K40 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118627**
K41 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118626**
I42 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118386**
43 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118796**
44 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118298**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
45 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118401**
46 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118960**
K47 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118647**
K48 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118595**
49 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118385**
50 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118467**
51 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118613**
52 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118658**
L53 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118769**

Map ID Direction Distance Elevation		Database	EDR ID Number
54 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118807**
55 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118289**
56 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118491**
57 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118400**
58 **ESE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118834**
M59 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118183**
L60 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118594**
M61 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118190**
62 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118637**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
63 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118022**
64 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FRDS PWS**	**NY0007257**
65 **SSE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118880**
66 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118921**
67 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118072**
68 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS2118278**

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 >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
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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ATTACHMENT B
SOIL BORING LOGS

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B1 Boring Log

Location: Performed in the front third of the property.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: TRG1303	Address: 82 Throop Ave, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: LVS Inc	Method: Geoprobe	8 feet		Well Specifications
Date Started: 5/13/2013	Date Completed: 5/13/2013			None
Completion Depth: 12 feet	Geologist Kevin Waters			

B1 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	28		0.0	28" - Brown sand with brick/concrete (fill material) *Retained soil sample B1(0-2)* *Retained duplicate soil sample of B1(0-2)*
	to 8	22		0.0	12" - Same as above 10" - Brown sandy silt
	to 12	23		100	23" - Wet, grey stained sand with petroleum odor odor *Retained soil sample B1(8-10)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B2 Boring Log

Location: Performed in the center of the property.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: TRG1303	Address: 82 Throop Ave, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: LVS Inc	Method: Geoprobe	8 feet		Well Specifications
Date Started: 5/13/2013	Date Completed: 5/13/2013			None
Completion Depth: 12 feet	Geologist Kevin Waters			

B2 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	20		0.0	20" - Brown sand with brick/concrete (fill material) **Retained soil sample B2(0-2)*
	to 8	30		0.0	30" - Brown sand with fill material
	to 12	16		25	4" - Wet, brown sand odor 12" - Brown, grey sand with petroleum odor **Retained soil sample B2(8-10)*

Geologic Boring Log Details

ENVIRONMENTAL BUSINESS CONSULTANTS

B3 Boring Log

Location: Performed in the back third of the property.		Depth to Water (ft. from grade.)		Site Elevation Datum
Site Name: TRG1303	Address: 82 Throop Ave, Brooklyn, NY	Date	DTW	Ground Elevation
		Groundwater depth		
Drilling Company: LVS Inc	Method: Geoprobe	8 feet		Well Specifications
Date Started: 5/13/2013	Date Completed: 5/13/2013			None
Completion Depth: 12 feet	Geologist Kevin Waters			

B3 (NTS)	DEPTH (ft below grade)	SAMPLES Reco-very (in.)	Blow per 6 in.	PID (ppm)	SOIL DESCRIPTION
	0				
	to 4	32		0.0	32" - Brown sand with brick/concrete (fill material) *Retained soil sample B3(0-2)*
	to 8	30		0.0	30" - Brown sand with fill material
	to 12	26		0.0	4" - Wet, brown sandy clay *Retained soil sample B3(8-10)*

ATTACHMENT C
GROUNDWATER SAMPLING LOGS

GROUNDWATER PURGE / SAMPLE LOGS

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW1

Date: 5/14/2013

Well Depth (from TOC): 18

Equipment: Check Valve

Static Water Level (from TOC): 10.03

Field Personnel: Kevin Waters

Height of Water in Well: 7.97

Gallons of Water per Well Volume: 0.3188

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	DO (mg/L)	Comments
0.00	11:49	400ml/min	0					turbid
2.00	11:51	400ml/min	0.22					turbid
4.00	11:53	400ml/min	0.44					turbid
6.00	11:55	400ml/min	0.66					turbid
8.00	11:57	400ml/min	0.88					clear
10.00	11:59	400ml/min	1.1					clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW2

Date: 5/14/2013

Well Depth (from TOC): 18

Equipment: Check Valve

Static Water Level (from TOC): 12.34

Field Personnel: Kevin Waters

Height of Water in Well: 5.66

Gallons of Water per Well Volume: 0.2264

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	DO (mg/L)	Comments
0.00	13:10	400ml/min	0					turbid
2.00	13:12	400ml/min	0.22					turbid
4.00	13:14	400ml/min	0.44					clear
6.00	13:16	400ml/min	0.66					clear
8.00	13:18	400ml/min	0.88					clear

Note 400 ml = 0.11 gallons

GROUNDWATER PURGE / SAMPLE LOGS

EBC

ENVIRONMENTAL BUSINESS CONSULTANTS

Well I.D.: MW3

Date: 5/14/2013

Well Depth (from TOC): 18

Equipment: Check Valve

Static Water Level (from TOC): 10.87

Field Personnel: Kevin Waters

Height of Water in Well: 7.13

Gallons of Water per Well Volume: 0.2852

Flow Rate: 400ml/min.

Time	Time (24Hr)	Pump Rate	Gal. Removed	pH	Cond. (µS/cm)	Temp. (ºF)	DO (mg/L)	Comments
0.00	13:48	400ml/min	0					turbid
2.00	13:50	400ml/min	0.22					turbid
4.00	13:52	400ml/min	0.44					turbid
6.00	13:54	400ml/min	0.66					clear
8.00	13:56	400ml/min	0.88					clear

Note 400 ml = 0.11 gallons

ATTACHMENT D
SOIL GAS SAMPLING LOGS

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:
- ☐ Fax #:
- ☒ Email: csosika@ebcinerg.com
- ☐ Phone #:

Report to: EBC

Customer: EBC

Address: Ridge NY

Invoice to: BBC

Sampled by: NW

Project Name: 82 Throop Ave Bklyn NY

Criteria Requested: Deliverable: RCP ☐ MCP ☐

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
79115	SG-1	834	1.4	-30	-5	2870	10	1128	1334	5/14	-30	-8		X			X
79116	SG-2	809	↓	↓	-6	5647	↓	1125	1336	↓	-30	-8		X			X
79117	SG-3	760	↓	↓	-3	5660	↓	1115	1220	↓	-28	-4		X			X
	1.4L 2hr																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]		
[signature]	[signature]	5-15-13	11:10
[signature]	Paradice	5-15-13	1521

Data Format: Excel ☒ Equis ☐ GISKey ☐ PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date:

ATTACHMENT E
LABORATORY REPORTS IN DIGITAL FORMAT

PHOENIX
Environmental Laboratories, Inc.

Thursday, May 23, 2013

Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 82 THROOP AVE.
Sample ID#s: BD78624 - BD78627

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,

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/14/13	0:00
Location Code:	EBC	Received by:	LB	05/14/13	16:33
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78624
Phoenix ID: BD78624

Project ID: 82 THROOP AVE.
Client ID: GW-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Aluminum	2.21	0.010	mg/L	05/16/13	LK	SW6010
Arsenic	< 0.004	0.004	mg/L	05/16/13	LK	SW6010
Barium	0.059	0.002	mg/L	05/16/13	LK	SW6010
Beryllium	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Calcium	479	0.10	mg/L	05/16/13	LK	SW6010
Cadmium	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Cobalt	< 0.002	0.002	mg/L	05/16/13	LK	SW6010
Chromium	0.004	0.001	mg/L	05/16/13	LK	SW6010
Copper	< 0.005	0.005	mg/L	05/16/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Aluminum (Dissolved)	0.85	0.01	mg/L	05/15/13	LK	SW6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	05/15/13	LK	SW6010
Barium (Dissolved)	0.051	0.002	mg/L	05/15/13	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Calcium (Dissolved)	524	0.11	mg/L	05/16/13	LK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Cobalt (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Copper (Dissolved)	< 0.005	0.005	mg/L	05/15/13	LK	SW6010
Iron (Dissolved)	0.535	0.011	mg/L	05/15/13	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	05/15/13	RS	SW7470
Potassium (Dissolved)	17.0	0.1	mg/L	05/15/13	LK	SW6010
Magnesium (Dissolved)	57.0	0.01	mg/L	05/15/13	LK	SW6010
Manganese (Dissolved)	0.184	0.001	mg/L	05/15/13	LK	SW6010
Sodium (Dissolved)	20.7	0.11	mg/L	05/15/13	LK	SW6010
Nickel (Dissolved)	0.004	0.001	mg/L	05/15/13	LK	SW6010
Lead (Dissolved)	0.003	0.002	mg/L	05/15/13	LK	SW6010

Project ID: 82 THROOP AVE.
Client ID: GW-1

Phoenix I.D.: BD78624

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.005	0.005	mg/L	05/15/13	LK	SW6010	
Selenium (Dissolved)	< 0.011	0.011	mg/L	05/15/13	LK	SW6010	
Thallium (Dissolved)	< 0.002	0.002	mg/L	05/16/13	RS	SW7010	
Vanadium (Dissolved)	0.011	0.002	mg/L	05/15/13	LK	SW6010	
Zinc (Dissolved)	0.003	0.002	mg/L	05/15/13	LK	SW6010	
Iron	2.93	0.010	mg/L	05/16/13	LK	SW6010	
Mercury	< 0.0002	0.0002	mg/L	05/15/13	RS	SW7470	
Potassium	17.3	0.1	mg/L	05/16/13	LK	SW6010	
Magnesium	58.5	0.01	mg/L	05/16/13	LK	SW6010	
Manganese	0.124	0.001	mg/L	05/16/13	LK	SW6010	
Sodium	21.9	0.1	mg/L	05/16/13	LK	SW6010	B
Nickel	0.005	0.001	mg/L	05/16/13	LK	SW6010	
Lead	0.012	0.002	mg/L	05/16/13	LK	SW6010	
Antimony	< 0.005	0.005	mg/L	05/16/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	05/16/13	LK	SW6010	
Thallium	< 0.002	0.002	mg/L	05/16/13	RS	SM3113B/SW70	
Vanadium	0.016	0.002	mg/L	05/16/13	LK	SW6010	
Zinc	0.009	0.002	mg/L	05/16/13	LK	SW6010	
Filtration	Completed			05/14/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			05/15/13	X/X	SW7470	
Mercury Digestion	Completed			05/15/13	X/X	SW7470	
PCB Extraction	Completed			05/15/13	L	SW3510C	
Extraction for Pest (2 Liter)	Completed			05/15/13	L	SW3510	
Semi-Volatile Extraction	Completed			05/14/13	i/K/D	SW3520	
Dissolved Metals Preparation	Completed			05/14/13	AG	SW846-3005	
Total Metals Digestion	Completed			05/14/13	AG		

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1221	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1232	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1242	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1248	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1254	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1260	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1262	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1268	ND	0.050	ug/L	05/16/13	AW	8082	
QA/QC Surrogates							
% DCBP	115		%	05/16/13	AW	30 - 150 %	
% TCMX	85		%	05/16/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND*	5.0	ug/L	05/17/13	MH	SW8081	
4,4' -DDE	ND*	5.0	ug/L	05/17/13	MH	SW8081	
4,4' -DDT	ND*	5.0	ug/L	05/17/13	MH	SW8081	
a-BHC	ND*	2.5	ug/L	05/17/13	MH	SW8081	
Alachlor	ND*	7.5	ug/L	05/17/13	MH	SW8081	1
Aldrin	ND*	0.15	ug/L	05/17/13	MH	SW8081	
b-BHC	ND*	0.50	ug/L	05/17/13	MH	SW8081	
Chlordane	ND*	30	ug/L	05/17/13	MH	SW8081	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
d-BHC	ND*	2.5	ug/L	05/17/13	MH	SW8081
Dieldrin	ND*	0.15	ug/L	05/17/13	MH	SW8081
Endosulfan I	ND*	5.0	ug/L	05/17/13	MH	SW8081
Endosulfan II	ND*	5.0	ug/L	05/17/13	MH	SW8081
Endosulfan Sulfate	ND*	5.0	ug/L	05/17/13	MH	SW8081
Endrin	ND*	5.0	ug/L	05/17/13	MH	SW8081
Endrin Aldehyde	ND*	5.0	ug/L	05/17/13	MH	SW8081
Endrin ketone	ND*	5.0	ug/L	05/17/13	MH	SW8081
g-BHC (Lindane)	ND*	2.5	ug/L	05/17/13	MH	SW8081
Heptachlor	ND*	2.5	ug/L	05/17/13	MH	SW8081
Heptachlor epoxide	ND*	2.5	ug/L	05/17/13	MH	SW8081
Methoxychlor	ND*	10	ug/L	05/17/13	MH	SW8081
Toxaphene	ND*	100	ug/L	05/17/13	MH	SW8081
QA/QC Surrogates						
%DCBP (Surrogate Rec)	Diluted Out		%	05/17/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	Diluted Out		%	05/17/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/16/13	H/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	05/16/13	H/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
2-Hexanone	ND	5.0	ug/L	05/16/13	H/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	05/16/13	H/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	05/16/13	H/T	SW8260	
Acetone	ND	25	ug/L	05/16/13	H/T	SW8260	
Acrylonitrile	ND	5.0	ug/L	05/16/13	H/T	SW8260	
Benzene	ND	0.70	ug/L	05/16/13	H/T	SW8260	
Bromobenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	05/16/13	H/T	SW8260	

Project ID: 82 THROOP AVE.
Client ID: GW-1

Phoenix I.D.: BD78624

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Bromomethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	05/16/13	H/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Chloroethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Chloroform	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Chloromethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	05/16/13	H/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	05/16/13	H/T	SW8260	
Dibromomethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	05/16/13	H/T	SW8260	
Isopropylbenzene	2.2	1.0	ug/L	05/16/13	H/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	05/16/13	H/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Methylene chloride	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Naphthalene	1.4	1.0	ug/L	05/16/13	H/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
o-Xylene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
sec-Butylbenzene	3.4	1.0	ug/L	05/16/13	H/T	SW8260	
Styrene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
tert-Butylbenzene	1.5	1.0	ug/L	05/16/13	H/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/16/13	H/T	SW8260	1
Toluene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Total Xylenes	ND	1.0	ug/L	05/16/13	H/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	05/16/13	H/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/16/13	H/T	SW8260	
Trichloroethene	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	05/16/13	H/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/16/13	H/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/16/13	H/T	70 - 130 %	
% Bromofluorobenzene	99		%	05/16/13	H/T	70 - 130 %	
% Dibromofluoromethane	92		%	05/16/13	H/T	70 - 130 %	
% Toluene-d8	98		%	05/16/13	H/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
1,2-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
1,2-Diphenylhydrazine	ND	5.0	ug/L	05/16/13	DD	SW8270	
1,3-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	

Project ID: 82 THROOP AVE.
Client ID: GW-1

Phoenix I.D.: BD78624

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dimethylphenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dinitrophenol	ND	50	ug/L	05/16/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Chloronaphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Chlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2-Methylnaphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	10	ug/L	05/16/13	DD	SW8270	
2-Nitroaniline	ND	50	ug/L	05/16/13	DD	SW8270	
2-Nitrophenol	ND	10	ug/L	05/16/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	05/16/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	50	ug/L	05/16/13	DD	SW8270	
3-Nitroaniline	ND	50	ug/L	05/16/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	50	ug/L	05/16/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	20	ug/L	05/16/13	DD	SW8270	
4-Chloroaniline	ND	20	ug/L	05/16/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
4-Nitroaniline	ND	20	ug/L	05/16/13	DD	SW8270	
4-Nitrophenol	ND	50	ug/L	05/16/13	DD	SW8270	
Acetophenone	ND	5.0	ug/L	05/16/13	DD	SW8270	
Aniline	ND	10	ug/L	05/16/13	DD	SW8270	
Anthracene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Benzidine	ND	50	ug/L	05/16/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	05/16/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	05/16/13	DD	SW8270	1
Carbazole	ND	5.0	ug/L	05/16/13	DD	SW8270	
Dibenzofuran	ND	5.0	ug/L	05/16/13	DD	SW8270	
Diethyl phthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Dimethylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Di-n-butylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Di-n-octylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Fluoranthene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Fluorene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Hexachlorobutadiene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Isophorone	ND	5.0	ug/L	05/16/13	DD	SW8270	
Naphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Nitrobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
Phenol	ND	10	ug/L	05/16/13	DD	SW8270	

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Client ID: GW-1

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	5.6	5.0	ug/L	05/16/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	111		%	05/16/13	DD	15 - 130 %
% 2-Fluorobiphenyl	70		%	05/16/13	DD	30 - 130 %
% 2-Fluorophenol	75		%	05/16/13	DD	15 - 130 %
% Nitrobenzene-d5	113		%	05/16/13	DD	30 - 130 %
% Phenol-d5	87		%	05/16/13	DD	15 - 130 %
% Terphenyl-d14	67		%	05/16/13	DD	30 - 130 %

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	05/15/13	DD	SW8270 (SIM)
Acenaphthene	16	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Acenaphthylene	5.3	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.49	0.040	ug/L	05/15/13	DD	SW8270 (SIM)
Benzo(a)pyrene	0.26	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.35	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	05/15/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.11	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	05/15/13	DD	SW8270 (SIM)
Chrysene	0.61	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.04	0.010	ug/L	05/15/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	05/15/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	05/15/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.12	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	05/15/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	05/15/13	DD	SW8270 (SIM)
Phenanthrene	8.7	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Pyridine	ND	0.50	ug/L	05/15/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	111		%	05/15/13	DD	15 - 130 %
% 2-Fluorobiphenyl	70		%	05/15/13	DD	30 - 130 %
% 2-Fluorophenol	75		%	05/15/13	DD	15 - 130 %
% Nitrobenzene-d5	113		%	05/15/13	DD	30 - 130 %
% Phenol-d5	87		%	05/15/13	DD	15 - 130 %
% Terphenyl-d14	67		%	05/15/13	DD	30 - 130 %

Project ID: 82 THROOP AVE.
Client ID: GW-1

Phoenix I.D.: BD78624

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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.

* 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
May 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/14/13	0:00
Location Code:	EBC	Received by:	LB	05/14/13	16:33
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78624
Phoenix ID: BD78625

Project ID: 82 THROOP AVE.
Client ID: GW-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Aluminum	14.0	0.010	mg/L	05/16/13	LK	SW6010
Arsenic	0.007	0.004	mg/L	05/16/13	LK	SW6010
Barium	0.269	0.002	mg/L	05/16/13	LK	SW6010
Beryllium	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Calcium	242	0.10	mg/L	05/16/13	LK	SW6010
Cadmium	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Cobalt	0.024	0.002	mg/L	05/16/13	LK	SW6010
Chromium	0.029	0.001	mg/L	05/16/13	LK	SW6010
Copper	0.044	0.005	mg/L	05/16/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Aluminum (Dissolved)	1.22	0.01	mg/L	05/15/13	LK	SW6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	05/15/13	LK	SW6010
Barium (Dissolved)	0.094	0.002	mg/L	05/15/13	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Calcium (Dissolved)	240	0.11	mg/L	05/16/13	LK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Cobalt (Dissolved)	0.014	0.001	mg/L	05/15/13	LK	SW6010
Chromium (Dissolved)	0.002	0.001	mg/L	05/15/13	LK	SW6010
Copper (Dissolved)	0.015	0.005	mg/L	05/15/13	LK	SW6010
Iron (Dissolved)	1.26	0.011	mg/L	05/15/13	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	05/15/13	RS	SW7470
Potassium (Dissolved)	17.1	0.1	mg/L	05/15/13	LK	SW6010
Magnesium (Dissolved)	39.3	0.01	mg/L	05/15/13	LK	SW6010
Manganese (Dissolved)	0.215	0.001	mg/L	05/15/13	LK	SW6010
Sodium (Dissolved)	41.0	0.11	mg/L	05/15/13	LK	SW6010
Nickel (Dissolved)	0.023	0.001	mg/L	05/15/13	LK	SW6010
Lead (Dissolved)	0.036	0.002	mg/L	05/15/13	LK	SW6010

Project ID: 82 THROOP AVE.
Client ID: GW-2

Phoenix I.D.: BD78625

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.005	0.005	mg/L	05/15/13	LK	SW6010	
Selenium (Dissolved)	< 0.011	0.011	mg/L	05/15/13	LK	SW6010	
Thallium (Dissolved)	< 0.002	0.002	mg/L	05/16/13	RS	SW7010	
Vanadium (Dissolved)	0.004	0.002	mg/L	05/15/13	LK	SW6010	
Zinc (Dissolved)	0.011	0.002	mg/L	05/15/13	LK	SW6010	
Iron	20.6	0.010	mg/L	05/16/13	LK	SW6010	
Mercury	< 0.0002	0.0002	mg/L	05/15/13	RS	SW7470	
Potassium	20.1	0.1	mg/L	05/16/13	LK	SW6010	
Magnesium	45.1	0.01	mg/L	05/16/13	LK	SW6010	
Manganese	0.433	0.001	mg/L	05/16/13	LK	SW6010	
Sodium	46.5	0.1	mg/L	05/16/13	LK	SW6010	B
Nickel	0.039	0.001	mg/L	05/16/13	LK	SW6010	
Lead	0.192	0.002	mg/L	05/16/13	LK	SW6010	
Antimony	< 0.005	0.005	mg/L	05/16/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	05/16/13	LK	SW6010	
Thallium	< 0.002	0.002	mg/L	05/16/13	RS	SM3113B/SW70	
Vanadium	0.046	0.002	mg/L	05/16/13	LK	SW6010	
Zinc	0.087	0.002	mg/L	05/16/13	LK	SW6010	
Filtration	Completed			05/14/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			05/15/13	X/X	SW7470	
Mercury Digestion	Completed			05/15/13	X/X	SW7470	
PCB Extraction	Completed			05/15/13	L	SW3510C	
Extraction for Pest (2 Liter)	Completed			05/15/13	L	SW3510	
Semi-Volatile Extraction	Completed			05/14/13	I/K/D	SW3520	
Dissolved Metals Preparation	Completed			05/14/13	AG	SW846-3005	
Total Metals Digestion	Completed			05/14/13	AG		

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1221	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1232	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1242	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1248	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1254	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1260	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1262	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1268	ND	0.050	ug/L	05/16/13	AW	8082	
QA/QC Surrogates							
% DCBP	59		%	05/16/13	AW	30 - 150 %	
% TCMX	72		%	05/16/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND*	0.050	ug/L	05/17/13	MH	SW8081	
4,4' -DDE	ND*	0.050	ug/L	05/17/13	MH	SW8081	
4,4' -DDT	0.055	0.050	ug/L	05/17/13	MH	SW8081	
a-BHC	ND*	0.12	ug/L	05/17/13	MH	SW8081	
Alachlor	ND*	0.38	ug/L	05/17/13	MH	SW8081	1
Aldrin	ND*	0.008	ug/L	05/17/13	MH	SW8081	
b-BHC	ND*	0.025	ug/L	05/17/13	MH	SW8081	
Chlordane	ND*	1.5	ug/L	05/17/13	MH	SW8081	

Project ID: 82 THROOP AVE.
Client ID: GW-2

Phoenix I.D.: BD78625

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
d-BHC	ND*	0.12	ug/L	05/17/13	MH	SW8081
Dieldrin	ND*	0.008	ug/L	05/17/13	MH	SW8081
Endosulfan I	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endosulfan II	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endosulfan Sulfate	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endrin	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endrin Aldehyde	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endrin ketone	ND*	0.25	ug/L	05/17/13	MH	SW8081
g-BHC (Lindane)	ND*	0.12	ug/L	05/17/13	MH	SW8081
Heptachlor	ND*	0.12	ug/L	05/17/13	MH	SW8081
Heptachlor epoxide	ND*	0.12	ug/L	05/17/13	MH	SW8081
Methoxychlor	ND*	0.50	ug/L	05/17/13	MH	SW8081
Toxaphene	ND*	5.0	ug/L	05/17/13	MH	SW8081
QA/QC Surrogates						
%DCBP (Surrogate Rec)	Diluted Out		%	05/17/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	Diluted Out		%	05/17/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Acetone	ND	25	ug/L	05/15/13	R/T	SW8260	
Acrylonitrile	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Benzene	ND	0.70	ug/L	05/15/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	

Project ID: 82 THROOP AVE.
Client ID: GW-2

Phoenix I.D.: BD78625

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	05/15/13	R/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	05/15/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Tetrachloroethene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/15/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	05/15/13	R/T	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	05/15/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Trichloroethene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/15/13	R/T	70 - 130 %	
% Bromofluorobenzene	84		%	05/15/13	R/T	70 - 130 %	
% Dibromofluoromethane	97		%	05/15/13	R/T	70 - 130 %	
% Toluene-d8	87		%	05/15/13	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.0	ug/L	05/16/13	DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270

Project ID: 82 THROOP AVE.
Client ID: GW-2

Phoenix I.D.: BD78625

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dimethylphenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dinitrophenol	ND	50	ug/L	05/16/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Chloronaphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Chlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2-Methylnaphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	10	ug/L	05/16/13	DD	SW8270	
2-Nitroaniline	ND	50	ug/L	05/16/13	DD	SW8270	
2-Nitrophenol	ND	10	ug/L	05/16/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	05/16/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	50	ug/L	05/16/13	DD	SW8270	
3-Nitroaniline	ND	50	ug/L	05/16/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	50	ug/L	05/16/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	20	ug/L	05/16/13	DD	SW8270	
4-Chloroaniline	ND	20	ug/L	05/16/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
4-Nitroaniline	ND	20	ug/L	05/16/13	DD	SW8270	
4-Nitrophenol	ND	50	ug/L	05/16/13	DD	SW8270	
Acetophenone	ND	5.0	ug/L	05/16/13	DD	SW8270	
Aniline	ND	10	ug/L	05/16/13	DD	SW8270	
Anthracene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Benzidine	ND	50	ug/L	05/16/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	05/16/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	05/16/13	DD	SW8270	1
Carbazole	ND	5.0	ug/L	05/16/13	DD	SW8270	
Dibenzofuran	ND	5.0	ug/L	05/16/13	DD	SW8270	
Diethyl phthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Dimethylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Di-n-butylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Di-n-octylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Fluoranthene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Fluorene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Hexachlorobutadiene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Isophorone	ND	5.0	ug/L	05/16/13	DD	SW8270	
Naphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Nitrobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
Phenol	ND	10	ug/L	05/16/13	DD	SW8270	

Project ID: 82 THROOP AVE.
Client ID: GW-2

Phoenix I.D.: BD78625

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Pyrene	ND	5.0	ug/L	05/16/13	DD	SW8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	136		%	05/16/13	DD	15 - 130 %	3
% 2-Fluorobiphenyl	95		%	05/16/13	DD	30 - 130 %	
% 2-Fluorophenol	80		%	05/16/13	DD	15 - 130 %	
% Nitrobenzene-d5	110		%	05/16/13	DD	30 - 130 %	
% Phenol-d5	87		%	05/16/13	DD	15 - 130 %	
% Terphenyl-d14	55		%	05/16/13	DD	30 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	05/15/13	DD	SW8270 (SIM)	
Acenaphthene	0.16	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Acenaphthylene	ND	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Benz(a)anthracene	0.25	0.040	ug/L	05/15/13	DD	SW8270 (SIM)	
Benzo(a)pyrene	0.22	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Benzo(b)fluoranthene	0.29	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	3.0	ug/L	05/15/13	DD	SW8270 (SIM)	
Benzo(k)fluoranthene	0.12	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	05/15/13	DD	SW8270 (SIM)	
Chrysene	0.25	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	0.03	0.010	ug/L	05/15/13	DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.060	ug/L	05/15/13	DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	ug/L	05/15/13	DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	0.11	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	ug/L	05/15/13	DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	ug/L	05/15/13	DD	SW8270 (SIM)	
Phenanthrene	0.36	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Pyridine	ND	0.50	ug/L	05/15/13	DD	SW8270 (SIM)	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	136		%	05/15/13	DD	15 - 130 %	3
% 2-Fluorobiphenyl	95		%	05/15/13	DD	30 - 130 %	
% 2-Fluorophenol	80		%	05/15/13	DD	15 - 130 %	
% Nitrobenzene-d5	110		%	05/15/13	DD	30 - 130 %	
% Phenol-d5	87		%	05/15/13	DD	15 - 130 %	
% Terphenyl-d14	55		%	05/15/13	DD	30 - 130 %	

Project ID: 82 THROOP AVE.
Client ID: GW-2

Phoenix I.D.: BD78625

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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 surrogate recoveries was above the upper range 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
May 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/14/13	0:00
Location Code:	EBC	Received by:	LB	05/14/13	16:33
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78624
Phoenix ID: BD78626

Project ID: 82 THROOP AVE.
Client ID: GW-3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Aluminum	6.07	0.010	mg/L	05/16/13	LK	SW6010
Arsenic	< 0.004	0.004	mg/L	05/16/13	LK	SW6010
Barium	0.133	0.002	mg/L	05/16/13	LK	SW6010
Beryllium	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Calcium	192	0.10	mg/L	05/16/13	LK	SW6010
Cadmium	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Cobalt	0.009	0.002	mg/L	05/16/13	LK	SW6010
Chromium	0.013	0.001	mg/L	05/16/13	LK	SW6010
Copper	0.070	0.005	mg/L	05/16/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Aluminum (Dissolved)	0.56	0.01	mg/L	05/15/13	LK	SW6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	05/15/13	LK	SW6010
Barium (Dissolved)	0.069	0.002	mg/L	05/15/13	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Calcium (Dissolved)	177	0.01	mg/L	05/15/13	LK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Cobalt (Dissolved)	0.006	0.001	mg/L	05/15/13	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Copper (Dissolved)	0.035	0.005	mg/L	05/15/13	LK	SW6010
Iron (Dissolved)	0.642	0.011	mg/L	05/15/13	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	05/15/13	RS	SW7470
Potassium (Dissolved)	14.3	0.1	mg/L	05/15/13	LK	SW6010
Magnesium (Dissolved)	18.6	0.01	mg/L	05/15/13	LK	SW6010
Manganese (Dissolved)	1.05	0.001	mg/L	05/15/13	LK	SW6010
Sodium (Dissolved)	35.6	0.11	mg/L	05/15/13	LK	SW6010
Nickel (Dissolved)	0.015	0.001	mg/L	05/15/13	LK	SW6010
Lead (Dissolved)	0.006	0.002	mg/L	05/15/13	LK	SW6010

Project ID: 82 THROOP AVE.
Client ID: GW-3

Phoenix I.D.: BD78626

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.005	0.005	mg/L	05/16/13	LK	SW6010	
Selenium (Dissolved)	< 0.011	0.011	mg/L	05/15/13	LK	SW6010	
Thallium (Dissolved)	< 0.002	0.002	mg/L	05/16/13	RS	SW7010	
Vanadium (Dissolved)	0.003	0.002	mg/L	05/15/13	LK	SW6010	
Zinc (Dissolved)	0.011	0.002	mg/L	05/15/13	LK	SW6010	
Iron	9.02	0.010	mg/L	05/16/13	LK	SW6010	
Mercury	< 0.0002	0.0002	mg/L	05/15/13	RS	SW7470	
Potassium	15.1	0.1	mg/L	05/16/13	LK	SW6010	
Magnesium	20.1	0.01	mg/L	05/16/13	LK	SW6010	
Manganese	1.11	0.001	mg/L	05/16/13	LK	SW6010	
Sodium	37.6	0.1	mg/L	05/16/13	LK	SW6010	B
Nickel	0.022	0.001	mg/L	05/16/13	LK	SW6010	
Lead	0.052	0.002	mg/L	05/16/13	LK	SW6010	
Antimony	< 0.005	0.005	mg/L	05/16/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	05/16/13	LK	SW6010	
Thallium	< 0.002	0.002	mg/L	05/16/13	RS	SM3113B/SW70	
Vanadium	0.025	0.002	mg/L	05/16/13	LK	SW6010	
Zinc	0.044	0.002	mg/L	05/16/13	LK	SW6010	
Filtration	Completed			05/14/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			05/15/13	X/X	SW7470	
Mercury Digestion	Completed			05/15/13	X/X	SW7470	
PCB Extraction	Completed			05/15/13	L	SW3510C	
Extraction for Pest (2 Liter)	Completed			05/15/13	L	SW3510	
Semi-Volatile Extraction	Completed			05/14/13	I/K/D	SW3520	
Dissolved Metals Preparation	Completed			05/14/13	AG	SW846-3005	
Total Metals Digestion	Completed			05/14/13	AG		

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1221	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1232	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1242	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1248	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1254	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1260	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1262	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1268	ND	0.050	ug/L	05/16/13	AW	8082	
QA/QC Surrogates							
% DCBP	120		%	05/16/13	AW	30 - 150 %	
% TCMX	94		%	05/16/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND*	0.050	ug/L	05/17/13	MH	SW8081	
4,4' -DDE	ND*	0.050	ug/L	05/17/13	MH	SW8081	
4,4' -DDT	0.15	0.050	ug/L	05/17/13	MH	SW8081	
a-BHC	ND*	0.12	ug/L	05/17/13	MH	SW8081	
Alachlor	ND*	0.38	ug/L	05/17/13	MH	SW8081	1
Aldrin	ND*	0.008	ug/L	05/17/13	MH	SW8081	
b-BHC	ND*	0.025	ug/L	05/17/13	MH	SW8081	
Chlordane	ND*	1.5	ug/L	05/17/13	MH	SW8081	

Project ID: 82 THROOP AVE.
Client ID: GW-3

Phoenix I.D.: BD78626

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
d-BHC	ND*	0.12	ug/L	05/17/13	MH	SW8081
Dieldrin	ND*	0.030	ug/L	05/17/13	MH	SW8081
Endosulfan I	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endosulfan II	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endosulfan Sulfate	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endrin	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endrin Aldehyde	ND*	0.25	ug/L	05/17/13	MH	SW8081
Endrin ketone	ND*	0.25	ug/L	05/17/13	MH	SW8081
g-BHC (Lindane)	ND*	0.12	ug/L	05/17/13	MH	SW8081
Heptachlor	ND*	0.12	ug/L	05/17/13	MH	SW8081
Heptachlor epoxide	ND*	0.12	ug/L	05/17/13	MH	SW8081
Methoxychlor	ND*	0.50	ug/L	05/17/13	MH	SW8081
Toxaphene	ND*	5.0	ug/L	05/17/13	MH	SW8081
QA/QC Surrogates						
%DCBP (Surrogate Rec)	Diluted Out		%	05/17/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	Diluted Out		%	05/17/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Acetone	ND	25	ug/L	05/15/13	R/T	SW8260	
Acrylonitrile	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Benzene	ND	0.70	ug/L	05/15/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	

Project ID: 82 THROOP AVE.
Client ID: GW-3

Phoenix I.D.: BD78626

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
cis-1,2-Dichloroethene	350	20.0	ug/L	05/15/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	05/15/13	R/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	05/15/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Tetrachloroethene	21	1.0	ug/L	05/15/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/15/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	05/15/13	R/T	SW8260	
trans-1,2-Dichloroethene	1.6	1.0	ug/L	05/15/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	05/15/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Trichloroethene	23	1.0	ug/L	05/15/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/15/13	R/T	70 - 130 %	
% Bromofluorobenzene	84		%	05/15/13	R/T	70 - 130 %	
% Dibromofluoromethane	100		%	05/15/13	R/T	70 - 130 %	
% Toluene-d8	87		%	05/15/13	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.0	ug/L	05/16/13	DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270

Project ID: 82 THROOP AVE.
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Phoenix I.D.: BD78626

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dimethylphenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dinitrophenol	ND	50	ug/L	05/16/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Chloronaphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Chlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2-Methylnaphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	10	ug/L	05/16/13	DD	SW8270	
2-Nitroaniline	ND	50	ug/L	05/16/13	DD	SW8270	
2-Nitrophenol	ND	10	ug/L	05/16/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	05/16/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	50	ug/L	05/16/13	DD	SW8270	
3-Nitroaniline	ND	50	ug/L	05/16/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	50	ug/L	05/16/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	20	ug/L	05/16/13	DD	SW8270	
4-Chloroaniline	ND	20	ug/L	05/16/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
4-Nitroaniline	ND	20	ug/L	05/16/13	DD	SW8270	
4-Nitrophenol	ND	50	ug/L	05/16/13	DD	SW8270	
Acetophenone	ND	5.0	ug/L	05/16/13	DD	SW8270	
Aniline	ND	10	ug/L	05/16/13	DD	SW8270	
Anthracene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Benzidine	ND	50	ug/L	05/16/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	05/16/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	05/16/13	DD	SW8270	1
Carbazole	ND	5.0	ug/L	05/16/13	DD	SW8270	
Dibenzofuran	ND	5.0	ug/L	05/16/13	DD	SW8270	
Diethyl phthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Dimethylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Di-n-butylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Di-n-octylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Fluoranthene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Fluorene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Hexachlorobutadiene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Isophorone	ND	5.0	ug/L	05/16/13	DD	SW8270	
Naphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Nitrobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
Phenol	ND	10	ug/L	05/16/13	DD	SW8270	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Pyrene	ND	5.0	ug/L	05/16/13	DD	SW8270
QA/QC Surrogates						
% 2,4,6-Tribromophenol	130		%	05/16/13	DD	15 - 130 %
% 2-Fluorobiphenyl	97		%	05/16/13	DD	30 - 130 %
% 2-Fluorophenol	84		%	05/16/13	DD	15 - 130 %
% Nitrobenzene-d5	111		%	05/16/13	DD	30 - 130 %
% Phenol-d5	90		%	05/16/13	DD	15 - 130 %
% Terphenyl-d14	76		%	05/16/13	DD	30 - 130 %
Semivolatiles						
1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	05/15/13	DD	SW8270 (SIM)
Acenaphthene	ND	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Acenaphthylene	0.06	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Benz(a)anthracene	0.7	0.040	ug/L	05/15/13	DD	SW8270 (SIM)
Benzo(a)pyrene	0.61	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Benzo(b)fluoranthene	0.91	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	05/15/13	DD	SW8270 (SIM)
Benzo(k)fluoranthene	0.3	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	05/15/13	DD	SW8270 (SIM)
Chrysene	0.74	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Dibenz(a,h)anthracene	0.1	0.010	ug/L	05/15/13	DD	SW8270 (SIM)
Hexachlorobenzene	ND	0.060	ug/L	05/15/13	DD	SW8270 (SIM)
Hexachloroethane	ND	2.4	ug/L	05/15/13	DD	SW8270 (SIM)
Indeno(1,2,3-cd)pyrene	0.34	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Pentachloronitrobenzene	ND	0.10	ug/L	05/15/13	DD	SW8270 (SIM)
Pentachlorophenol	ND	0.80	ug/L	05/15/13	DD	SW8270 (SIM)
Phenanthrene	0.81	0.050	ug/L	05/15/13	DD	SW8270 (SIM)
Pyridine	ND	0.50	ug/L	05/15/13	DD	SW8270 (SIM)
QA/QC Surrogates						
% 2,4,6-Tribromophenol	130		%	05/15/13	DD	15 - 130 %
% 2-Fluorobiphenyl	97		%	05/15/13	DD	30 - 130 %
% 2-Fluorophenol	84		%	05/15/13	DD	15 - 130 %
% Nitrobenzene-d5	111		%	05/15/13	DD	30 - 130 %
% Phenol-d5	90		%	05/15/13	DD	15 - 130 %
% Terphenyl-d14	76		%	05/15/13	DD	30 - 130 %

Project ID: 82 THROOP AVE.
Client ID: GW-3

Phoenix I.D.: BD78626

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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.

* 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
May 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 23, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G
Environmental Business Consulta
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		05/14/13	0:00
Location Code:	EBC	Received by:	LB	05/14/13	16:33
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78624
Phoenix ID: BD78627

Project ID: 82 THROOP AVE.
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Aluminum	2.35	0.010	mg/L	05/16/13	LK	SW6010
Arsenic	< 0.004	0.004	mg/L	05/16/13	LK	SW6010
Barium	0.100	0.002	mg/L	05/16/13	LK	SW6010
Beryllium	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Calcium	184	0.10	mg/L	05/16/13	LK	SW6010
Cadmium	< 0.001	0.001	mg/L	05/16/13	LK	SW6010
Cobalt	0.007	0.002	mg/L	05/16/13	LK	SW6010
Chromium	0.006	0.001	mg/L	05/16/13	LK	SW6010
Copper	0.047	0.005	mg/L	05/16/13	LK	SW6010
Silver (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Aluminum (Dissolved)	0.42	0.01	mg/L	05/15/13	LK	SW6010
Arsenic (Dissolved)	< 0.004	0.004	mg/L	05/15/13	LK	SW6010
Barium (Dissolved)	0.067	0.002	mg/L	05/15/13	LK	SW6010
Beryllium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Calcium (Dissolved)	174	0.01	mg/L	05/15/13	LK	SW6010
Cadmium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Cobalt (Dissolved)	0.006	0.001	mg/L	05/15/13	LK	SW6010
Chromium (Dissolved)	< 0.001	0.001	mg/L	05/15/13	LK	SW6010
Copper (Dissolved)	0.035	0.005	mg/L	05/15/13	LK	SW6010
Iron (Dissolved)	0.512	0.011	mg/L	05/15/13	LK	SW6010
Mercury (Dissolved)	< 0.0002	0.0002	mg/L	05/15/13	RS	SW7470
Potassium (Dissolved)	13.9	0.1	mg/L	05/15/13	LK	SW6010
Magnesium (Dissolved)	18.6	0.01	mg/L	05/15/13	LK	SW6010
Manganese (Dissolved)	1.02	0.001	mg/L	05/15/13	LK	SW6010
Sodium (Dissolved)	35.2	0.11	mg/L	05/15/13	LK	SW6010
Nickel (Dissolved)	0.015	0.001	mg/L	05/15/13	LK	SW6010
Lead (Dissolved)	0.005	0.002	mg/L	05/15/13	LK	SW6010

Project ID: 82 THROOP AVE.
Client ID: DUPLICATE

Phoenix I.D.: BD78627

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Antimony (Dissolved)	< 0.003	0.003	mg/L	05/15/13	LK	SW6010	
Selenium (Dissolved)	< 0.01	0.01	mg/L	05/15/13	LK	SW6010	
Thallium (Dissolved)	< 0.002	0.002	mg/L	05/16/13	RS	SW7010	
Vanadium (Dissolved)	< 0.002	0.002	mg/L	05/15/13	LK	SW6010	
Zinc (Dissolved)	0.008	0.002	mg/L	05/15/13	LK	SW6010	
Iron	3.29	0.010	mg/L	05/16/13	LK	SW6010	
Mercury	< 0.0002	0.0002	mg/L	05/15/13	RS	SW7470	
Potassium	15.0	0.1	mg/L	05/16/13	LK	SW6010	
Magnesium	19.8	0.01	mg/L	05/16/13	LK	SW6010	
Manganese	1.00	0.001	mg/L	05/16/13	LK	SW6010	
Sodium	37.8	0.1	mg/L	05/16/13	LK	SW6010	B
Nickel	0.017	0.001	mg/L	05/16/13	LK	SW6010	
Lead	0.027	0.002	mg/L	05/16/13	LK	SW6010	
Antimony	< 0.003	0.003	mg/L	05/16/13	LK	SW6010	
Selenium	< 0.010	0.010	mg/L	05/16/13	LK	SW6010	
Thallium	< 0.002	0.002	mg/L	05/16/13	RS	SM3113B/SW70	
Vanadium	0.010	0.002	mg/L	05/16/13	LK	SW6010	
Zinc	0.021	0.002	mg/L	05/16/13	LK	SW6010	
Filtration	Completed			05/14/13	AG	0.45um Filter	
Dissolved Mercury Digestion	Completed			05/15/13	X/X	SW7470	
Mercury Digestion	Completed			05/15/13	X/X	SW7470	
PCB Extraction	Completed			05/15/13	L	SW3510C	
Extraction for Pest (2 Liter)	Completed			05/15/13	L	SW3510	
Semi-Volatile Extraction	Completed			05/14/13	I/K/D	SW3520	
Dissolved Metals Preparation	Completed			05/14/13	AG	SW846-3005	
Total Metals Digestion	Completed			05/14/13	AG		

Polychlorinated Biphenyls

PCB-1016	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1221	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1232	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1242	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1248	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1254	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1260	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1262	ND	0.050	ug/L	05/16/13	AW	8082	
PCB-1268	ND	0.050	ug/L	05/16/13	AW	8082	
QA/QC Surrogates							
% DCBP	74		%	05/16/13	AW	30 - 150 %	
% TCMX	85		%	05/16/13	AW	30 - 150 %	

Pesticides

4,4' -DDD	ND	0.050	ug/L	05/17/13	MH	SW8081	
4,4' -DDE	ND	0.050	ug/L	05/17/13	MH	SW8081	
4,4' -DDT	0.043	0.025	ug/L	05/17/13	MH	SW8081	
a-BHC	ND	0.12	ug/L	05/17/13	MH	SW8081	
Alachlor	ND	0.38	ug/L	05/17/13	MH	SW8081	1
Aldrin	ND	0.008	ug/L	05/17/13	MH	SW8081	
b-BHC	ND	0.025	ug/L	05/17/13	MH	SW8081	
Chlordane	ND	1.5	ug/L	05/17/13	MH	SW8081	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
d-BHC	ND	0.12	ug/L	05/17/13	MH	SW8081
Dieldrin	ND	0.008	ug/L	05/17/13	MH	SW8081
Endosulfan I	ND	0.25	ug/L	05/17/13	MH	SW8081
Endosulfan II	ND	0.25	ug/L	05/17/13	MH	SW8081
Endosulfan Sulfate	ND	0.25	ug/L	05/17/13	MH	SW8081
Endrin	ND	0.25	ug/L	05/17/13	MH	SW8081
Endrin Aldehyde	ND	0.25	ug/L	05/17/13	MH	SW8081
Endrin ketone	ND	0.25	ug/L	05/17/13	MH	SW8081
g-BHC (Lindane)	ND	0.12	ug/L	05/17/13	MH	SW8081
Heptachlor	ND	0.12	ug/L	05/17/13	MH	SW8081
Heptachlor epoxide	ND	0.12	ug/L	05/17/13	MH	SW8081
Methoxychlor	ND	0.50	ug/L	05/17/13	MH	SW8081
Toxaphene	ND	5.0	ug/L	05/17/13	MH	SW8081
QA/QC Surrogates						
%DCBP (Surrogate Rec)	Diluted Out		%	05/17/13	MH	30 - 150 %
%TCMX (Surrogate Rec)	Diluted Out		%	05/17/13	MH	30 - 150 %

Volatiles

1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	05/15/13	R/T	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
2-Hexanone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Acetone	ND	25	ug/L	05/15/13	R/T	SW8260	
Acrylonitrile	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Benzene	ND	0.70	ug/L	05/15/13	R/T	SW8260	
Bromobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromodichloromethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Bromoform	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Bromomethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Carbon Disulfide	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloroform	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Chloromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
cis-1,2-Dichloroethene	290	20	ug/L	05/15/13	R/T	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	05/15/13	R/T	SW8260	1
Dibromochloromethane	ND	0.50	ug/L	05/15/13	R/T	SW8260	
Dibromomethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	05/15/13	R/T	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Methylene chloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Naphthalene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
o-Xylene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Styrene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Tetrachloroethene	20	1.0	ug/L	05/15/13	R/T	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/15/13	R/T	SW8260	1
Toluene	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Total Xylenes	ND	1.0	ug/L	05/15/13	R/T	SW8260	
trans-1,2-Dichloroethene	1.6	1.0	ug/L	05/15/13	R/T	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	05/15/13	R/T	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/15/13	R/T	SW8260	
Trichloroethene	23	1.0	ug/L	05/15/13	R/T	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	05/15/13	R/T	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/15/13	R/T	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	102		%	05/15/13	R/T	70 - 130 %	
% Bromofluorobenzene	83		%	05/15/13	R/T	70 - 130 %	
% Dibromofluoromethane	97		%	05/15/13	R/T	70 - 130 %	
% Toluene-d8	91		%	05/15/13	R/T	70 - 130 %	

Semivolatiles

1,2,4-Trichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270
1,2-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270
1,2-Diphenylhydrazine	ND	5.0	ug/L	05/16/13	DD	SW8270
1,3-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,4-Dichlorobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2,4,5-Trichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4,6-Trichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dichlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dimethylphenol	ND	10	ug/L	05/16/13	DD	SW8270	
2,4-Dinitrophenol	ND	50	ug/L	05/16/13	DD	SW8270	
2,4-Dinitrotoluene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2,6-Dinitrotoluene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Chloronaphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Chlorophenol	ND	10	ug/L	05/16/13	DD	SW8270	
2-Methylnaphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
2-Methylphenol (o-cresol)	ND	10	ug/L	05/16/13	DD	SW8270	
2-Nitroaniline	ND	50	ug/L	05/16/13	DD	SW8270	
2-Nitrophenol	ND	10	ug/L	05/16/13	DD	SW8270	
3&4-Methylphenol (m&p-cresol)	ND	10	ug/L	05/16/13	DD	SW8270	
3,3'-Dichlorobenzidine	ND	50	ug/L	05/16/13	DD	SW8270	
3-Nitroaniline	ND	50	ug/L	05/16/13	DD	SW8270	
4,6-Dinitro-2-methylphenol	ND	50	ug/L	05/16/13	DD	SW8270	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
4-Chloro-3-methylphenol	ND	20	ug/L	05/16/13	DD	SW8270	
4-Chloroaniline	ND	20	ug/L	05/16/13	DD	SW8270	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
4-Nitroaniline	ND	20	ug/L	05/16/13	DD	SW8270	
4-Nitrophenol	ND	50	ug/L	05/16/13	DD	SW8270	
Acetophenone	ND	5.0	ug/L	05/16/13	DD	SW8270	
Aniline	ND	10	ug/L	05/16/13	DD	SW8270	
Anthracene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Benzidine	ND	50	ug/L	05/16/13	DD	SW8270	
Benzoic acid	ND	50	ug/L	05/16/13	DD	SW8270	
Benzyl butyl phthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroethyl)ether	ND	5.0	ug/L	05/16/13	DD	SW8270	
Bis(2-chloroisopropyl)ether	ND	5.0	ug/L	05/16/13	DD	SW8270	1
Carbazole	ND	5.0	ug/L	05/16/13	DD	SW8270	
Dibenzofuran	ND	5.0	ug/L	05/16/13	DD	SW8270	
Diethyl phthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Dimethylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Di-n-butylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Di-n-octylphthalate	ND	5.0	ug/L	05/16/13	DD	SW8270	
Fluoranthene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Fluorene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Hexachlorobutadiene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Hexachlorocyclopentadiene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Isophorone	ND	5.0	ug/L	05/16/13	DD	SW8270	
Naphthalene	ND	5.0	ug/L	05/16/13	DD	SW8270	
Nitrobenzene	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodimethylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodi-n-propylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
N-Nitrosodiphenylamine	ND	5.0	ug/L	05/16/13	DD	SW8270	
Phenol	ND	10	ug/L	05/16/13	DD	SW8270	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Pyrene	ND	5.0	ug/L	05/16/13	DD	SW8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	139		%	05/16/13	DD	15 - 130 %	3
% 2-Fluorobiphenyl	98		%	05/16/13	DD	30 - 130 %	
% 2-Fluorophenol	84		%	05/16/13	DD	15 - 130 %	
% Nitrobenzene-d5	110		%	05/16/13	DD	30 - 130 %	
% Phenol-d5	95		%	05/16/13	DD	15 - 130 %	
% Terphenyl-d14	115		%	05/16/13	DD	30 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	1.6	ug/L	05/15/13	DD	SW8270 (SIM)	
Acenaphthene	ND	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Acenaphthylene	ND	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Benz(a)anthracene	0.11	0.040	ug/L	05/15/13	DD	SW8270 (SIM)	
Benzo(a)pyrene	0.09	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Benzo(b)fluoranthene	0.14	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	3.0	ug/L	05/15/13	DD	SW8270 (SIM)	
Benzo(k)fluoranthene	0.05	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	ND	1.6	ug/L	05/15/13	DD	SW8270 (SIM)	
Chrysene	0.1	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.010	ug/L	05/15/13	DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.060	ug/L	05/15/13	DD	SW8270 (SIM)	
Hexachloroethane	ND	2.4	ug/L	05/15/13	DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10	ug/L	05/15/13	DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80	ug/L	05/15/13	DD	SW8270 (SIM)	
Phenanthrene	0.14	0.050	ug/L	05/15/13	DD	SW8270 (SIM)	
Pyridine	ND	0.50	ug/L	05/15/13	DD	SW8270 (SIM)	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	139		%	05/15/13	DD	15 - 130 %	3
% 2-Fluorobiphenyl	98		%	05/15/13	DD	30 - 130 %	
% 2-Fluorophenol	84		%	05/15/13	DD	15 - 130 %	
% Nitrobenzene-d5	110		%	05/15/13	DD	30 - 130 %	
% Phenol-d5	95		%	05/15/13	DD	15 - 130 %	
% Terphenyl-d14	115		%	05/15/13	DD	30 - 130 %	

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Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference

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.
B = Present in blank, no bias suspected.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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 surrogate recoveries was above the upper range 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
May 23, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 23, 2013

QA/QC Data

SDG I.D.: GBD78624

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 230261, QC Sample No: BD71178 (BD78624, BD78625, BD78626, BD78627)													
ICP Metals - Dissolved													
Aluminum	BRL	0.10	0.09	10.5	87.1	86.1	1.2	87.1	90.5	3.8	75 - 125	20	
Antimony	BRL	<0.005	<0.005	NC	95.5	93.5	2.1	97.4	97.8	0.4	75 - 125	20	
Arsenic	BRL	<0.004	<0.004	NC	87.4	86.5	1.0	90.8	90.7	0.1	75 - 125	20	
Barium	BRL	0.007	0.007	NC	96.9	96.0	0.9	101	100	1.0	75 - 125	20	
Beryllium	BRL	<0.001	<0.001	NC	90.1	88.5	1.8	93.7	93.5	0.2	75 - 125	20	
Cadmium	BRL	<0.001	<0.001	NC	92.3	91.4	1.0	95.1	94.4	0.7	75 - 125	20	
Calcium	BRL	6.06	5.91	2.50	91.0	91.1	0.1	NC	NC	NC	75 - 125	20	
Chromium	BRL	<0.001	<0.001	NC	91.4	89.9	1.7	94.2	94.1	0.1	75 - 125	20	
Cobalt	BRL	<0.001	<0.001	NC	95.1	93.7	1.5	97.9	97.7	0.2	75 - 125	20	
Copper	BRL	0.005	<0.005	NC	91.4	90.4	1.1	95.5	95.8	0.3	75 - 125	20	
Iron	BRL	0.202	0.195	3.50	94.3	92.6	1.8	95.5	95.7	0.2	75 - 125	20	
Lead	BRL	<0.002	<0.002	NC	90.4	88.8	1.8	92.8	92.5	0.3	75 - 125	20	
Magnesium	BRL	1.40	1.38	1.40	93.4	91.9	1.6	86.1	85.4	0.8	75 - 125	20	
Manganese	BRL	0.032	0.031	3.20	94.0	92.7	1.4	97.0	96.3	0.7	75 - 125	20	
Nickel	BRL	0.001	0.001	NC	93.5	91.9	1.7	96.0	95.6	0.4	75 - 125	20	
Potassium	BRL	1.9	1.8	5.40	91.1	88.5	2.9	96.8	96.0	0.8	75 - 125	20	
Selenium	BRL	<0.011	<0.011	NC	83.4	83.1	0.4	87.3	87.2	0.1	75 - 125	20	
Silver	BRL	<0.001	<0.001	NC	90.4	90.4	0.0	95.3	95.5	0.2	75 - 125	20	
Sodium	BRL	7.37	7.25	1.60	102	96.7	5.3	NC	NC	NC	75 - 125	20	
Vanadium	BRL	<0.002	<0.002	NC	90.6	90.3	0.3	94.2	94.8	0.6	75 - 125	20	
Zinc	BRL	0.002	0.003	NC	92.1	90.8	1.4	95.2	94.7	0.5	75 - 125	20	
QA/QC Batch 230260, QC Sample No: BD71178 (BD78624, BD78625, BD78626, BD78627)													
Thallium (Dissolved)		<0.001	<0.005	NC	87.4	90.0	2.9	88.7	90.8	2.3	75 - 125	20	
QA/QC Batch 230259, QC Sample No: BD71178 (BD78624, BD78625, BD78626, BD78627)													
Thallium - Water	BRL	<0.002	<0.002	NC	87.2	85.7	1.7	91.1	89.5	1.8	75 - 125	20	
QA/QC Batch 230491, QC Sample No: BD78176 (BD78624, BD78625, BD78626, BD78627)													
Mercury - Water	BRL	0.0006	0.0006	NC	101	97.0	4.0	>130	72.0	NC	70 - 130	20	m
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 230442, QC Sample No: BD78186 (BD78624, BD78625, BD78626, BD78627)													
ICP Metals - Aqueous													
Aluminum	BRL	0.244	0.293	18.2	100	97.9	2.1	102	106	3.8	75 - 125	20	
Antimony	BRL	0.013	0.012	NC	82.8	83.5	0.8	83.3	73.2	12.9	75 - 125	20	m
Arsenic	BRL	0.005	0.005	NC	77.8	78.7	1.2	80.8	71.8	11.8	75 - 125	20	m
Barium	BRL	0.266	0.290	8.60	77.6	76.6	1.3	77.8	66.9	15.1	75 - 125	20	m
Beryllium	BRL	<0.001	<0.001	NC	75.0	75.8	1.1	76.7	69.9	9.3	75 - 125	20	m
Cadmium	BRL	<0.001	<0.001	NC	78.3	81.4	3.9	79.1	70.5	11.5	75 - 125	20	m
Calcium	BRL	264	232	12.9	102	97.5	4.5	NC	NC	NC	75 - 125	20	
Chromium	BRL	<0.001	0.001	NC	75.0	76.4	1.8	75.4	66.2	13.0	75 - 125	20	m
Cobalt	BRL	<0.002	<0.002	NC	79.0	80.9	2.4	79.3	69.7	12.9	75 - 125	20	m

QA/QC Data

SDG I.D.: GBD78624

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Copper	BRL	<0.005	<0.005	NC	75.5	102	29.9	108	106	1.9	75 - 125	20	r
Iron	BRL	69.0	76.1	9.80	77.2	78.8	2.1	NC	NC	NC	75 - 125	20	
Lead	BRL	<0.002	<0.002	NC	77.2	79.0	2.3	77.8	69.3	11.6	75 - 125	20	m
Magnesium	BRL	20.3	22.4	9.80	77.8	79.2	1.8	NC	NC	NC	75 - 125	20	
Manganese	BRL	0.954	1.05	9.60	76.9	78.2	1.7	76.3	66.1	14.3	75 - 125	20	m
Nickel	BRL	0.002	0.002	NC	79.4	81.5	2.6	79.5	70.1	12.6	75 - 125	20	m
Potassium	BRL	27.3	28.1	2.90	76.1	68.8	10.1	NC	NC	NC	75 - 125	20	l
Selenium	BRL	<0.010	<0.010	NC	75.4	76.4	1.3	76.4	68.0	11.6	75 - 125	20	m
Silver	BRL	<0.001	<0.001	NC	76.8	77.0	0.3	78.0	70.0	10.8	75 - 125	20	m
Sodium	0.1	185	194	4.70	88.4	78.1	12.4	NC	NC	NC	75 - 125	20	
Vanadium	BRL	<0.002	<0.002	NC	103	98.9	4.1	105	102	2.9	75 - 125	20	
Zinc	BRL	0.002	0.003	NC	77.1	78.7	2.1	77.8	68.6	12.6	75 - 125	20	m

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.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 23, 2013

QA/QC Data

SDG I.D.: GBD78624

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 230757, QC Sample No: BD71493 (BD78626 (20X))									
Volatiles - Ground Water									
cis-1,2-Dichloroethene	ND	121	122	0.8	130	110	16.7	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 230651, QC Sample No: BD78176 (BD78624, BD78625, BD78626, BD78627)									
Pesticides - Ground Water									
4,4' -DDD	ND	109	109	0.0				40 - 140	20
4,4' -DDE	ND	104	107	2.8				40 - 140	20
4,4' -DDT	ND	107	110	2.8				40 - 140	20
a-BHC	ND	95	98	3.1				40 - 140	20
a-Chlordane	ND	99	100	1.0				40 - 140	20
Alachlor	ND	N/A	N/A	NC				40 - 140	20
Aldrin	ND	74	75	1.3				40 - 140	20
b-BHC	ND	94	97	3.1				40 - 140	20
Chlordane	ND	N/A	N/A	NC				40 - 140	20
d-BHC	ND	94	96	2.1				40 - 140	20
Dieldrin	ND	102	106	3.8				40 - 140	20
Endosulfan I	ND	89	93	4.4				40 - 140	20
Endosulfan II	ND	98	103	5.0				40 - 140	20
Endosulfan sulfate	ND	102	105	2.9				40 - 140	20
Endrin	ND	100	101	1.0				40 - 140	20
Endrin aldehyde	ND	107	110	2.8				40 - 140	20
Endrin ketone	ND	108	115	6.3				40 - 140	20
g-BHC	ND	95	98	3.1				40 - 140	20
g-Chlordane	ND	97	99	2.0				40 - 140	20
Heptachlor	ND	93	96	3.2				40 - 140	20
Heptachlor epoxide	ND	96	99	3.1				40 - 140	20
Methoxychlor	ND	115	118	2.6				40 - 140	20
Toxaphene	ND	N/A	N/A	NC				40 - 140	20
% DCBP	88	85	88	3.5				30 - 150	20
% TCMX	88	78	80	2.5				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 230652, QC Sample No: BD78176 (BD78624, BD78625, BD78626, BD78627)									
Polychlorinated Biphenyls - Ground Water									
PCB-1016	ND	89	91	2.2				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

QA/QC Data

SDG I.D.: GBD78624

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
PCB-1254	ND							40 - 140	20	
PCB-1260	ND	96	98	2.1				40 - 140	20	
PCB-1262	ND							40 - 140	20	
PCB-1268	ND							40 - 140	20	
% DCBP (Surrogate Rec)	84	93	100	7.3				30 - 150	20	
% TCMX (Surrogate Rec)	77	81	81	0.0				30 - 150	20	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 230961, QC Sample No: BD78624 (BD78624)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	99	104	4.9	110	103	6.6	70 - 130	30	
1,1,1-Trichloroethane	ND	87	92	5.6	100	88	12.8	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	95	100	5.1	115	99	15.0	70 - 130	30	
1,1,2-Trichloroethane	ND	86	94	8.9	104	92	12.2	70 - 130	30	
1,1-Dichloroethane	ND	90	96	6.5	104	90	14.4	70 - 130	30	
1,1-Dichloroethene	ND	85	90	5.7	96	89	7.6	70 - 130	30	
1,1-Dichloropropene	ND	100	102	2.0	92	78	16.5	70 - 130	30	
1,2,3-Trichlorobenzene	ND	98	106	7.8	110	99	10.5	70 - 130	30	
1,2,3-Trichloropropane	ND	98	104	5.9	112	98	13.3	70 - 130	30	
1,2,4-Trichlorobenzene	ND	98	105	6.9	109	99	9.6	70 - 130	30	
1,2,4-Trimethylbenzene	ND	103	107	3.8	112	100	11.3	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	95	112	16.4	116	101	13.8	70 - 130	30	
1,2-Dibromoethane	ND	86	94	8.9	103	91	12.4	70 - 130	30	
1,2-Dichlorobenzene	ND	101	105	3.9	110	102	7.5	70 - 130	30	
1,2-Dichloroethane	ND	83	91	9.2	100	88	12.8	70 - 130	30	
1,2-Dichloropropane	ND	84	91	8.0	99	88	11.8	70 - 130	30	
1,3,5-Trimethylbenzene	ND	101	104	2.9	113	100	12.2	70 - 130	30	
1,3-Dichlorobenzene	ND	102	105	2.9	111	101	9.4	70 - 130	30	
1,3-Dichloropropane	ND	92	101	9.3	110	99	10.5	70 - 130	30	
1,4-Dichlorobenzene	ND	101	105	3.9	110	99	10.5	70 - 130	30	
2,2-Dichloropropane	ND	83	87	4.7	66	64	3.1	70 - 130	30	m
2-Chlorotoluene	ND	103	103	0.0	110	101	8.5	70 - 130	30	
2-Hexanone	ND	88	105	17.6	107	93	14.0	70 - 130	30	
2-Isopropyltoluene	ND	100	102	2.0	111	100	10.4	70 - 130	30	
4-Chlorotoluene	ND	101	103	2.0	111	101	9.4	70 - 130	30	
4-Methyl-2-pentanone	ND	82	95	14.7	101	87	14.9	70 - 130	30	
Acetone	ND	69	77	11.0	108	83	26.2	70 - 130	30	l
Acrylonitrile	ND	84	97	14.4	108	87	21.5	70 - 130	30	
Benzene	ND	90	93	3.3	98	90	8.5	70 - 130	30	
Bromobenzene	ND	101	103	2.0	112	103	8.4	70 - 130	30	
Bromochloromethane	ND	86	94	8.9	104	90	14.4	70 - 130	30	
Bromodichloromethane	ND	86	93	7.8	100	90	10.5	70 - 130	30	
Bromoform	ND	94	104	10.1	106	96	9.9	70 - 130	30	
Bromomethane	ND	75	81	7.7	<40	<40	NC	70 - 130	30	m
Carbon Disulfide	ND	73	76	4.0	95	86	9.9	70 - 130	30	
Carbon tetrachloride	ND	91	96	5.3	99	95	4.1	70 - 130	30	
Chlorobenzene	ND	96	99	3.1	107	98	8.8	70 - 130	30	
Chloroethane	ND	85	89	4.6	101	89	12.6	70 - 130	30	
Chloroform	ND	89	94	5.5	104	92	12.2	70 - 130	30	
Chloromethane	ND	72	79	9.3	80	75	6.5	70 - 130	30	
cis-1,2-Dichloroethene	ND	91	95	4.3	101	90	11.5	70 - 130	30	
cis-1,3-Dichloropropene	ND	81	90	10.5	93	84	10.2	70 - 130	30	

QA/QC Data

SDG I.D.: GBD78624

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Dibromochloromethane	ND	99	109	9.6	110	103	6.6	70 - 130	30	
Dibromomethane	ND	86	95	9.9	99	87	12.9	70 - 130	30	
Dichlorodifluoromethane	ND	66	72	8.7	77	74	4.0	70 - 130	30	I
Ethylbenzene	ND	93	96	3.2	107	98	8.8	70 - 130	30	
Hexachlorobutadiene	ND	94	98	4.2	97	91	6.4	70 - 130	30	
Isopropylbenzene	ND	103	105	1.9	110	101	8.5	70 - 130	30	
m&p-Xylene	ND	94	97	3.1	106	96	9.9	70 - 130	30	
Methyl ethyl ketone	ND	97	103	6.0	102	73	33.1	70 - 130	30	r
Methyl t-butyl ether (MTBE)	ND	80	90	11.8	101	91	10.4	70 - 130	30	
Methylene chloride	ND	77	84	8.7	94	81	14.9	70 - 130	30	
Naphthalene	ND	102	109	6.6	116	105	10.0	70 - 130	30	
n-Butylbenzene	ND	102	105	2.9	107	93	14.0	70 - 130	30	
n-Propylbenzene	ND	103	104	1.0	109	99	9.6	70 - 130	30	
o-Xylene	ND	91	94	3.2	107	98	8.8	70 - 130	30	
p-Isopropyltoluene	ND	101	103	2.0	110	98	11.5	70 - 130	30	
sec-Butylbenzene	ND	98	100	2.0	109	97	11.7	70 - 130	30	
Styrene	ND	89	93	4.4	107	98	8.8	70 - 130	30	
tert-Butylbenzene	ND	103	104	1.0	110	100	9.5	70 - 130	30	
Tetrachloroethene	ND	95	97	2.1	103	96	7.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	82	96	15.7	109	89	20.2	70 - 130	30	
Toluene	ND	85	88	3.5	98	91	7.4	70 - 130	30	
trans-1,2-Dichloroethene	ND	89	93	4.4	100	90	10.5	70 - 130	30	
trans-1,3-Dichloropropene	ND	81	90	10.5	94	85	10.1	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	95	102	7.1	114	99	14.1	70 - 130	30	
Trichloroethene	ND	89	93	4.4	99	92	7.3	70 - 130	30	
Trichlorofluoromethane	ND	81	86	6.0	92	87	5.6	70 - 130	30	
Trichlorotrifluoroethane	ND	76	81	6.4	87	83	4.7	70 - 130	30	
Vinyl chloride	ND	75	85	12.5	80	75	6.5	70 - 130	30	
% 1,2-dichlorobenzene-d4	99	99	100	1.0	98	101	3.0	70 - 130	30	
% Bromofluorobenzene	93	95	97	2.1	97	97	0.0	70 - 130	30	
% Dibromofluoromethane	95	94	100	6.2	98	96	2.1	70 - 130	30	
% Toluene-d8	98	96	97	1.0	98	98	0.0	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 231740, QC Sample No: BD78627 (BD78627 (20X))

Volatiles - Ground Water

cis-1,2-Dichloroethene	ND	113	103	9.3	103	97	6.0	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 230444, QC Sample No: BD78631 (BD78624, BD78625, BD78626, BD78627)

Semivolatiles - Ground Water

1,2,4,5-Tetrachlorobenzene	ND	86	96	11.0				30 - 130	20
1,2,4-Trichlorobenzene	ND	83	91	9.2				30 - 130	20
1,2-Dichlorobenzene	ND	78	85	8.6				30 - 130	20
1,2-Diphenylhydrazine	ND	78	89	13.2				30 - 130	20
1,3-Dichlorobenzene	ND	79	85	7.3				30 - 130	20
1,4-Dichlorobenzene	ND	77	85	9.9				30 - 130	20
2,4,5-Trichlorophenol	ND	95	105	10.0				30 - 130	20
2,4,6-Trichlorophenol	ND	87	97	10.9				30 - 130	20
2,4-Dichlorophenol	ND	86	94	8.9				30 - 130	20
2,4-Dimethylphenol	ND	44	48	8.7				30 - 130	20

QA/QC Data

SDG I.D.: GBD78624

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4-Dinitrophenol	ND	90	111	20.9				30 - 130	20	r
2,4-Dinitrotoluene	ND	86	98	13.0				30 - 130	20	
2,6-Dinitrotoluene	ND	91	101	10.4				30 - 130	20	
2-Chloronaphthalene	ND	86	98	13.0				30 - 130	20	
2-Chlorophenol	ND	73	80	9.2				30 - 130	20	
2-Methylnaphthalene	ND	85	94	10.1				30 - 130	20	
2-Methylphenol (o-cresol)	ND	67	73	8.6				30 - 130	20	
2-Nitroaniline	ND	>150	>150	NC				30 - 130	20	I
2-Nitrophenol	ND	79	86	8.5				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	71	77	8.1				30 - 130	20	
3,3'-Dichlorobenzidine	ND	99	109	9.6				30 - 130	20	
3-Nitroaniline	ND	90	101	11.5				30 - 130	20	
4,6-Dinitro-2-methylphenol	ND	96	114	17.1				30 - 130	20	
4-Bromophenyl phenyl ether	ND	103	109	5.7				30 - 130	20	
4-Chloro-3-methylphenol	ND	82	91	10.4				30 - 130	20	
4-Chloroaniline	ND	65	73	11.6				30 - 130	20	
4-Chlorophenyl phenyl ether	ND	90	101	11.5				30 - 130	20	
4-Nitroaniline	ND	85	97	13.2				30 - 130	20	
4-Nitrophenol	ND	73	86	16.4				30 - 130	20	
Acenaphthene	ND	90	99	9.5				30 - 130	20	
Acenaphthylene	ND	86	95	9.9				30 - 130	20	
Acetophenone	ND	80	89	10.7				30 - 130	20	
Aniline	ND	74	81	9.0				30 - 130	20	
Anthracene	ND	93	101	8.2				30 - 130	20	
Benz(a)anthracene	ND	89	95	6.5				30 - 130	20	
Benzidine	ND	40	35	13.3				10 - 130	20	
Benzo(a)pyrene	ND	87	97	10.9				30 - 130	20	
Benzo(b)fluoranthene	ND	102	110	7.5				30 - 130	20	
Benzo(ghi)perylene	ND	76	84	10.0				30 - 130	20	
Benzo(k)fluoranthene	ND	107	113	5.5				30 - 130	20	
Benzoic acid	ND	N/A	N/A	NC				30 - 130	20	
Benzyl butyl phthalate	ND	85	87	2.3				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	81	89	9.4				30 - 130	20	
Bis(2-chloroethyl)ether	ND	71	80	11.9				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	71	79	10.7				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	86	91	5.6				30 - 130	20	
Carbazole	ND	126	136	7.6				30 - 130	20	I
Chrysene	ND	92	100	8.3				30 - 130	20	
Dibenz(a,h)anthracene	ND	78	88	12.0				30 - 130	20	
Dibenzofuran	ND	88	98	10.8				30 - 130	20	
Diethyl phthalate	ND	88	99	11.8				30 - 130	20	
Dimethylphthalate	ND	90	101	11.5				30 - 130	20	
Di-n-butylphthalate	ND	95	101	6.1				30 - 130	20	
Di-n-octylphthalate	ND	86	97	12.0				30 - 130	20	
Fluoranthene	ND	105	105	0.0				30 - 130	20	
Fluorene	ND	88	99	11.8				30 - 130	20	
Hexachlorobenzene	ND	94	101	7.2				30 - 130	20	
Hexachlorobutadiene	ND	86	93	7.8				30 - 130	20	
Hexachlorocyclopentadiene	ND	78	87	10.9				30 - 130	20	
Hexachloroethane	ND	76	84	10.0				30 - 130	20	
Indeno(1,2,3-cd)pyrene	ND	79	87	9.6				30 - 130	20	
Isophorone	ND	85	93	9.0				30 - 130	20	
Naphthalene	ND	83	89	7.0				30 - 130	20	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Nitrobenzene	ND	78	85	8.6				30 - 130	20	
N-Nitrosodimethylamine	ND	65	74	12.9				30 - 130	20	
N-Nitrosodi-n-propylamine	ND	77	84	8.7				30 - 130	20	
N-Nitrosodiphenylamine	ND	94	106	12.0				30 - 130	20	
Pentachloronitrobenzene	ND	97	103	6.0				30 - 130	20	
Pentachlorophenol	ND	105	117	10.8				30 - 130	20	
Phenanthrene	ND	95	104	9.0				30 - 130	20	
Phenol	ND	59	65	9.7				30 - 130	20	
Pyrene	ND	110	106	3.7				30 - 130	20	
Pyridine	ND	41	44	7.1				30 - 130	20	
% 2,4,6-Tribromophenol	126	88	95	7.7				15 - 130	20	
% 2-Fluorobiphenyl	99	88	95	7.7				30 - 130	20	
% 2-Fluorophenol	86	57	62	8.4				15 - 130	20	
% Nitrobenzene-d5	110	75	82	8.9				30 - 130	20	
% Phenol-d5	95	56	62	10.2				15 - 130	20	
% Terphenyl-d14	97	122	112	8.5				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 230579, QC Sample No: BD78745 (BD78625, BD78626, BD78627)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	96	95	1.0	103			70 - 130	30	
1,1,1-Trichloroethane	ND	92	85	7.9	103			70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	105	105	0.0	116			70 - 130	30	
1,1,2-Trichloroethane	ND	97	93	4.2	102			70 - 130	30	
1,1-Dichloroethane	ND	101	95	6.1	135			70 - 130	30	m
1,1-Dichloroethene	ND	110	99	10.5	127			70 - 130	30	
1,1-Dichloropropene	ND	93	84	10.2	131			70 - 130	30	m
1,2,3-Trichlorobenzene	ND	108	105	2.8	105			70 - 130	30	
1,2,3-Trichloropropane	ND	99	96	3.1	110			70 - 130	30	
1,2,4-Trichlorobenzene	ND	105	104	1.0	108			70 - 130	30	
1,2,4-Trimethylbenzene	ND	110	106	3.7	118			70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	103	102	1.0	116			70 - 130	30	
1,2-Dibromoethane	ND	91	90	1.1	99			70 - 130	30	
1,2-Dichlorobenzene	ND	102	100	2.0	109			70 - 130	30	
1,2-Dichloroethane	ND	76	72	5.4	98			70 - 130	30	
1,2-Dichloropropane	ND	98	93	5.2	111			70 - 130	30	
1,3,5-Trimethylbenzene	ND	108	103	4.7	117			70 - 130	30	
1,3-Dichlorobenzene	ND	107	103	3.8	112			70 - 130	30	
1,3-Dichloropropane	ND	107	106	0.9	119			70 - 130	30	
1,4-Dichlorobenzene	ND	106	102	3.8	110			70 - 130	30	
2,2-Dichloropropane	ND	>150	135	NC	138			70 - 130	30	l,m
2-Chlorotoluene	ND	113	108	4.5	119			70 - 130	30	
2-Hexanone	ND	100	103	3.0	109			70 - 130	30	
2-Isopropyltoluene	ND	108	102	5.7	120			70 - 130	30	
4-Chlorotoluene	ND	109	105	3.7	120			70 - 130	30	
4-Methyl-2-pentanone	ND	97	93	4.2	110			70 - 130	30	
Acetone	ND	84	83	1.2	104			70 - 130	30	
Acrylonitrile	ND	113	116	2.6	147			70 - 130	30	m
Benzene	ND	98	90	8.5	149			70 - 130	30	m
Bromobenzene	ND	107	105	1.9	114			70 - 130	30	
Bromochloromethane	ND	107	103	3.8	124			70 - 130	30	

QA/QC Data

SDG I.D.: GBD78624

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromodichloromethane	ND	88	83	5.8	95			70 - 130	30	
Bromoform	ND	100	99	1.0	109			70 - 130	30	
Bromomethane	ND	101	98	3.0	96			70 - 130	30	
Carbon Disulfide	ND	104	97	7.0	147			70 - 130	30	m
Carbon tetrachloride	ND	78	73	6.6	95			70 - 130	30	
Chlorobenzene	ND	105	101	3.9	115			70 - 130	30	
Chloroethane	ND	102	98	4.0	144			70 - 130	30	m
Chloroform	ND	97	91	6.4	111			70 - 130	30	
Chloromethane	ND	98	92	6.3	123			70 - 130	30	
cis-1,2-Dichloroethene	ND	112	107	4.6	139			70 - 130	30	m
cis-1,3-Dichloropropene	ND	110	103	6.6	115			70 - 130	30	
Dibromochloromethane	ND	99	99	0.0	104			70 - 130	30	
Dibromomethane	ND	93	89	4.4	99			70 - 130	30	
Dichlorodifluoromethane	ND	99	91	8.4	99			70 - 130	30	
Ethylbenzene	ND	105	100	4.9	118			70 - 130	30	
Hexachlorobutadiene	ND	97	95	2.1	104			70 - 130	30	
Isopropylbenzene	ND	119	113	5.2	124			70 - 130	30	
m&p-Xylene	ND	106	103	2.9	120			70 - 130	30	
Methyl ethyl ketone	ND	88	86	2.3	125			70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	93	87	6.7	122			70 - 130	30	
Methylene chloride	ND	90	87	3.4	115			70 - 130	30	
Naphthalene	ND	115	113	1.8	111			70 - 130	30	
n-Butylbenzene	ND	112	106	5.5	119			70 - 130	30	
n-Propylbenzene	ND	119	113	5.2	120			70 - 130	30	
o-Xylene	ND	111	107	3.7	122			70 - 130	30	
p-Isopropyltoluene	ND	111	105	5.6	118			70 - 130	30	
sec-Butylbenzene	ND	107	102	4.8	119			70 - 130	30	
Styrene	ND	107	105	1.9	122			70 - 130	30	
tert-Butylbenzene	ND	109	104	4.7	120			70 - 130	30	
Tetrachloroethene	ND	106	100	5.8	111			70 - 130	30	
Tetrahydrofuran (THF)	ND	105	97	7.9	132			70 - 130	30	m
Toluene	ND	99	93	6.3	110			70 - 130	30	
trans-1,2-Dichloroethene	ND	109	102	6.6	131			70 - 130	30	m
trans-1,3-Dichloropropene	ND	104	98	5.9	109			70 - 130	30	
trans-1,4-dichloro-2-butene	ND	136	137	0.7	141			70 - 130	30	l,m
Trichloroethene	ND	108	102	5.7	121			70 - 130	30	
Trichlorofluoromethane	ND	89	81	9.4	94			70 - 130	30	
Trichlorotrifluoroethane	ND	103	94	9.1	106			70 - 130	30	
Vinyl chloride	ND	107	100	6.8	135			70 - 130	30	m
% 1,2-dichlorobenzene-d4	100	99	99	0.0	100			70 - 130	30	
% Bromofluorobenzene	84	90	91	1.1	97			70 - 130	30	
% Dibromofluoromethane	95	99	100	1.0	99			70 - 130	30	
% Toluene-d8	93	92	91	1.1	90			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.

QA/QC Data

SDG I.D.: GBD78624

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD 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
May 23, 2013

Sample Criteria Exceedences Report

GBD78624 - EBC

Requested Criteria: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78624	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD78624	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD78624	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD78624	$8270-SIMFSR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BD78624	$8270-SIMFSR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78624	$8270-SIMFSR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78624	$8270-SIMFSR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78624	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BD78624	$8270-SIMFSR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78624	$8270-SIMFSR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78624	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78624	$8270-SIMFSR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BD78624	$8270-SIMFSR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BD78624	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BD78624	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	20	1	1	ug/L
BD78624	$8270-SIMFSR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78624	$8270-SIMFSR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BD78624	$8270-SIMFSR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78624	$8270-SIMFSR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78624	$8270-SIMFSR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78624	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78624	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78624	$8270-SIMFSR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78624	$8270-SIMFSR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78624	$8270-SIMFSR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78624	$8270-SIMFSR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78624	$8270-SIMFSR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78624	$8270-SIMFSR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78624	$8270-SIMFSR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78624	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L
BD78624	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.49	0.040	0.002	0.002	ug/L
BD78624	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.49	0.040	0.002	0.002	ug/L

Sample Criteria Exceedences Report

GBD78624 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78624	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.61	0.050	0.002	0.002	ug/L
BD78624	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.61	0.050	0.002	0.002	ug/L
BD78624	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.35	0.050	0.002	0.002	ug/L
BD78624	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.35	0.050	0.002	0.002	ug/L
BD78624	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.11	0.050	0.002	0.002	ug/L
BD78624	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.11	0.050	0.002	0.002	ug/L
BD78624	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.26	0.050	0.002	0.002	ug/L
BD78624	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.12	0.050	0.002	0.002	ug/L
BD78624	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.12	0.050	0.002	0.002	ug/L
BD78624	$PEST_GAWR	Aldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.15	0.01	0.01	ug/L
BD78624	$PEST_GAWR	a-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	2.5	0.05	0.05	ug/L
BD78624	$PEST_GAWR	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	2.5	0.01	0.01	ug/L
BD78624	$PEST_GAWR	b-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.50	0.05	0.05	ug/L
BD78624	$PEST_GAWR	b-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	0.50	0.04	0.04	ug/L
BD78624	$PEST_GAWR	d-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	2.5	0.05	0.05	ug/L
BD78624	$PEST_GAWR	d-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	2.5	0.04	0.04	ug/L
BD78624	$PEST_GAWR	g-BHC (Lindane)	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	2.5	0.05	0.05	ug/L
BD78624	$PEST_GAWR	g-BHC (Lindane)	NY / TOGS - Water Quality / GA Criteria	ND*	2.5	0.05	0.05	ug/L
BD78624	$PEST_GAWR	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	30	0.1	0.1	ug/L
BD78624	$PEST_GAWR	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND*	30	0.05	0.05	ug/L
BD78624	$PEST_GAWR	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	5.0	0.01	0.01	ug/L
BD78624	$PEST_GAWR	4,4' -DDD	NY / TOGS - Water Quality / GA Criteria	ND*	5.0	0.3	0.3	ug/L
BD78624	$PEST_GAWR	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	5.0	0.01	0.01	ug/L
BD78624	$PEST_GAWR	4,4' -DDE	NY / TOGS - Water Quality / GA Criteria	ND*	5.0	0.2	0.2	ug/L
BD78624	$PEST_GAWR	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	5.0	0.01	0.01	ug/L
BD78624	$PEST_GAWR	4,4' -DDT	NY / TOGS - Water Quality / GA Criteria	ND*	5.0	0.2	0.2	ug/L
BD78624	$PEST_GAWR	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.15	0.01	0.01	ug/L
BD78624	$PEST_GAWR	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND*	0.15	0.004	0.004	ug/L
BD78624	$PEST_GAWR	Endosulfan I	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	5.0	0.1	0.1	ug/L
BD78624	$PEST_GAWR	Endosulfan II	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	5.0	0.1	0.1	ug/L
BD78624	$PEST_GAWR	Endosulfan Sulfate	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	5.0	0.1	0.1	ug/L
BD78624	$PEST_GAWR	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	5.0	0.01	0.01	ug/L
BD78624	$PEST_GAWR	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	2.5	0.01	0.01	ug/L
BD78624	$PEST_GAWR	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND*	2.5	0.04	0.04	ug/L
BD78624	$PEST_GAWR	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	2.5	0.01	0.01	ug/L
BD78624	$PEST_GAWR	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND*	2.5	0.03	0.03	ug/L
BD78624	$PEST_GAWR	Alachlor	NY / TOGS - Water Quality / GA Criteria	ND*	7.5	0.5	0.5	ug/L
BD78624	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND*	100	0.06	0.06	ug/L
BD78624	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	2.21	0.010	0.1	0.1	mg/L
BD78624	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.85	0.01	0.1	0.1	mg/L
BD78624	D-FE	Iron (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.535	0.011	0.3	0.3	mg/L
BD78624	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	57.0	0.01	35	35	mg/L

Sample Criteria Exceedences Report

GBD78624 - EBC

Requested Criteria: GW
State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78624	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	20.7	0.11	20	20	mg/L
BD78624	D-SB	Antimony (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BD78624	D-SE	Selenium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.011	0.01	0.01	mg/L
BD78624	D-TL	Thallium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BD78624	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	2.93	0.010	0.3	0.3	mg/L
BD78624	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	58.5	0.01	35	35	mg/L
BD78624	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	21.9	0.1	20	20	mg/L
BD78624	SB-WM	Antimony	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BD78624	TL-WM	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BD78625	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD78625	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD78625	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD78625	$8270-SIMFSR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BD78625	$8270-SIMFSR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78625	$8270-SIMFSR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78625	$8270-SIMFSR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78625	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BD78625	$8270-SIMFSR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78625	$8270-SIMFSR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78625	$8270-SIMFSR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78625	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BD78625	$8270-SIMFSR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BD78625	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BD78625	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	20	1	1	ug/L
BD78625	$8270-SIMFSR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78625	$8270-SIMFSR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BD78625	$8270-SIMFSR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78625	$8270-SIMFSR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78625	$8270-SIMFSR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78625	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78625	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L

Sample Criteria Exceedences Report

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SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78625	$8270-SIMFSR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78625	$8270-SIMFSR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78625	$8270-SIMFSR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78625	$8270-SIMFSR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78625	$8270-SIMFSR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78625	$8270-SIMFSR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78625	$8270-SIMFSR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78625	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L
BD78625	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.25	0.040	0.002	0.002	ug/L
BD78625	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.25	0.040	0.002	0.002	ug/L
BD78625	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.25	0.050	0.002	0.002	ug/L
BD78625	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.25	0.050	0.002	0.002	ug/L
BD78625	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.29	0.050	0.002	0.002	ug/L
BD78625	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.29	0.050	0.002	0.002	ug/L
BD78625	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.12	0.050	0.002	0.002	ug/L
BD78625	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.12	0.050	0.002	0.002	ug/L
BD78625	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.22	0.050	0.002	0.002	ug/L
BD78625	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.11	0.050	0.002	0.002	ug/L
BD78625	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.11	0.050	0.002	0.002	ug/L
BD78625	$PEST_GAWR	a-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.05	0.05	ug/L
BD78625	$PEST_GAWR	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.01	0.01	ug/L
BD78625	$PEST_GAWR	d-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.05	0.05	ug/L
BD78625	$PEST_GAWR	d-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.04	0.04	ug/L
BD78625	$PEST_GAWR	g-BHC (Lindane)	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.05	0.05	ug/L
BD78625	$PEST_GAWR	g-BHC (Lindane)	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.05	0.05	ug/L
BD78625	$PEST_GAWR	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	1.5	0.1	0.1	ug/L
BD78625	$PEST_GAWR	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND*	1.5	0.05	0.05	ug/L
BD78625	$PEST_GAWR	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.050	0.01	0.01	ug/L
BD78625	$PEST_GAWR	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.050	0.01	0.01	ug/L
BD78625	$PEST_GAWR	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.055	0.050	0.01	0.01	ug/L
BD78625	$PEST_GAWR	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND*	0.008	0.004	0.004	ug/L
BD78625	$PEST_GAWR	Endosulfan I	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.1	0.1	ug/L
BD78625	$PEST_GAWR	Endosulfan II	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.1	0.1	ug/L
BD78625	$PEST_GAWR	Endosulfan Sulfate	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.1	0.1	ug/L
BD78625	$PEST_GAWR	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.01	0.01	ug/L
BD78625	$PEST_GAWR	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.01	0.01	ug/L
BD78625	$PEST_GAWR	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.04	0.04	ug/L
BD78625	$PEST_GAWR	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.01	0.01	ug/L
BD78625	$PEST_GAWR	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.03	0.03	ug/L
BD78625	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND*	5.0	0.06	0.06	ug/L
BD78625	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	14.0	0.010	0.1	0.1	mg/L
BD78625	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.22	0.01	0.1	0.1	mg/L

Sample Criteria Exceedences Report

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BD78625	D-FE	Iron (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.26	0.011	0.3	0.3	mg/L
BD78625	D-MG	Magnesium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	39.3	0.01	35	35	mg/L
BD78625	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	41.0	0.11	20	20	mg/L
BD78625	D-PB	Lead (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.036	0.002	0.025	0.025	mg/L
BD78625	D-SB	Antimony (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BD78625	D-SE	Selenium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.011	0.01	0.01	mg/L
BD78625	D-TL	Thallium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BD78625	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	20.6	0.010	0.3	0.3	mg/L
BD78625	MG-WM	Magnesium	NY / TOGS - Water Quality / GA Criteria	45.1	0.01	35	35	mg/L
BD78625	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	0.433	0.001	0.3	0.3	mg/L
BD78625	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	46.5	0.1	20	20	mg/L
BD78625	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.192	0.002	0.025	0.025	mg/L
BD78625	SB-WM	Antimony	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BD78625	TL-WM	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BD78626	$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	350	20.0	5	5	ug/L
BD78626	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	23	1.0	5	5	ug/L
BD78626	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	23	1.0	5	5	ug/L
BD78626	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD78626	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	21	1.0	5	5	ug/L
BD78626	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	21	1.0	5	5	ug/L
BD78626	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD78626	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD78626	$8270-SIMFSR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BD78626	$8270-SIMFSR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78626	$8270-SIMFSR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78626	$8270-SIMFSR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78626	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BD78626	$8270-SIMFSR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78626	$8270-SIMFSR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78626	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78626	$8270-SIMFSR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BD78626	$8270-SIMFSR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BD78626	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L

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SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78626	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	20	1	1	ug/L
BD78626	$8270-SIMFSR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78626	$8270-SIMFSR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BD78626	$8270-SIMFSR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78626	$8270-SIMFSR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78626	$8270-SIMFSR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78626	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78626	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78626	$8270-SIMFSR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78626	$8270-SIMFSR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78626	$8270-SIMFSR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78626	$8270-SIMFSR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78626	$8270-SIMFSR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78626	$8270-SIMFSR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78626	$8270-SIMFSR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78626	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L
BD78626	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.7	0.040	0.002	0.002	ug/L
BD78626	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.7	0.040	0.002	0.002	ug/L
BD78626	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.74	0.050	0.002	0.002	ug/L
BD78626	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.74	0.050	0.002	0.002	ug/L
BD78626	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.91	0.050	0.002	0.002	ug/L
BD78626	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.91	0.050	0.002	0.002	ug/L
BD78626	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.3	0.050	0.002	0.002	ug/L
BD78626	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.3	0.050	0.002	0.002	ug/L
BD78626	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.61	0.050	0.002	0.002	ug/L
BD78626	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.34	0.050	0.002	0.002	ug/L
BD78626	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.34	0.050	0.002	0.002	ug/L
BD78626	$PEST_GAWR	a-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.05	0.05	ug/L
BD78626	$PEST_GAWR	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.01	0.01	ug/L
BD78626	$PEST_GAWR	d-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.05	0.05	ug/L
BD78626	$PEST_GAWR	d-BHC	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.04	0.04	ug/L
BD78626	$PEST_GAWR	g-BHC (Lindane)	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.05	0.05	ug/L
BD78626	$PEST_GAWR	g-BHC (Lindane)	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.05	0.05	ug/L
BD78626	$PEST_GAWR	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	1.5	0.1	0.1	ug/L
BD78626	$PEST_GAWR	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND*	1.5	0.05	0.05	ug/L
BD78626	$PEST_GAWR	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.050	0.01	0.01	ug/L
BD78626	$PEST_GAWR	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.050	0.01	0.01	ug/L
BD78626	$PEST_GAWR	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.15	0.050	0.01	0.01	ug/L
BD78626	$PEST_GAWR	Dieldrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.030	0.01	0.01	ug/L
BD78626	$PEST_GAWR	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND*	0.030	0.004	0.004	ug/L

Sample Criteria Exceedences Report

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SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78626	$PEST_GAWR	Endosulfan I	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.1	0.1	ug/L
BD78626	$PEST_GAWR	Endosulfan II	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.1	0.1	ug/L
BD78626	$PEST_GAWR	Endosulfan Sulfate	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.1	0.1	ug/L
BD78626	$PEST_GAWR	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.25	0.01	0.01	ug/L
BD78626	$PEST_GAWR	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.01	0.01	ug/L
BD78626	$PEST_GAWR	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.04	0.04	ug/L
BD78626	$PEST_GAWR	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND*	0.12	0.01	0.01	ug/L
BD78626	$PEST_GAWR	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND*	0.12	0.03	0.03	ug/L
BD78626	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND*	5.0	0.06	0.06	ug/L
BD78626	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	6.07	0.010	0.1	0.1	mg/L
BD78626	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.56	0.01	0.1	0.1	mg/L
BD78626	D-FE	Iron (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.642	0.011	0.3	0.3	mg/L
BD78626	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.05	0.001	0.3	0.3	mg/L
BD78626	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	35.6	0.11	20	20	mg/L
BD78626	D-SB	Antimony (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BD78626	D-SE	Selenium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.011	0.01	0.01	mg/L
BD78626	D-TL	Thallium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BD78626	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	9.02	0.010	0.3	0.3	mg/L
BD78626	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	1.11	0.001	0.3	0.3	mg/L
BD78626	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	37.6	0.1	20	20	mg/L
BD78626	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.052	0.002	0.025	0.025	mg/L
BD78626	SB-WM	Antimony	NY / TOGS - Water Quality / GA Criteria	BRL	0.005	0.003	0.003	mg/L
BD78626	TL-WM	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BD78627	$8260GWR	cis-1,2-Dichloroethene	NY / TOGS - Water Quality / GA Criteria	290	20	5	5	ug/L
BD78627	$8260GWR	Trichloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	23	1.0	5	5	ug/L
BD78627	$8260GWR	Trichloroethene	NY / TOGS - Water Quality / GA Criteria	23	1.0	5	5	ug/L
BD78627	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.0006	0.0006	ug/L
BD78627	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	20	1.0	5	5	ug/L
BD78627	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	20	1.0	5	5	ug/L
BD78627	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD78627	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	1.0	0.04	0.04	ug/L
BD78627	$8270-SIMFSR	Phenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	Phenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	Bis(2-chloroethyl)ether	NY / TOGS - Water Quality / GA Criteria	ND	5.0	1	1	ug/L
BD78627	$8270-SIMFSR	Aniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78627	$8270-SIMFSR	Aniline	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78627	$8270-SIMFSR	2-Chlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L
BD78627	$8270-SIMFSR	2-Methylphenol (o-cresol)	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	Nitrobenzene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.4	0.4	ug/L
BD78627	$8270-SIMFSR	2-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	5	5	ug/L

Sample Criteria Exceedences Report

GBD78624 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78627	$8270-SIMFSR	2-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	2,4-Dimethylphenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78627	$8270-SIMFSR	2,4-Dichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	5	5	ug/L
BD78627	$8270-SIMFSR	2,4-Dichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	4-Chloroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BD78627	$8270-SIMFSR	4-Chloroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BD78627	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	20	5	5	ug/L
BD78627	$8270-SIMFSR	4-Chloro-3-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	20	1	1	ug/L
BD78627	$8270-SIMFSR	2,4,6-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	2,4,5-Trichlorophenol	NY / TOGS - Water Quality / GA Criteria	ND	10	1	1	ug/L
BD78627	$8270-SIMFSR	4-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	20	5	5	ug/L
BD78627	$8270-SIMFSR	3-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78627	$8270-SIMFSR	3-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78627	$8270-SIMFSR	2,4-Dinitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78627	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78627	$8270-SIMFSR	2,4-Dinitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78627	$8270-SIMFSR	4-Nitrophenol	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78627	$8270-SIMFSR	4-Nitrophenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78627	$8270-SIMFSR	2-Nitroaniline	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	50	5	5	ug/L
BD78627	$8270-SIMFSR	2-Nitroaniline	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78627	$8270-SIMFSR	4,6-Dinitro-2-methylphenol	NY / TOGS - Water Quality / GA Criteria	ND	50	1	1	ug/L
BD78627	$8270-SIMFSR	Benzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78627	$8270-SIMFSR	3,3'-Dichlorobenzidine	NY / TOGS - Water Quality / GA Criteria	ND	50	5	5	ug/L
BD78627	$8270-SIMR	Hexachlorobenzene	NY / TOGS - Water Quality / GA Criteria	ND	0.060	0.04	0.04	ug/L
BD78627	$8270-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.11	0.040	0.002	0.002	ug/L
BD78627	$8270-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.11	0.040	0.002	0.002	ug/L
BD78627	$8270-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.1	0.050	0.002	0.002	ug/L
BD78627	$8270-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.1	0.050	0.002	0.002	ug/L
BD78627	$8270-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.14	0.050	0.002	0.002	ug/L
BD78627	$8270-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.14	0.050	0.002	0.002	ug/L
BD78627	$8270-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.05	0.050	0.002	0.002	ug/L
BD78627	$8270-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.05	0.050	0.002	0.002	ug/L
BD78627	$8270-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.09	0.050	0.002	0.002	ug/L
BD78627	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.050	0.002	0.002	ug/L
BD78627	$8270-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.050	0.002	0.002	ug/L
BD78627	$PEST_GAWR	a-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.12	0.05	0.05	ug/L
BD78627	$PEST_GAWR	a-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.12	0.01	0.01	ug/L
BD78627	$PEST_GAWR	d-BHC	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.12	0.05	0.05	ug/L
BD78627	$PEST_GAWR	d-BHC	NY / TOGS - Water Quality / GA Criteria	ND	0.12	0.04	0.04	ug/L

Sample Criteria Exceedences Report

GBD78624 - EBC

Requested Criteria: GW

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78627	$PEST_GAWR	g-BHC (Lindane)	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.12	0.05	0.05	ug/L
BD78627	$PEST_GAWR	g-BHC (Lindane)	NY / TOGS - Water Quality / GA Criteria	ND	0.12	0.05	0.05	ug/L
BD78627	$PEST_GAWR	Chlordane	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	1.5	0.1	0.1	ug/L
BD78627	$PEST_GAWR	Chlordane	NY / TOGS - Water Quality / GA Criteria	ND	1.5	0.05	0.05	ug/L
BD78627	$PEST_GAWR	4,4' -DDD	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BD78627	$PEST_GAWR	4,4' -DDE	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.050	0.01	0.01	ug/L
BD78627	$PEST_GAWR	4,4' -DDT	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	0.043	0.025	0.01	0.01	ug/L
BD78627	$PEST_GAWR	Dieldrin	NY / TOGS - Water Quality / GA Criteria	ND	0.008	0.004	0.004	ug/L
BD78627	$PEST_GAWR	Endosulfan I	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.1	0.1	ug/L
BD78627	$PEST_GAWR	Endosulfan II	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.1	0.1	ug/L
BD78627	$PEST_GAWR	Endosulfan Sulfate	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.1	0.1	ug/L
BD78627	$PEST_GAWR	Endrin	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.25	0.01	0.01	ug/L
BD78627	$PEST_GAWR	Heptachlor	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.12	0.01	0.01	ug/L
BD78627	$PEST_GAWR	Heptachlor	NY / TOGS - Water Quality / GA Criteria	ND	0.12	0.04	0.04	ug/L
BD78627	$PEST_GAWR	Heptachlor epoxide	NY / TAGM - Pest/Herb/PCBs / Groundwater Standards	ND	0.12	0.01	0.01	ug/L
BD78627	$PEST_GAWR	Heptachlor epoxide	NY / TOGS - Water Quality / GA Criteria	ND	0.12	0.03	0.03	ug/L
BD78627	$PEST_GAWR	Toxaphene	NY / TOGS - Water Quality / GA Criteria	ND	5.0	0.06	0.06	ug/L
BD78627	AL-WM	Aluminum	NY / TOGS - Water Quality / GA Criteria	2.35	0.010	0.1	0.1	mg/L
BD78627	D-AL	Aluminum (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.42	0.01	0.1	0.1	mg/L
BD78627	D-FE	Iron (Dissolved)	NY / TOGS - Water Quality / GA Criteria	0.512	0.011	0.3	0.3	mg/L
BD78627	D-MN	Manganese (Dissolved)	NY / TOGS - Water Quality / GA Criteria	1.02	0.001	0.3	0.3	mg/L
BD78627	D-NA	Sodium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	35.2	0.11	20	20	mg/L
BD78627	D-TL	Thallium (Dissolved)	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L
BD78627	FE-WM	Iron	NY / TOGS - Water Quality / GA Criteria	3.29	0.010	0.3	0.3	mg/L
BD78627	MN-WM	Manganese	NY / TOGS - Water Quality / GA Criteria	1.00	0.001	0.3	0.3	mg/L
BD78627	NA-WM	Sodium	NY / TOGS - Water Quality / GA Criteria	37.8	0.1	20	20	mg/L
BD78627	PB-WM	Lead	NY / TOGS - Water Quality / GA Criteria	0.027	0.002	0.025	0.025	mg/L
BD78627	TL-WM	Thallium	NY / TOGS - Water Quality / GA Criteria	BRL	0.002	0.0005	0.0005	mg/L

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

May 23, 2013

SDG I.D.: GBD78624

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

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 on ice Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: csosik@ebcincny.com

Customer: EBC
Address: 1808 Middle Country Rd Ridge, NY

Project: 82 Throop Ave
Report to: EBC
Invoice to: EBC

Project P.O:
Phone #: 631-504-6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5/14/13

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=oil
GW=groundwater SL=sludge A=air X=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOCs	SVOCs	Pest/PCBs	Metals (dissolved)	Metals (total)	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [ ] As is [X]	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
*78624	GW-1	GW	5/14/13		X	X	X	X	X				3	3	1		1		
78625	GW-2	↓	↓		↓	↓	↓	↓	↓				↓	↓	↓		↓		
78626	GW-3	↓	↓		↓	↓	↓	↓	↓				↓	↓	↓		↓		
78627	Duplicate	↓	↓		↓	↓	↓	↓	↓				↓	↓	↓		↓		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	5-14-13	1035
Thomas Sawto	[signature]	5/14/13	1633

Comments, Special Requirements or Regulations:

Bottle Broke @ lab

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☒ TOGS GA GW
☐ CP-51 Soil
☐ NY375 Unrestricted Soil
☐ NY375 Residential Soil
☐ NY375 Restricted Non-Residential Soil

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

PHOENIX
Environmental Laboratories, Inc.

Tuesday, May 21, 2013

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 82 THROOP AVE., BROOKLYN
Sample ID#s: BD78164 - BD78170, BD78200 - BD78201

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,

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
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PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/13/13	8:00
Location Code:	EBC	Received by:	LB	05/14/13	14:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78164
Phoenix ID: BD78164

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.34	0.34	mg/Kg	05/15/13	LK	SW6010
Aluminum	8180	51	mg/Kg	05/15/13	LK	SW6010
Arsenic	7.4	0.7	mg/Kg	05/15/13	LK	SW6010
Barium	398	0.34	mg/Kg	05/15/13	LK	SW6010
Beryllium	0.49	0.27	mg/Kg	05/15/13	LK	SW6010
Calcium	22600	51	mg/Kg	05/15/13	LK	SW6010
Cadmium	1.42	0.34	mg/Kg	05/15/13	LK	SW6010
Cobalt	5.91	0.34	mg/Kg	05/15/13	LK	SW6010
Chromium	46.4	0.34	mg/Kg	05/15/13	LK	SW6010
Copper	97.7	0.34	mg/kg	05/15/13	LK	SW6010
Iron	32600	51	mg/Kg	05/15/13	LK	SW6010
Mercury	1.15	0.07	mg/Kg	05/15/13	RS	SW-7471
Potassium	1050	5.1	mg/Kg	05/15/13	LK	SW6010
Magnesium	3170	5.1	mg/Kg	05/15/13	LK	SW6010
Manganese	325	3.4	mg/Kg	05/15/13	LK	SW6010
Sodium	355	5.1	mg/Kg	05/15/13	LK	SW6010
Nickel	25.4	0.34	mg/Kg	05/15/13	LK	SW6010
Lead	451	3.4	mg/Kg	05/15/13	LK	SW6010
Antimony	< 3.4	3.4	mg/Kg	05/15/13	LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	05/15/13	LK	SW6010
Thallium	< 0.5	0.5	mg/Kg	05/15/13	LK	SW6010
Vanadium	31.7	0.34	mg/Kg	05/15/13	LK	SW6010
Zinc	378	3.4	mg/Kg	05/15/13	LK	SW6010
Percent Solid	87		%	05/15/13	JL	E160.3
Soil Extraction for PCB	Completed			05/14/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed			05/14/13	BB	SW3545
Soil Extraction for SVOA	Completed			05/14/13	JJ/V	SW3545
Mercury Digestion	Completed			05/15/13	X/X	SW7471

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 0-2

Phoenix I.D.: BD78164

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/14/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			05/13/13		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1221	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1232	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1242	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1248	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1254	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1260	100	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1262	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1268	ND	76	ug/Kg	05/15/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	88		%	05/15/13	AW	30 - 150 %	
% TCMX	66		%	05/15/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND*	36	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDE	ND*	36	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDT	54	36	ug/Kg	05/16/13	MH	SW8081	
a-BHC	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Alachlor	ND*	18	ug/Kg	05/16/13	MH	SW8081	1
Aldrin	ND*	5.7	ug/Kg	05/16/13	MH	SW8081	
b-BHC	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Chlordane	220	57	ug/Kg	05/16/13	MH	SW8081	
d-BHC	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Dieldrin	ND*	5.7	ug/Kg	05/16/13	MH	SW8081	
Endosulfan I	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Endosulfan II	ND*	36	ug/Kg	05/16/13	MH	SW8081	
Endosulfan sulfate	ND*	36	ug/Kg	05/16/13	MH	SW8081	
Endrin	ND*	36	ug/Kg	05/16/13	MH	SW8081	
Endrin aldehyde	ND*	36	ug/Kg	05/16/13	MH	SW8081	
Endrin ketone	ND*	36	ug/Kg	05/16/13	MH	SW8081	
g-BHC	ND*	5.7	ug/Kg	05/16/13	MH	SW8081	
Heptachlor	ND*	11	ug/Kg	05/16/13	MH	SW8081	
Heptachlor epoxide	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Methoxychlor	ND*	180	ug/Kg	05/16/13	MH	SW8081	
Toxaphene	ND*	180	ug/Kg	05/16/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	91		%	05/16/13	MH	30 - 150 %	
% TCMX	89		%	05/16/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.2	ug/Kg	05/15/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 0-2

Phoenix I.D.: BD78164

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
2-Chlorotoluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
2-Hexanone	ND	26	ug/Kg	05/15/13	R/J	SW8260	
2-Isopropyltoluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	1
4-Chlorotoluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	26	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	26	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	3.2	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	32	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	5.3	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	101		%	05/15/13	R/J	70 - 130 %	
% Dibromofluoromethane	100		%	05/15/13	R/J	70 - 130 %	
% Toluene-d8	102		%	05/15/13	R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	530	ug/Kg	05/16/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	530	ug/Kg	05/16/13	DD	SW 8270
1,2-Dichlorobenzene	ND	530	ug/Kg	05/16/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	760	ug/Kg	05/16/13	DD	SW 8270
1,3-Dichlorobenzene	ND	530	ug/Kg	05/16/13	DD	SW 8270
1,4-Dichlorobenzene	ND	530	ug/Kg	05/16/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	530	ug/Kg	05/16/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	530	ug/Kg	05/16/13	DD	SW 8270
2,4-Dichlorophenol	ND	530	ug/Kg	05/16/13	DD	SW 8270
2,4-Dimethylphenol	ND	530	ug/Kg	05/16/13	DD	SW 8270
2,4-Dinitrophenol	ND	1200	ug/Kg	05/16/13	DD	SW 8270
2,4-Dinitrotoluene	ND	530	ug/Kg	05/16/13	DD	SW 8270
2,6-Dinitrotoluene	ND	530	ug/Kg	05/16/13	DD	SW 8270
2-Chloronaphthalene	ND	530	ug/Kg	05/16/13	DD	SW 8270
2-Chlorophenol	ND	530	ug/Kg	05/16/13	DD	SW 8270
2-Methylnaphthalene	ND	530	ug/Kg	05/16/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	530	ug/Kg	05/16/13	DD	SW 8270
2-Nitroaniline	ND	1200	ug/Kg	05/16/13	DD	SW 8270
2-Nitrophenol	ND	530	ug/Kg	05/16/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	760	ug/Kg	05/16/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	530	ug/Kg	05/16/13	DD	SW 8270
3-Nitroaniline	ND	1200	ug/Kg	05/16/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	05/16/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	760	ug/Kg	05/16/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	530	ug/Kg	05/16/13	DD	SW 8270
4-Chloroaniline	ND	530	ug/Kg	05/16/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	530	ug/Kg	05/16/13	DD	SW 8270
4-Nitroaniline	ND	1200	ug/Kg	05/16/13	DD	SW 8270

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 0-2

Phoenix I.D.: BD78164

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	2200	ug/Kg	05/16/13	DD	SW 8270	
Acenaphthene	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Acenaphthylene	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Acetophenone	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Aniline	ND	2200	ug/Kg	05/16/13	DD	SW 8270	
Anthracene	890	530	ug/Kg	05/16/13	DD	SW 8270	
Benz(a)anthracene	3300	530	ug/Kg	05/16/13	DD	SW 8270	
Benzidine	ND	920	ug/Kg	05/16/13	DD	SW 8270	
Benzo(a)pyrene	2900	530	ug/Kg	05/16/13	DD	SW 8270	
Benzo(b)fluoranthene	4300	530	ug/Kg	05/16/13	DD	SW 8270	
Benzo(ghi)perylene	1200	530	ug/Kg	05/16/13	DD	SW 8270	
Benzo(k)fluoranthene	1600	530	ug/Kg	05/16/13	DD	SW 8270	
Benzoic acid	ND	2200	ug/Kg	05/16/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	760	ug/Kg	05/16/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	530	ug/Kg	05/16/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	1200	530	ug/Kg	05/16/13	DD	SW 8270	
Carbazole	ND	1100	ug/Kg	05/16/13	DD	SW 8270	
Chrysene	3500	530	ug/Kg	05/16/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Dibenzofuran	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Diethyl phthalate	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Dimethylphthalate	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Di-n-butylphthalate	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Di-n-octylphthalate	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Fluoranthene	5600	530	ug/Kg	05/16/13	DD	SW 8270	
Fluorene	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Hexachlorobenzene	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Hexachlorobutadiene	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Hexachloroethane	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	1100	530	ug/Kg	05/16/13	DD	SW 8270	
Isophorone	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Naphthalene	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Nitrobenzene	ND	530	ug/Kg	05/16/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	760	ug/Kg	05/16/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	530	ug/Kg	05/16/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	760	ug/Kg	05/16/13	DD	SW 8270	
Pentachloronitrobenzene	ND	760	ug/Kg	05/16/13	DD	SW 8270	
Pentachlorophenol	ND	760	ug/Kg	05/16/13	DD	SW 8270	
Phenanthrene	4300	530	ug/Kg	05/16/13	DD	SW 8270	
Phenol	ND	530	ug/Kg	05/16/13	DD	SW 8270	
Pyrene	5200	530	ug/Kg	05/16/13	DD	SW 8270	
Pyridine	ND	760	ug/Kg	05/16/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	73		%	05/16/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	64		%	05/16/13	DD	30 - 130 %	
% 2-Fluorophenol	65		%	05/16/13	DD	30 - 130 %	
% Nitrobenzene-d5	60		%	05/16/13	DD	30 - 130 %	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 0-2

Phoenix I.D.: BD78164

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Phenol-d5	56		%	05/16/13	DD	30 - 130 %
% Terphenyl-d14	56		%	05/16/13	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.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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.

* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

* For Pesticides, due to matrix interference from non target compounds 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
May 21, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/13/13	8:30
Location Code:	EBC	Received by:	LB	05/14/13	14:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78164
Phoenix ID: BD78165

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.36	0.36	mg/Kg	05/15/13	LK	SW6010
Aluminum	8580	54	mg/Kg	05/15/13	LK	SW6010
Arsenic	1.2	0.7	mg/Kg	05/15/13	LK	SW6010
Barium	36.4	0.36	mg/Kg	05/15/13	LK	SW6010
Beryllium	0.39	0.29	mg/Kg	05/15/13	LK	SW6010
Calcium	1220	5.4	mg/Kg	05/15/13	LK	SW6010
Cadmium	< 0.36	0.36	mg/Kg	05/15/13	LK	SW6010
Cobalt	4.39	0.36	mg/Kg	05/15/13	LK	SW6010
Chromium	14.9	0.36	mg/Kg	05/15/13	LK	SW6010
Copper	14.0	0.36	mg/kg	05/15/13	LK	SW6010
Iron	9520	54	mg/Kg	05/15/13	LK	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/15/13	RS	SW-7471
Potassium	933	5.4	mg/Kg	05/15/13	LK	SW6010
Magnesium	2170	5.4	mg/Kg	05/15/13	LK	SW6010
Manganese	135	0.36	mg/Kg	05/15/13	LK	SW6010
Sodium	72.6	5.4	mg/Kg	05/15/13	LK	SW6010
Nickel	10.6	0.36	mg/Kg	05/15/13	LK	SW6010
Lead	14.8	0.36	mg/Kg	05/15/13	LK	SW6010
Antimony	< 3.6	3.6	mg/Kg	05/15/13	LK	SW6010
Selenium	< 1.4	1.4	mg/Kg	05/15/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	05/15/13	LK	SW6010
Vanadium	21.9	0.36	mg/Kg	05/15/13	LK	SW6010
Zinc	26.4	0.36	mg/Kg	05/15/13	LK	SW6010
Percent Solid	87		%	05/15/13	JL	E160.3
Soil Extraction for PCB	Completed			05/14/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed			05/14/13	BB	SW3545
Soil Extraction for SVOA	Completed			05/14/13	JJ/V	SW3545
Mercury Digestion	Completed			05/15/13	X/X	SW7471

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 8-10

Phoenix I.D.: BD78165

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/14/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			05/13/13		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	75	ug/Kg	05/15/13	AW	SW 8082	
PCB-1221	ND	75	ug/Kg	05/15/13	AW	SW 8082	
PCB-1232	ND	75	ug/Kg	05/15/13	AW	SW 8082	
PCB-1242	ND	75	ug/Kg	05/15/13	AW	SW 8082	
PCB-1248	ND	75	ug/Kg	05/15/13	AW	SW 8082	
PCB-1254	ND	75	ug/Kg	05/15/13	AW	SW 8082	
PCB-1260	ND	75	ug/Kg	05/15/13	AW	SW 8082	
PCB-1262	ND	75	ug/Kg	05/15/13	AW	SW 8082	
PCB-1268	ND	75	ug/Kg	05/15/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	84		%	05/15/13	AW	30 - 150 %	
% TCMX	72		%	05/15/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.2	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDT	ND	2.2	ug/Kg	05/16/13	MH	SW8081	
a-BHC	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Alachlor	ND	3.6	ug/Kg	05/16/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	05/16/13	MH	SW8081	
b-BHC	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	05/16/13	MH	SW8081	
d-BHC	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Dieldrin	ND	1.1	ug/Kg	05/16/13	MH	SW8081	
Endosulfan I	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Endosulfan II	ND	7.2	ug/Kg	05/16/13	MH	SW8081	
Endosulfan sulfate	ND	7.2	ug/Kg	05/16/13	MH	SW8081	
Endrin	ND	7.2	ug/Kg	05/16/13	MH	SW8081	
Endrin aldehyde	ND	7.2	ug/Kg	05/16/13	MH	SW8081	
Endrin ketone	ND	7.2	ug/Kg	05/16/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	05/16/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	05/16/13	MH	SW8081	
Heptachlor epoxide	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Methoxychlor	ND	36	ug/Kg	05/16/13	MH	SW8081	
Toxaphene	ND	36	ug/Kg	05/16/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	99		%	05/16/13	MH	30 - 150 %	
% TCMX	69		%	05/16/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	88	ug/Kg	05/16/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,1-Dichloroethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,1-Dichloroethene	ND	150	ug/Kg	05/16/13	R/J	SW8260	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 8-10

Phoenix I.D.: BD78165

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,2-Dibromoethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,2-Dichloroethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,2-Dichloropropane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,3-Dichloropropane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
2,2-Dichloropropane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
2-Chlorotoluene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
2-Hexanone	ND	740	ug/Kg	05/16/13	R/J	SW8260	
2-Isopropyltoluene	ND	150	ug/Kg	05/16/13	R/J	SW8260	1
4-Chlorotoluene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	740	ug/Kg	05/16/13	R/J	SW8260	
Acetone	ND	2900	ug/Kg	05/16/13	R/J	SW8260	
Acrylonitrile	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Benzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Bromobenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Bromochloromethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Bromodichloromethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Bromoform	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Bromomethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Carbon Disulfide	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Carbon tetrachloride	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Chlorobenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Chloroethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Chloroform	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Chloromethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	150	ug/Kg	05/16/13	R/J	SW8260	1
Dibromochloromethane	ND	88	ug/Kg	05/16/13	R/J	SW8260	
Dibromomethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Dichlorodifluoromethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Ethylbenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Hexachlorobutadiene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Isopropylbenzene	220	150	ug/Kg	05/16/13	R/J	SW8260	
m&p-Xylene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	880	ug/Kg	05/16/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	290	ug/Kg	05/16/13	R/J	SW8260	
Methylene chloride	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Naphthalene	150	150	ug/Kg	05/16/13	R/J	SW8260	
n-Butylbenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
n-Propylbenzene	310	150	ug/Kg	05/16/13	R/J	SW8260	
o-Xylene	ND	150	ug/Kg	05/16/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
sec-Butylbenzene	410	150	ug/Kg	05/16/13	R/J	SW8260	
Styrene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
tert-Butylbenzene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Tetrachloroethene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	290	ug/Kg	05/16/13	R/J	SW8260	1
Toluene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Total Xylenes	ND	150	ug/Kg	05/16/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	290	ug/Kg	05/16/13	R/J	SW8260	
Trichloroethene	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Trichlorofluoromethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	150	ug/Kg	05/16/13	R/J	SW8260	
Vinyl chloride	ND	150	ug/Kg	05/16/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	103		%	05/16/13	R/J	70 - 130 %	
% Bromofluorobenzene	120		%	05/16/13	R/J	70 - 130 %	
% Dibromofluoromethane	97		%	05/16/13	R/J	70 - 130 %	
% Toluene-d8	97		%	05/16/13	R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	370	ug/Kg	05/15/13	DD	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4-Dinitrophenol	ND	600	ug/Kg	05/15/13	DD	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Chlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Nitroaniline	ND	600	ug/Kg	05/15/13	DD	SW 8270
2-Nitrophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	05/15/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	260	ug/Kg	05/15/13	DD	SW 8270
3-Nitroaniline	ND	600	ug/Kg	05/15/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/15/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	05/15/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
4-Chloroaniline	ND	260	ug/Kg	05/15/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	05/15/13	DD	SW 8270
4-Nitroaniline	ND	600	ug/Kg	05/15/13	DD	SW 8270

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 8-10

Phoenix I.D.: BD78165

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1100	ug/Kg	05/15/13	DD	SW 8270	
Acenaphthene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Acenaphthylene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Acetophenone	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	05/15/13	DD	SW 8270	
Anthracene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Benz(a)anthracene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Benzidine	ND	450	ug/Kg	05/15/13	DD	SW 8270	
Benzo(a)pyrene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Benzo(ghi)perylene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	05/15/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	05/15/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Carbazole	ND	560	ug/Kg	05/15/13	DD	SW 8270	
Chrysene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Dibenzofuran	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Diethyl phthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Dimethylphthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Fluoranthene	310	260	ug/Kg	05/15/13	DD	SW 8270	
Fluorene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachloroethane	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Isophorone	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Naphthalene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Nitrobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	370	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	370	ug/Kg	05/15/13	DD	SW 8270	
Pentachloronitrobenzene	ND	370	ug/Kg	05/15/13	DD	SW 8270	
Pentachlorophenol	ND	370	ug/Kg	05/15/13	DD	SW 8270	
Phenanthrene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Phenol	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Pyrene	610	260	ug/Kg	05/15/13	DD	SW 8270	
Pyridine	ND	370	ug/Kg	05/15/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	89		%	05/15/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	93		%	05/15/13	DD	30 - 130 %	
% 2-Fluorophenol	85		%	05/15/13	DD	30 - 130 %	
% Nitrobenzene-d5	66		%	05/15/13	DD	30 - 130 %	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB1 8-10

Phoenix I.D.: BD78165

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Phenol-d5	65		%	05/15/13	DD	30 - 130 %
% Terphenyl-d14	93		%	05/15/13	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.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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.

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
May 21, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/13/13	9:00
Location Code:	EBC	Received by:	LB	05/14/13	14:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78164
Phoenix ID: BD78166

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.42	0.42	mg/Kg	05/15/13	LK	SW6010
Aluminum	8700	63	mg/Kg	05/15/13	LK	SW6010
Arsenic	9.2	0.8	mg/Kg	05/15/13	LK	SW6010
Barium	642	0.42	mg/Kg	05/15/13	LK	SW6010
Beryllium	0.46	0.33	mg/Kg	05/15/13	LK	SW6010
Calcium	27400	63	mg/Kg	05/15/13	LK	SW6010
Cadmium	1.62	0.42	mg/Kg	05/15/13	LK	SW6010
Cobalt	5.57	0.42	mg/Kg	05/15/13	LK	SW6010
Chromium	19.3	0.42	mg/Kg	05/15/13	LK	SW6010
Copper	55.6	0.42	mg/kg	05/15/13	LK	SW6010
Iron	25200	63	mg/Kg	05/15/13	LK	SW6010
Mercury	0.44	0.07	mg/Kg	05/15/13	RS	SW-7471
Potassium	1110	6.3	mg/Kg	05/15/13	LK	SW6010
Magnesium	3900	6.3	mg/Kg	05/15/13	LK	SW6010
Manganese	353	4.2	mg/Kg	05/15/13	LK	SW6010
Sodium	2930	6.3	mg/Kg	05/15/13	LK	SW6010
Nickel	15.3	0.42	mg/Kg	05/15/13	LK	SW6010
Lead	967	4.2	mg/Kg	05/15/13	LK	SW6010
Antimony	< 4.2	4.2	mg/Kg	05/15/13	LK	SW6010
Selenium	< 1.7	1.7	mg/Kg	05/15/13	LK	SW6010
Thallium	< 0.7	0.7	mg/Kg	05/15/13	LK	SW6010
Vanadium	27.8	0.42	mg/Kg	05/15/13	LK	SW6010
Zinc	537	4.2	mg/Kg	05/15/13	LK	SW6010
Percent Solid	83		%	05/15/13	JL	E160.3
Soil Extraction for PCB	Completed			05/14/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed			05/14/13	BB	SW3545
Soil Extraction for SVOA	Completed			05/14/13	JJ/V	SW3545
Mercury Digestion	Completed			05/15/13	X/X	SW7471

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 0-2

Phoenix I.D.: BD78166

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/14/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			05/13/13		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	79	ug/Kg	05/15/13	AW	SW 8082	
PCB-1221	ND	79	ug/Kg	05/15/13	AW	SW 8082	
PCB-1232	ND	79	ug/Kg	05/15/13	AW	SW 8082	
PCB-1242	ND	79	ug/Kg	05/15/13	AW	SW 8082	
PCB-1248	ND	79	ug/Kg	05/15/13	AW	SW 8082	
PCB-1254	ND	79	ug/Kg	05/15/13	AW	SW 8082	
PCB-1260	130	79	ug/Kg	05/15/13	AW	SW 8082	
PCB-1262	ND	79	ug/Kg	05/15/13	AW	SW 8082	
PCB-1268	ND	79	ug/Kg	05/15/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	78		%	05/15/13	AW	30 - 150 %	
% TCMX	66		%	05/15/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND*	12	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDE	34	12	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDT	140	12	ug/Kg	05/16/13	MH	SW8081	
a-BHC	ND*	19	ug/Kg	05/16/13	MH	SW8081	
Alachlor	ND*	19	ug/Kg	05/16/13	MH	SW8081	1
Aldrin	ND*	6.0	ug/Kg	05/16/13	MH	SW8081	
b-BHC	ND*	19	ug/Kg	05/16/13	MH	SW8081	
Chlordane	150	60	ug/Kg	05/16/13	MH	SW8081	
d-BHC	ND*	19	ug/Kg	05/16/13	MH	SW8081	
Dieldrin	11	6.0	ug/Kg	05/16/13	MH	SW8081	
Endosulfan I	ND*	19	ug/Kg	05/16/13	MH	SW8081	
Endosulfan II	ND*	38	ug/Kg	05/16/13	MH	SW8081	
Endosulfan sulfate	ND*	38	ug/Kg	05/16/13	MH	SW8081	
Endrin	ND*	38	ug/Kg	05/16/13	MH	SW8081	
Endrin aldehyde	ND*	38	ug/Kg	05/16/13	MH	SW8081	
Endrin ketone	ND*	38	ug/Kg	05/16/13	MH	SW8081	
g-BHC	ND*	6.0	ug/Kg	05/16/13	MH	SW8081	
Heptachlor	ND*	12	ug/Kg	05/16/13	MH	SW8081	
Heptachlor epoxide	ND*	19	ug/Kg	05/16/13	MH	SW8081	
Methoxychlor	ND*	190	ug/Kg	05/16/13	MH	SW8081	
Toxaphene	ND*	190	ug/Kg	05/16/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	88		%	05/16/13	MH	30 - 150 %	
% TCMX	90		%	05/16/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.3	ug/Kg	05/15/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 0-2

Phoenix I.D.: BD78166

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
2-Chlorotoluene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
2-Hexanone	ND	27	ug/Kg	05/15/13	R/J	SW8260	
2-Isopropyltoluene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	1
4-Chlorotoluene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	27	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	27	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	3.3	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	33	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	5.4	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	97		%	05/15/13	R/J	70 - 130 %	
% Dibromofluoromethane	106		%	05/15/13	R/J	70 - 130 %	
% Toluene-d8	102		%	05/15/13	R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	280	ug/Kg	05/16/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	280	ug/Kg	05/16/13	DD	SW 8270
1,2-Dichlorobenzene	ND	280	ug/Kg	05/16/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	400	ug/Kg	05/16/13	DD	SW 8270
1,3-Dichlorobenzene	ND	280	ug/Kg	05/16/13	DD	SW 8270
1,4-Dichlorobenzene	ND	280	ug/Kg	05/16/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	280	ug/Kg	05/16/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	280	ug/Kg	05/16/13	DD	SW 8270
2,4-Dichlorophenol	ND	280	ug/Kg	05/16/13	DD	SW 8270
2,4-Dimethylphenol	ND	280	ug/Kg	05/16/13	DD	SW 8270
2,4-Dinitrophenol	ND	640	ug/Kg	05/16/13	DD	SW 8270
2,4-Dinitrotoluene	ND	280	ug/Kg	05/16/13	DD	SW 8270
2,6-Dinitrotoluene	ND	280	ug/Kg	05/16/13	DD	SW 8270
2-Chloronaphthalene	ND	280	ug/Kg	05/16/13	DD	SW 8270
2-Chlorophenol	ND	280	ug/Kg	05/16/13	DD	SW 8270
2-Methylnaphthalene	ND	280	ug/Kg	05/16/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	280	ug/Kg	05/16/13	DD	SW 8270
2-Nitroaniline	ND	640	ug/Kg	05/16/13	DD	SW 8270
2-Nitrophenol	ND	280	ug/Kg	05/16/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	400	ug/Kg	05/16/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	280	ug/Kg	05/16/13	DD	SW 8270
3-Nitroaniline	ND	640	ug/Kg	05/16/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1200	ug/Kg	05/16/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	400	ug/Kg	05/16/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	280	ug/Kg	05/16/13	DD	SW 8270
4-Chloroaniline	ND	280	ug/Kg	05/16/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	280	ug/Kg	05/16/13	DD	SW 8270
4-Nitroaniline	ND	640	ug/Kg	05/16/13	DD	SW 8270

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 0-2

Phoenix I.D.: BD78166

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1200	ug/Kg	05/16/13	DD	SW 8270	
Acenaphthene	360	280	ug/Kg	05/16/13	DD	SW 8270	
Acenaphthylene	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Acetophenone	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Aniline	ND	1200	ug/Kg	05/16/13	DD	SW 8270	
Anthracene	1100	280	ug/Kg	05/16/13	DD	SW 8270	
Benz(a)anthracene	3100	280	ug/Kg	05/16/13	DD	SW 8270	
Benzidine	ND	480	ug/Kg	05/16/13	DD	SW 8270	
Benzo(a)pyrene	2700	280	ug/Kg	05/16/13	DD	SW 8270	
Benzo(b)fluoranthene	4000	280	ug/Kg	05/16/13	DD	SW 8270	
Benzo(ghi)perylene	970	280	ug/Kg	05/16/13	DD	SW 8270	
Benzo(k)fluoranthene	1300	280	ug/Kg	05/16/13	DD	SW 8270	
Benzoic acid	ND	1200	ug/Kg	05/16/13	DD	SW 8270	LO
Benzyl butyl phthalate	570	280	ug/Kg	05/16/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	400	ug/Kg	05/16/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	280	ug/Kg	05/16/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	840	280	ug/Kg	05/16/13	DD	SW 8270	
Carbazole	830	600	ug/Kg	05/16/13	DD	SW 8270	
Chrysene	3300	280	ug/Kg	05/16/13	DD	SW 8270	
Dibenz(a,h)anthracene	310	280	ug/Kg	05/16/13	DD	SW 8270	
Dibenzofuran	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Diethyl phthalate	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Dimethylphthalate	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Di-n-butylphthalate	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Di-n-octylphthalate	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Fluoranthene	5900	280	ug/Kg	05/16/13	DD	SW 8270	
Fluorene	410	280	ug/Kg	05/16/13	DD	SW 8270	
Hexachlorobenzene	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Hexachlorobutadiene	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Hexachloroethane	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	900	280	ug/Kg	05/16/13	DD	SW 8270	
Isophorone	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Naphthalene	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Nitrobenzene	ND	280	ug/Kg	05/16/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	400	ug/Kg	05/16/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	280	ug/Kg	05/16/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	400	ug/Kg	05/16/13	DD	SW 8270	
Pentachloronitrobenzene	ND	400	ug/Kg	05/16/13	DD	SW 8270	
Pentachlorophenol	ND	400	ug/Kg	05/16/13	DD	SW 8270	
Phenanthrene	5300	280	ug/Kg	05/16/13	DD	SW 8270	
Phenol	ND	280	ug/Kg	05/16/13	DD	SW 8270	
Pyrene	5600	280	ug/Kg	05/16/13	DD	SW 8270	
Pyridine	ND	400	ug/Kg	05/16/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	106		%	05/16/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	87		%	05/16/13	DD	30 - 130 %	
% 2-Fluorophenol	87		%	05/16/13	DD	30 - 130 %	
% Nitrobenzene-d5	82		%	05/16/13	DD	30 - 130 %	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 0-2

Phoenix I.D.: BD78166

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Phenol-d5	76		%	05/16/13	DD	30 - 130 %
% Terphenyl-d14	77		%	05/16/13	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.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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.

* For Pesticides, due to matrix interference from non target compounds 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
May 21, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/13/13	9:30
Location Code:	EBC	Received by:	LB	05/14/13	14:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78164
Phoenix ID: BD78167

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	05/15/13	LK	SW6010
Aluminum	8250	59	mg/Kg	05/15/13	LK	SW6010
Arsenic	3.7	0.8	mg/Kg	05/15/13	LK	SW6010
Barium	85.2	0.39	mg/Kg	05/15/13	LK	SW6010
Beryllium	0.42	0.31	mg/Kg	05/15/13	LK	SW6010
Calcium	23400	59	mg/Kg	05/15/13	LK	SW6010
Cadmium	0.76	0.39	mg/Kg	05/15/13	LK	SW6010
Cobalt	5.03	0.39	mg/Kg	05/15/13	LK	SW6010
Chromium	22.2	0.39	mg/Kg	05/15/13	LK	SW6010
Copper	42.4	0.39	mg/kg	05/15/13	LK	SW6010
Iron	16300	59	mg/Kg	05/15/13	LK	SW6010
Mercury	0.11	0.08	mg/Kg	05/15/13	RS	SW-7471
Potassium	1870	5.9	mg/Kg	05/15/13	LK	SW6010
Magnesium	4020	5.9	mg/Kg	05/15/13	LK	SW6010
Manganese	227	3.9	mg/Kg	05/15/13	LK	SW6010
Sodium	137	5.9	mg/Kg	05/15/13	LK	SW6010
Nickel	13.6	0.39	mg/Kg	05/15/13	LK	SW6010
Lead	51.8	0.39	mg/Kg	05/15/13	LK	SW6010
Antimony	< 3.9	3.9	mg/Kg	05/15/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	05/15/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	05/15/13	LK	SW6010
Vanadium	39.5	0.39	mg/Kg	05/15/13	LK	SW6010
Zinc	190	3.9	mg/Kg	05/15/13	LK	SW6010
Percent Solid	89		%	05/15/13	JL	E160.3
Soil Extraction for PCB	Completed			05/14/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed			05/14/13	BB	SW3545
Soil Extraction for SVOA	Completed			05/14/13	JJ/V	SW3545
Mercury Digestion	Completed			05/15/13	X/X	SW7471

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 8-10

Phoenix I.D.: BD78167

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/14/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			05/13/13		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1221	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1232	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1242	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1248	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1254	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1260	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1262	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1268	ND	74	ug/Kg	05/15/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	69		%	05/15/13	AW	30 - 150 %	
% TCMX	67		%	05/15/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	3.6	2.2	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDE	ND	2.2	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDT	3.0	2.2	ug/Kg	05/16/13	MH	SW8081	
a-BHC	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Alachlor	ND	3.6	ug/Kg	05/16/13	MH	SW8081	1
Aldrin	ND	1.1	ug/Kg	05/16/13	MH	SW8081	
b-BHC	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Chlordane	ND	11	ug/Kg	05/16/13	MH	SW8081	
d-BHC	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Dieldrin	ND	1.1	ug/Kg	05/16/13	MH	SW8081	
Endosulfan I	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Endosulfan II	ND	7.1	ug/Kg	05/16/13	MH	SW8081	
Endosulfan sulfate	ND	7.1	ug/Kg	05/16/13	MH	SW8081	
Endrin	ND	7.1	ug/Kg	05/16/13	MH	SW8081	
Endrin aldehyde	ND	7.1	ug/Kg	05/16/13	MH	SW8081	
Endrin ketone	ND	7.1	ug/Kg	05/16/13	MH	SW8081	
g-BHC	ND	1.1	ug/Kg	05/16/13	MH	SW8081	
Heptachlor	ND	2.2	ug/Kg	05/16/13	MH	SW8081	
Heptachlor epoxide	ND	3.6	ug/Kg	05/16/13	MH	SW8081	
Methoxychlor	ND	36	ug/Kg	05/16/13	MH	SW8081	
Toxaphene	ND	36	ug/Kg	05/16/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	74		%	05/16/13	MH	30 - 150 %	
% TCMX	63		%	05/16/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.0	ug/Kg	05/15/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 8-10

Phoenix I.D.: BD78167

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromoethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloroethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloropropane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichloropropane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
2,2-Dichloropropane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
2-Chlorotoluene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
2-Hexanone	ND	33	ug/Kg	05/15/13	R/J	SW8260	
2-Isopropyltoluene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	1
4-Chlorotoluene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	33	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	33	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	4.0	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	40	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	13	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	6.7	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	99		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	96		%	05/15/13	R/J	70 - 130 %	
% Dibromofluoromethane	102		%	05/15/13	R/J	70 - 130 %	
% Toluene-d8	103		%	05/15/13	R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	370	ug/Kg	05/15/13	DD	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4-Dinitrophenol	ND	590	ug/Kg	05/15/13	DD	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Chlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Nitroaniline	ND	590	ug/Kg	05/15/13	DD	SW 8270
2-Nitrophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	370	ug/Kg	05/15/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	260	ug/Kg	05/15/13	DD	SW 8270
3-Nitroaniline	ND	590	ug/Kg	05/15/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/15/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	370	ug/Kg	05/15/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
4-Chloroaniline	ND	260	ug/Kg	05/15/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	05/15/13	DD	SW 8270
4-Nitroaniline	ND	590	ug/Kg	05/15/13	DD	SW 8270

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 8-10

Phoenix I.D.: BD78167

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1100	ug/Kg	05/15/13	DD	SW 8270	
Acenaphthene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Acenaphthylene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Acetophenone	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	05/15/13	DD	SW 8270	
Anthracene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Benz(a)anthracene	510	260	ug/Kg	05/15/13	DD	SW 8270	
Benzidine	ND	450	ug/Kg	05/15/13	DD	SW 8270	
Benzo(a)pyrene	370	260	ug/Kg	05/15/13	DD	SW 8270	
Benzo(b)fluoranthene	480	260	ug/Kg	05/15/13	DD	SW 8270	
Benzo(ghi)perylene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	05/15/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	370	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	05/15/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Carbazole	ND	560	ug/Kg	05/15/13	DD	SW 8270	
Chrysene	500	260	ug/Kg	05/15/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Dibenzofuran	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Diethyl phthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Dimethylphthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Fluoranthene	1200	260	ug/Kg	05/15/13	DD	SW 8270	
Fluorene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachloroethane	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Isophorone	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Naphthalene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Nitrobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	370	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	370	ug/Kg	05/15/13	DD	SW 8270	
Pentachloronitrobenzene	ND	370	ug/Kg	05/15/13	DD	SW 8270	
Pentachlorophenol	ND	370	ug/Kg	05/15/13	DD	SW 8270	
Phenanthrene	1100	260	ug/Kg	05/15/13	DD	SW 8270	
Phenol	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Pyrene	970	260	ug/Kg	05/15/13	DD	SW 8270	
Pyridine	ND	370	ug/Kg	05/15/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	87		%	05/15/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	82		%	05/15/13	DD	30 - 130 %	
% 2-Fluorophenol	88		%	05/15/13	DD	30 - 130 %	
% Nitrobenzene-d5	82		%	05/15/13	DD	30 - 130 %	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB2 8-10

Phoenix I.D.: BD78167

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Phenol-d5	75		%	05/15/13	DD	30 - 130 %
% Terphenyl-d14	84		%	05/15/13	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.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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.

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
May 21, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/13/13	10:00
Location Code:	EBC	Received by:	LB	05/14/13	14:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78164
Phoenix ID: BD78168

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 0-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.40	0.40	mg/Kg	05/15/13	LK	SW6010
Aluminum	9820	60	mg/Kg	05/15/13	LK	SW6010
Arsenic	5.7	0.8	mg/Kg	05/15/13	LK	SW6010
Barium	449	0.40	mg/Kg	05/15/13	LK	SW6010
Beryllium	0.44	0.32	mg/Kg	05/15/13	LK	SW6010
Calcium	16300	60	mg/Kg	05/15/13	LK	SW6010
Cadmium	1.28	0.40	mg/Kg	05/15/13	LK	SW6010
Cobalt	5.64	0.40	mg/Kg	05/15/13	LK	SW6010
Chromium	22.2	0.40	mg/Kg	05/15/13	LK	SW6010
Copper	60.6	0.40	mg/kg	05/15/13	LK	SW6010
Iron	17600	60	mg/Kg	05/15/13	LK	SW6010
Mercury	0.86	0.07	mg/Kg	05/15/13	RS	SW-7471
Potassium	1110	6.0	mg/Kg	05/15/13	LK	SW6010
Magnesium	3190	6.0	mg/Kg	05/15/13	LK	SW6010
Manganese	247	4.0	mg/Kg	05/15/13	LK	SW6010
Sodium	157	6.0	mg/Kg	05/15/13	LK	SW6010
Nickel	16.1	0.40	mg/Kg	05/15/13	LK	SW6010
Lead	583	4.0	mg/Kg	05/15/13	LK	SW6010
Antimony	< 4.0	4.0	mg/Kg	05/15/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	05/15/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	05/15/13	LK	SW6010
Vanadium	27.8	0.40	mg/Kg	05/15/13	LK	SW6010
Zinc	417	4.0	mg/Kg	05/15/13	LK	SW6010
Percent Solid	85		%	05/15/13	JL	E160.3
Soil Extraction for PCB	Completed			05/14/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed			05/14/13	BB	SW3545
Soil Extraction for SVOA	Completed			05/14/13	JJ/V	SW3545
Mercury Digestion	Completed			05/15/13	X/X	SW7471

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 0-2

Phoenix I.D.: BD78168

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/14/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			05/13/13		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1221	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1232	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1242	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1248	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1254	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1260	120	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1262	ND	76	ug/Kg	05/15/13	AW	SW 8082	
PCB-1268	ND	76	ug/Kg	05/15/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	72		%	05/15/13	AW	30 - 150 %	
% TCMX	61		%	05/15/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND*	11	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDE	ND*	11	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDT	ND*	61	ug/Kg	05/16/13	MH	SW8081	
a-BHC	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Alachlor	ND*	18	ug/Kg	05/16/13	MH	SW8081	1
Aldrin	ND*	5.7	ug/Kg	05/16/13	MH	SW8081	
b-BHC	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Chlordane	ND*	130	ug/Kg	05/16/13	MH	SW8081	
d-BHC	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Dieldrin	ND*	5.7	ug/Kg	05/16/13	MH	SW8081	
Endosulfan I	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Endosulfan II	ND*	37	ug/Kg	05/16/13	MH	SW8081	
Endosulfan sulfate	ND*	37	ug/Kg	05/16/13	MH	SW8081	
Endrin	ND*	37	ug/Kg	05/16/13	MH	SW8081	
Endrin aldehyde	ND*	37	ug/Kg	05/16/13	MH	SW8081	
Endrin ketone	ND*	37	ug/Kg	05/16/13	MH	SW8081	
g-BHC	ND*	5.7	ug/Kg	05/16/13	MH	SW8081	
Heptachlor	ND*	11	ug/Kg	05/16/13	MH	SW8081	
Heptachlor epoxide	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Methoxychlor	ND*	180	ug/Kg	05/16/13	MH	SW8081	
Toxaphene	ND*	180	ug/Kg	05/16/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	86		%	05/16/13	MH	30 - 150 %	
% TCMX	83		%	05/16/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.4	ug/Kg	05/15/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 0-2

Phoenix I.D.: BD78168

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromoethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloroethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloropropane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichloropropane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
2,2-Dichloropropane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
2-Chlorotoluene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
2-Hexanone	ND	29	ug/Kg	05/15/13	R/J	SW8260	
2-Isopropyltoluene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	1
4-Chlorotoluene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	29	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	29	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	3.4	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	34	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	11	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	11	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	96		%	05/15/13	R/J	70 - 130 %	
% Dibromofluoromethane	109		%	05/15/13	R/J	70 - 130 %	
% Toluene-d8	102		%	05/15/13	R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	05/16/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	05/16/13	DD	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	05/16/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	390	ug/Kg	05/16/13	DD	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	05/16/13	DD	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	05/16/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	05/16/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	05/16/13	DD	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	05/16/13	DD	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	05/16/13	DD	SW 8270
2,4-Dinitrophenol	ND	620	ug/Kg	05/16/13	DD	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	05/16/13	DD	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	05/16/13	DD	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	05/16/13	DD	SW 8270
2-Chlorophenol	ND	270	ug/Kg	05/16/13	DD	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	05/16/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	05/16/13	DD	SW 8270
2-Nitroaniline	ND	620	ug/Kg	05/16/13	DD	SW 8270
2-Nitrophenol	ND	270	ug/Kg	05/16/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	390	ug/Kg	05/16/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	270	ug/Kg	05/16/13	DD	SW 8270
3-Nitroaniline	ND	620	ug/Kg	05/16/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/16/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	390	ug/Kg	05/16/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	05/16/13	DD	SW 8270
4-Chloroaniline	ND	270	ug/Kg	05/16/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	05/16/13	DD	SW 8270
4-Nitroaniline	ND	620	ug/Kg	05/16/13	DD	SW 8270

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 0-2

Phoenix I.D.: BD78168

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1100	ug/Kg	05/16/13	DD	SW 8270	
Acenaphthene	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Acenaphthylene	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Acetophenone	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	05/16/13	DD	SW 8270	
Anthracene	490	270	ug/Kg	05/16/13	DD	SW 8270	
Benz(a)anthracene	2300	270	ug/Kg	05/16/13	DD	SW 8270	
Benzidine	ND	470	ug/Kg	05/16/13	DD	SW 8270	
Benzo(a)pyrene	2100	270	ug/Kg	05/16/13	DD	SW 8270	
Benzo(b)fluoranthene	3100	270	ug/Kg	05/16/13	DD	SW 8270	
Benzo(ghi)perylene	650	270	ug/Kg	05/16/13	DD	SW 8270	
Benzo(k)fluoranthene	1100	270	ug/Kg	05/16/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	05/16/13	DD	SW 8270	LO
Benzyl butyl phthalate	500	270	ug/Kg	05/16/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	390	ug/Kg	05/16/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	05/16/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	360	270	ug/Kg	05/16/13	DD	SW 8270	
Carbazole	ND	580	ug/Kg	05/16/13	DD	SW 8270	
Chrysene	2400	270	ug/Kg	05/16/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Dibenzofuran	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Fluoranthene	3900	270	ug/Kg	05/16/13	DD	SW 8270	
Fluorene	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Hexachloroethane	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	630	270	ug/Kg	05/16/13	DD	SW 8270	
Isophorone	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Naphthalene	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Nitrobenzene	ND	270	ug/Kg	05/16/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	390	ug/Kg	05/16/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	05/16/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	390	ug/Kg	05/16/13	DD	SW 8270	
Pentachloronitrobenzene	ND	390	ug/Kg	05/16/13	DD	SW 8270	
Pentachlorophenol	ND	390	ug/Kg	05/16/13	DD	SW 8270	
Phenanthrene	2300	270	ug/Kg	05/16/13	DD	SW 8270	
Phenol	ND	270	ug/Kg	05/16/13	DD	SW 8270	
Pyrene	3600	270	ug/Kg	05/16/13	DD	SW 8270	
Pyridine	ND	390	ug/Kg	05/16/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	105		%	05/16/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	83		%	05/16/13	DD	30 - 130 %	
% 2-Fluorophenol	83		%	05/16/13	DD	30 - 130 %	
% Nitrobenzene-d5	78		%	05/16/13	DD	30 - 130 %	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 0-2

Phoenix I.D.: BD78168

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Phenol-d5	76		%	05/16/13	DD	30 - 130 %
% Terphenyl-d14	78		%	05/16/13	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.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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.

* For Pesticides, due to matrix interference caused by the presence of PCB's in the samples an elevated MDL 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
May 21, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/13/13	10:30
Location Code:	EBC	Received by:	LB	05/14/13	14:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78164
Phoenix ID: BD78169

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 8-10

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.37	0.37	mg/Kg	05/15/13	LK	SW6010
Aluminum	10500	56	mg/Kg	05/15/13	LK	SW6010
Arsenic	2.4	0.7	mg/Kg	05/15/13	LK	SW6010
Barium	36.6	0.37	mg/Kg	05/15/13	LK	SW6010
Beryllium	0.38	0.30	mg/Kg	05/15/13	LK	SW6010
Calcium	899	5.6	mg/Kg	05/15/13	LK	SW6010
Cadmium	< 0.37	0.37	mg/Kg	05/15/13	LK	SW6010
Cobalt	4.67	0.37	mg/Kg	05/15/13	LK	SW6010
Chromium	15.1	0.37	mg/Kg	05/15/13	LK	SW6010
Copper	13.2	0.37	mg/kg	05/15/13	LK	SW6010
Iron	12700	56	mg/Kg	05/15/13	LK	SW6010
Mercury	< 0.07	0.07	mg/Kg	05/15/13	RS	SW-7471
Potassium	874	5.6	mg/Kg	05/15/13	LK	SW6010
Magnesium	2080	5.6	mg/Kg	05/15/13	LK	SW6010
Manganese	244	3.7	mg/Kg	05/15/13	LK	SW6010
Sodium	55.6	5.6	mg/Kg	05/15/13	LK	SW6010
Nickel	10.8	0.37	mg/Kg	05/15/13	LK	SW6010
Lead	5.60	0.37	mg/Kg	05/15/13	LK	SW6010
Antimony	< 3.7	3.7	mg/Kg	05/15/13	LK	SW6010
Selenium	< 1.5	1.5	mg/Kg	05/15/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	05/15/13	LK	SW6010
Vanadium	26.1	0.37	mg/Kg	05/15/13	LK	SW6010
Zinc	27.8	0.37	mg/Kg	05/15/13	LK	SW6010
Percent Solid	86		%	05/15/13	JL	E160.3
Soil Extraction for PCB	Completed			05/14/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed			05/14/13	BB	SW3545
Soil Extraction for SVOA	Completed			05/14/13	BJ/V	SW3545
Mercury Digestion	Completed			05/15/13	X/X	SW7471

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 8-10

Phoenix I.D.: BD78169

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/14/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			05/13/13		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	77	ug/Kg	05/15/13	AW	SW 8082	
PCB-1221	ND	77	ug/Kg	05/15/13	AW	SW 8082	
PCB-1232	ND	77	ug/Kg	05/15/13	AW	SW 8082	
PCB-1242	ND	77	ug/Kg	05/15/13	AW	SW 8082	
PCB-1248	ND	77	ug/Kg	05/15/13	AW	SW 8082	
PCB-1254	ND	77	ug/Kg	05/15/13	AW	SW 8082	
PCB-1260	ND	77	ug/Kg	05/15/13	AW	SW 8082	
PCB-1262	ND	77	ug/Kg	05/15/13	AW	SW 8082	
PCB-1268	ND	77	ug/Kg	05/15/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	65		%	05/15/13	AW	30 - 150 %	
% TCMX	66		%	05/15/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	2.3	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDE	ND	2.3	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDT	ND	2.3	ug/Kg	05/16/13	MH	SW8081	
a-BHC	ND	3.7	ug/Kg	05/16/13	MH	SW8081	
Alachlor	ND	3.7	ug/Kg	05/16/13	MH	SW8081	1
Aldrin	ND	1.2	ug/Kg	05/16/13	MH	SW8081	
b-BHC	ND	3.7	ug/Kg	05/16/13	MH	SW8081	
Chlordane	ND	12	ug/Kg	05/16/13	MH	SW8081	
d-BHC	ND	3.7	ug/Kg	05/16/13	MH	SW8081	
Dieldrin	ND	1.2	ug/Kg	05/16/13	MH	SW8081	
Endosulfan I	ND	3.7	ug/Kg	05/16/13	MH	SW8081	
Endosulfan II	ND	7.4	ug/Kg	05/16/13	MH	SW8081	
Endosulfan sulfate	ND	7.4	ug/Kg	05/16/13	MH	SW8081	
Endrin	ND	7.4	ug/Kg	05/16/13	MH	SW8081	
Endrin aldehyde	ND	7.4	ug/Kg	05/16/13	MH	SW8081	
Endrin ketone	ND	7.4	ug/Kg	05/16/13	MH	SW8081	
g-BHC	ND	1.2	ug/Kg	05/16/13	MH	SW8081	
Heptachlor	ND	2.3	ug/Kg	05/16/13	MH	SW8081	
Heptachlor epoxide	ND	3.7	ug/Kg	05/16/13	MH	SW8081	
Methoxychlor	ND	37	ug/Kg	05/16/13	MH	SW8081	
Toxaphene	ND	37	ug/Kg	05/16/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	72		%	05/16/13	MH	30 - 150 %	
% TCMX	62		%	05/16/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.8	ug/Kg	05/15/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 8-10

Phoenix I.D.: BD78169

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromoethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloroethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloropropane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichloropropane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
2,2-Dichloropropane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
2-Chlorotoluene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
2-Hexanone	ND	32	ug/Kg	05/15/13	R/J	SW8260	
2-Isopropyltoluene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	1
4-Chlorotoluene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	32	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	32	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	3.8	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	38	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	13	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	6.3	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	96		%	05/15/13	R/J	70 - 130 %	
% Dibromofluoromethane	101		%	05/15/13	R/J	70 - 130 %	
% Toluene-d8	102		%	05/15/13	R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	270	ug/Kg	05/15/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	270	ug/Kg	05/15/13	DD	SW 8270
1,2-Dichlorobenzene	ND	270	ug/Kg	05/15/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	380	ug/Kg	05/15/13	DD	SW 8270
1,3-Dichlorobenzene	ND	270	ug/Kg	05/15/13	DD	SW 8270
1,4-Dichlorobenzene	ND	270	ug/Kg	05/15/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	270	ug/Kg	05/15/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	270	ug/Kg	05/15/13	DD	SW 8270
2,4-Dichlorophenol	ND	270	ug/Kg	05/15/13	DD	SW 8270
2,4-Dimethylphenol	ND	270	ug/Kg	05/15/13	DD	SW 8270
2,4-Dinitrophenol	ND	610	ug/Kg	05/15/13	DD	SW 8270
2,4-Dinitrotoluene	ND	270	ug/Kg	05/15/13	DD	SW 8270
2,6-Dinitrotoluene	ND	270	ug/Kg	05/15/13	DD	SW 8270
2-Chloronaphthalene	ND	270	ug/Kg	05/15/13	DD	SW 8270
2-Chlorophenol	ND	270	ug/Kg	05/15/13	DD	SW 8270
2-Methylnaphthalene	ND	270	ug/Kg	05/15/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	270	ug/Kg	05/15/13	DD	SW 8270
2-Nitroaniline	ND	610	ug/Kg	05/15/13	DD	SW 8270
2-Nitrophenol	ND	270	ug/Kg	05/15/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	05/15/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	270	ug/Kg	05/15/13	DD	SW 8270
3-Nitroaniline	ND	610	ug/Kg	05/15/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/15/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	380	ug/Kg	05/15/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	270	ug/Kg	05/15/13	DD	SW 8270
4-Chloroaniline	ND	270	ug/Kg	05/15/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	270	ug/Kg	05/15/13	DD	SW 8270
4-Nitroaniline	ND	610	ug/Kg	05/15/13	DD	SW 8270

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 8-10

Phoenix I.D.: BD78169

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1100	ug/Kg	05/15/13	DD	SW 8270	
Acenaphthene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Acenaphthylene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Acetophenone	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	05/15/13	DD	SW 8270	
Anthracene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Benz(a)anthracene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Benzidine	ND	460	ug/Kg	05/15/13	DD	SW 8270	
Benzo(a)pyrene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Benzo(b)fluoranthene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Benzo(ghi)perylene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Benzo(k)fluoranthene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	05/15/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	380	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	270	ug/Kg	05/15/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Carbazole	ND	580	ug/Kg	05/15/13	DD	SW 8270	
Chrysene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Dibenzofuran	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Diethyl phthalate	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Dimethylphthalate	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Di-n-butylphthalate	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Di-n-octylphthalate	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Fluoranthene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Fluorene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorobenzene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorobutadiene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Hexachloroethane	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Isophorone	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Naphthalene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Nitrobenzene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	380	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	270	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	380	ug/Kg	05/15/13	DD	SW 8270	
Pentachloronitrobenzene	ND	380	ug/Kg	05/15/13	DD	SW 8270	
Pentachlorophenol	ND	380	ug/Kg	05/15/13	DD	SW 8270	
Phenanthrene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Phenol	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Pyrene	ND	270	ug/Kg	05/15/13	DD	SW 8270	
Pyridine	ND	380	ug/Kg	05/15/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	96		%	05/15/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	82		%	05/15/13	DD	30 - 130 %	
% 2-Fluorophenol	92		%	05/15/13	DD	30 - 130 %	
% Nitrobenzene-d5	85		%	05/15/13	DD	30 - 130 %	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: SB3 8-10

Phoenix I.D.: BD78169

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Phenol-d5	79		%	05/15/13	DD	30 - 130 %
% Terphenyl-d14	95		%	05/15/13	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.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) 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.

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
May 21, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/13/13	0:00
Location Code:	EBC	Received by:	LB	05/14/13	14:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78164
Phoenix ID: BD78170

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: DUPLICATE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.39	0.39	mg/Kg	05/15/13	LK	SW6010
Aluminum	6580	58	mg/Kg	05/15/13	LK	SW6010
Arsenic	4.3	0.8	mg/Kg	05/15/13	LK	SW6010
Barium	278	0.39	mg/Kg	05/15/13	LK	SW6010
Beryllium	0.32	0.31	mg/Kg	05/15/13	LK	SW6010
Calcium	18300	58	mg/Kg	05/15/13	LK	SW6010
Cadmium	0.83	0.39	mg/Kg	05/15/13	LK	SW6010
Cobalt	5.00	0.39	mg/Kg	05/15/13	LK	SW6010
Chromium	17.6	0.39	mg/Kg	05/15/13	LK	SW6010
Copper	53.8	0.39	mg/kg	05/15/13	LK	SW6010
Iron	13000	58	mg/Kg	05/15/13	LK	SW6010
Mercury	1.27	0.07	mg/Kg	05/15/13	RS	SW-7471
Potassium	904	5.8	mg/Kg	05/15/13	LK	SW6010
Magnesium	2760	5.8	mg/Kg	05/15/13	LK	SW6010
Manganese	218	3.9	mg/Kg	05/15/13	LK	SW6010
Sodium	240	5.8	mg/Kg	05/15/13	LK	SW6010
Nickel	15.4	0.39	mg/Kg	05/15/13	LK	SW6010
Lead	330	3.9	mg/Kg	05/15/13	LK	SW6010
Antimony	< 3.9	3.9	mg/Kg	05/15/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	05/15/13	LK	SW6010
Thallium	< 0.6	0.6	mg/Kg	05/15/13	LK	SW6010
Vanadium	22.0	0.39	mg/Kg	05/15/13	LK	SW6010
Zinc	253	3.9	mg/Kg	05/15/13	LK	SW6010
Percent Solid	87		%	05/15/13	JL	E160.3
Soil Extraction for PCB	Completed			05/14/13	BB/V	SW3545
Soil Extraction for Pesticide	Completed			05/14/13	BB	SW3545
Soil Extraction for SVOA	Completed			05/14/13	BJ/V	SW3545
Mercury Digestion	Completed			05/15/13	X/X	SW7471

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD78170

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/14/13	Z/AG	SW846 - 3050	
Field Extraction	Completed			05/13/13		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1221	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1232	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1242	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1248	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1254	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1260	84	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1262	ND	74	ug/Kg	05/15/13	AW	SW 8082	
PCB-1268	ND	74	ug/Kg	05/15/13	AW	SW 8082	
QA/QC Surrogates							
% DCBP	90		%	05/15/13	AW	30 - 150 %	
% TCMX	65		%	05/15/13	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND*	11	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDE	ND*	26	ug/Kg	05/16/13	MH	SW8081	
4,4' -DDT	ND*	48	ug/Kg	05/16/13	MH	SW8081	
a-BHC	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Alachlor	ND*	18	ug/Kg	05/16/13	MH	SW8081	1
Aldrin	ND*	5.6	ug/Kg	05/16/13	MH	SW8081	
b-BHC	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Chlordane	ND*	240	ug/Kg	05/16/13	MH	SW8081	
d-BHC	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Dieldrin	ND*	5.6	ug/Kg	05/16/13	MH	SW8081	
Endosulfan I	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Endosulfan II	ND*	36	ug/Kg	05/16/13	MH	SW8081	
Endosulfan sulfate	ND*	36	ug/Kg	05/16/13	MH	SW8081	
Endrin	ND*	36	ug/Kg	05/16/13	MH	SW8081	
Endrin aldehyde	ND*	36	ug/Kg	05/16/13	MH	SW8081	
Endrin ketone	ND*	36	ug/Kg	05/16/13	MH	SW8081	
g-BHC	ND*	5.6	ug/Kg	05/16/13	MH	SW8081	
Heptachlor	ND*	11	ug/Kg	05/16/13	MH	SW8081	
Heptachlor epoxide	ND*	18	ug/Kg	05/16/13	MH	SW8081	
Methoxychlor	ND*	180	ug/Kg	05/16/13	MH	SW8081	
Toxaphene	ND*	180	ug/Kg	05/16/13	MH	SW8081	
QA/QC Surrogates							
% DCBP	97		%	05/16/13	MH	30 - 150 %	
% TCMX	90		%	05/16/13	MH	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,1,1-Trichloroethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
1,1,2-Trichloroethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,1-Dichloroethene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD78170

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichlorobenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,2,3-Trichloropropane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trichlorobenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,2,4-Trimethylbenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromo-3-chloropropane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dibromoethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichlorobenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloroethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,2-Dichloropropane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,3,5-Trimethylbenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichlorobenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,3-Dichloropropane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
1,4-Dichlorobenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
2,2-Dichloropropane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
2-Chlorotoluene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
2-Hexanone	ND	47	ug/Kg	05/15/13	R/J	SW8260	
2-Isopropyltoluene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	1
4-Chlorotoluene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
4-Methyl-2-pentanone	ND	47	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	47	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	5.7	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	57	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	19	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
p-Isopropyltoluene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	19	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	19	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	9.4	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	101		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	98		%	05/15/13	R/J	70 - 130 %	
% Dibromofluoromethane	108		%	05/15/13	R/J	70 - 130 %	
% Toluene-d8	103		%	05/15/13	R/J	70 - 130 %	

Semivolatiles

1,2,4,5-Tetrachlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,2,4-Trichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,2-Dichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,2-Diphenylhydrazine	ND	380	ug/Kg	05/15/13	DD	SW 8270
1,3-Dichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
1,4-Dichlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4,5-Trichlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4,6-Trichlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4-Dichlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4-Dimethylphenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,4-Dinitrophenol	ND	600	ug/Kg	05/15/13	DD	SW 8270
2,4-Dinitrotoluene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2,6-Dinitrotoluene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Chloronaphthalene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Chlorophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Methylnaphthalene	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Methylphenol (o-cresol)	ND	260	ug/Kg	05/15/13	DD	SW 8270
2-Nitroaniline	ND	600	ug/Kg	05/15/13	DD	SW 8270
2-Nitrophenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
3&4-Methylphenol (m&p-cresol)	ND	380	ug/Kg	05/15/13	DD	SW 8270
3,3'-Dichlorobenzidine	ND	260	ug/Kg	05/15/13	DD	SW 8270
3-Nitroaniline	ND	600	ug/Kg	05/15/13	DD	SW 8270
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/15/13	DD	SW 8270
4-Bromophenyl phenyl ether	ND	380	ug/Kg	05/15/13	DD	SW 8270
4-Chloro-3-methylphenol	ND	260	ug/Kg	05/15/13	DD	SW 8270
4-Chloroaniline	ND	260	ug/Kg	05/15/13	DD	SW 8270
4-Chlorophenyl phenyl ether	ND	260	ug/Kg	05/15/13	DD	SW 8270
4-Nitroaniline	ND	600	ug/Kg	05/15/13	DD	SW 8270

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD78170

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitrophenol	ND	1100	ug/Kg	05/15/13	DD	SW 8270	
Acenaphthene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Acenaphthylene	300	260	ug/Kg	05/15/13	DD	SW 8270	
Acetophenone	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Aniline	ND	1100	ug/Kg	05/15/13	DD	SW 8270	
Anthracene	600	260	ug/Kg	05/15/13	DD	SW 8270	
Benz(a)anthracene	2200	260	ug/Kg	05/15/13	DD	SW 8270	
Benzidine	ND	450	ug/Kg	05/15/13	DD	SW 8270	
Benzo(a)pyrene	2000	260	ug/Kg	05/15/13	DD	SW 8270	
Benzo(b)fluoranthene	2700	260	ug/Kg	05/15/13	DD	SW 8270	
Benzo(ghi)perylene	760	260	ug/Kg	05/15/13	DD	SW 8270	
Benzo(k)fluoranthene	1100	260	ug/Kg	05/15/13	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	05/15/13	DD	SW 8270	LO
Benzyl butyl phthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	380	ug/Kg	05/15/13	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	260	ug/Kg	05/15/13	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Carbazole	ND	570	ug/Kg	05/15/13	DD	SW 8270	
Chrysene	2100	260	ug/Kg	05/15/13	DD	SW 8270	
Dibenz(a,h)anthracene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Dibenzofuran	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Diethyl phthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Dimethylphthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Di-n-butylphthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Di-n-octylphthalate	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Fluoranthene	4000	260	ug/Kg	05/15/13	DD	SW 8270	
Fluorene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorobutadiene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachlorocyclopentadiene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Hexachloroethane	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	700	260	ug/Kg	05/15/13	DD	SW 8270	
Isophorone	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Naphthalene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Nitrobenzene	ND	260	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodimethylamine	ND	380	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	260	ug/Kg	05/15/13	DD	SW 8270	
N-Nitrosodiphenylamine	ND	380	ug/Kg	05/15/13	DD	SW 8270	
Pentachloronitrobenzene	ND	380	ug/Kg	05/15/13	DD	SW 8270	
Pentachlorophenol	ND	380	ug/Kg	05/15/13	DD	SW 8270	
Phenanthrene	2500	260	ug/Kg	05/15/13	DD	SW 8270	
Phenol	ND	260	ug/Kg	05/15/13	DD	SW 8270	
Pyrene	3700	260	ug/Kg	05/15/13	DD	SW 8270	
Pyridine	ND	380	ug/Kg	05/15/13	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	89		%	05/15/13	DD	30 - 130 %	
% 2-Fluorobiphenyl	95		%	05/15/13	DD	30 - 130 %	
% 2-Fluorophenol	101		%	05/15/13	DD	30 - 130 %	
% Nitrobenzene-d5	89		%	05/15/13	DD	30 - 130 %	

Project ID: 82 THROOP AVE., BROOKLYN
Client ID: DUPLICATE

Phoenix I.D.: BD78170

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Phenol-d5	87		%	05/15/13	DD	30 - 130 %
% Terphenyl-d14	96		%	05/15/13	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.
1O = This parameter is not certified by NY NELAC for this matrix.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

DUPLICATE INCLUDED

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.

* For Pesticides, due to matrix interference caused by the presence of PCB's in the samples an elevated MDL 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
May 21, 2013
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/13/13	0:00
Location Code:	EBC	Received by:	SW	05/14/13	14:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78164
Phoenix ID: BD78200

Project ID: 82 THROOP AVE BROOKLYN NY
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/13/13		E160.3
Field Extraction	Completed			05/13/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,1,1-Trichloroethane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,1,2-Trichloroethane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethene	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloropropene	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichloropropane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromoethane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichlorobenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloroethane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloropropane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichlorobenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichloropropane	ND	250	ug/Kg	05/15/13	R/J	SW8260
1,4-Dichlorobenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260
2,2-Dichloropropane	ND	250	ug/Kg	05/15/13	R/J	SW8260
2-Chlorotoluene	ND	250	ug/Kg	05/15/13	R/J	SW8260
2-Hexanone	ND	1300	ug/Kg	05/15/13	R/J	SW8260
2-Isopropyltoluene	ND	250	ug/Kg	05/15/13	R/J	SW8260 1
4-Chlorotoluene	ND	250	ug/Kg	05/15/13	R/J	SW8260

Project ID: 82 THROOP AVE BROOKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BD78200

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	1300	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	5000	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	500	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	250	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	3000	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	500	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
p-Isopropyltoluene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	500	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	250	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	500	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	250	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	250	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	94		%	05/15/13	R/J	70 - 130 %	
% Dibromofluoromethane	102		%	05/15/13	R/J	70 - 130 %	

Project ID: 82 THROOP AVE BROOKLYN NY

Client ID: TRIP BLANK

Phoenix I.D.: BD78200

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	101		%	05/15/13	R/J	70 - 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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

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

May 21, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		05/13/13	0:00
Location Code:	EBC	Received by:	SW	05/14/13	14:38
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD78164
Phoenix ID: BD78201

Project ID: 82 THROOP AVE BROOKLYN NY
Client ID: TRIP BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	100	1	%	05/13/13		E160.3
Field Extraction	Completed			05/13/13		SW5035
Volatiles						
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,1,2,2-Tetrachloroethane	ND	3.0	ug/Kg	05/15/13	R/J	SW8260
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloroethene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,1-Dichloropropene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,2,3-Trichloropropane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromo-3-chloropropane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dibromoethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloroethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,2-Dichloropropane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,3-Dichloropropane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
2,2-Dichloropropane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
2-Chlorotoluene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260
2-Hexanone	ND	25	ug/Kg	05/15/13	R/J	SW8260
2-Isopropyltoluene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260 1
4-Chlorotoluene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260

Project ID: 82 THROOP AVE BROOKLYN NY
Client ID: TRIP BLANK

Phoenix I.D.: BD78201

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Methyl-2-pentanone	ND	25	ug/Kg	05/15/13	R/J	SW8260	
Acetone	ND	50	ug/Kg	05/15/13	R/J	SW8260	
Acrylonitrile	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Benzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Bromobenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Bromochloromethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Bromodichloromethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Bromoform	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Bromomethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Carbon Disulfide	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Carbon tetrachloride	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Chlorobenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Chloroethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Chloroform	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Chloromethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	1
Dibromochloromethane	ND	3.0	ug/Kg	05/15/13	R/J	SW8260	
Dibromomethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Dichlorodifluoromethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Ethylbenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Hexachlorobutadiene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Isopropylbenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
m&p-Xylene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Methyl Ethyl Ketone	ND	30	ug/Kg	05/15/13	R/J	SW8260	
Methyl t-butyl ether (MTBE)	ND	10	ug/Kg	05/15/13	R/J	SW8260	
Methylene chloride	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Naphthalene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
n-Butylbenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
n-Propylbenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
o-Xylene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
p-Isopropyltoluene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
sec-Butylbenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Styrene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
tert-Butylbenzene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Tetrachloroethene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Tetrahydrofuran (THF)	ND	10	ug/Kg	05/15/13	R/J	SW8260	1
Toluene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Total Xylenes	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
trans-1,4-dichloro-2-butene	ND	10	ug/Kg	05/15/13	R/J	SW8260	
Trichloroethene	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
Vinyl chloride	ND	5.0	ug/Kg	05/15/13	R/J	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/15/13	R/J	70 - 130 %	
% Bromofluorobenzene	95		%	05/15/13	R/J	70 - 130 %	
% Dibromofluoromethane	109		%	05/15/13	R/J	70 - 130 %	

Project ID: 82 THROOP AVE BROOKLYN NY

Client ID: TRIP BLANK

Phoenix I.D.: BD78201

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	101		%	05/15/13	R/J	70 - 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.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

TRIP BLANK INCLUDED. %SOLIDS ASSUMED 100%

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

May 21, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 21, 2013

QA/QC Data

SDG I.D.: GBD78164

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 230447, QC Sample No: BD71513 (BD78164, BD78165, BD78166, BD78167, BD78168, BD78169, BD78170)													
ICP Metals - Soil													
Aluminum	BRL	3420	4780	33.2	97.8	102	4.2	NC	NC	NC	75 - 125	30	r
Antimony	BRL	<3.4	<3.3	NC	103	110	6.6	94.9	95.7	0.8	75 - 125	30	
Arsenic	BRL	1.4	2.10	NC	100	105	4.9	92.5	93.4	1.0	75 - 125	30	
Barium	BRL	4.89	7.94	47.5	105	112	6.5	107	106	0.9	75 - 125	30	r
Beryllium	BRL	<0.27	<0.26	NC	105	110	4.7	103	104	1.0	75 - 125	30	
Cadmium	BRL	<0.34	<0.33	NC	108	112	3.6	100	101	1.0	75 - 125	30	
Calcium	BRL	605	1140	61.3	102	106	3.8	>130	>130	NC	75 - 125	30	m,r
Chromium	BRL	8.67	12.7	37.7	109	116	6.2	105	106	0.9	75 - 125	30	r
Cobalt	BRL	0.58	2.30	NC	108	114	5.4	103	104	1.0	75 - 125	30	
Copper	BRL	7.79	8.51	8.80	115	120	4.3	115	114	0.9	75 - 125	30	
Iron	BRL	7410	10500	34.5	103	113	9.3	NC	NC	NC	75 - 125	30	r
Lead	BRL	3.57	4.47	22.4	103	106	2.9	101	102	1.0	75 - 125	30	
Magnesium	BRL	419	1480	112	104	108	3.8	>130	>130	NC	75 - 125	30	m,r
Manganese	BRL	19.9	146	152	107	111	3.7	120	118	1.7	75 - 125	30	r
Nickel	BRL	1.58	5.27	NC	110	115	4.4	103	103	0.0	75 - 125	30	
Potassium	BRL	208	644	102	94.5	94.6	0.1	122	>130	NC	75 - 125	30	m,r
Selenium	BRL	<1.3	<1.3	NC	90.3	94.1	4.1	84.6	85.3	0.8	75 - 125	30	
Silver	BRL	<0.34	<0.33	NC	105	107	1.9	104	104	0.0	75 - 125	30	
Sodium	BRL	82.7	156	61.4	116	119	2.6	>130	>130	NC	75 - 125	30	m,r
Thallium	BRL	<3.0	<2.9	NC	103	107	3.8	101	101	0.0	75 - 125	30	
Vanadium	BRL	10.5	14.6	32.7	109	115	5.4	107	110	2.8	75 - 125	30	r
Zinc	BRL	4.61	11.0	81.9	103	109	5.7	101	102	1.0	75 - 125	30	r
QA/QC Batch 230493, QC Sample No: BD78621 (BD78164, BD78165, BD78166, BD78167, BD78168, BD78169, BD78170)													
Mercury - Soil	BRL	<0.09	<0.07	NC	110	99.4	10.1	115	107	7.2	70 - 130	30	

Comment:

Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.

m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

PHOENIX

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QA/QC Report

May 21, 2013

QA/QC Data

SDG I.D.: GBD78164

QA/QC Batch 230700, QC Sample No: BD69496 (BD78166, BD78167, BD78168, BD78169, BD78170, BD78200 (50X) , BD78201)

Volatiles - Soil

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,1,1,2-Tetrachloroethane	ND	99	94	5.2				70 - 130	30
1,1,1-Trichloroethane	ND	97	95	2.1				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	101	95	6.1				70 - 130	30
1,1,2-Trichloroethane	ND	107	101	5.8				70 - 130	30
1,1-Dichloroethane	ND	101	98	3.0				70 - 130	30
1,1-Dichloroethene	ND	109	104	4.7				70 - 130	30
1,1-Dichloropropene	ND	107	101	5.8				70 - 130	30
1,2,3-Trichlorobenzene	ND	96	93	3.2				70 - 130	30
1,2,3-Trichloropropane	ND	98	89	9.6				70 - 130	30
1,2,4-Trichlorobenzene	ND	101	98	3.0				70 - 130	30
1,2,4-Trimethylbenzene	ND	108	102	5.7				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	100	90	10.5				70 - 130	30
1,2-Dibromoethane	ND	103	100	3.0				70 - 130	30
1,2-Dichlorobenzene	ND	101	95	6.1				70 - 130	30
1,2-Dichloroethane	ND	92	85	7.9				70 - 130	30
1,2-Dichloropropane	ND	104	99	4.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	105	100	4.9				70 - 130	30
1,3-Dichlorobenzene	ND	105	100	4.9				70 - 130	30
1,3-Dichloropropane	ND	98	92	6.3				70 - 130	30
1,4-Dichlorobenzene	ND	104	99	4.9				70 - 130	30
2,2-Dichloropropane	ND	98	118	18.5				70 - 130	30
2-Chlorotoluene	ND	106	100	5.8				70 - 130	30
2-Hexanone	ND	87	78	10.9				70 - 130	30
2-Isopropyltoluene	ND	103	98	5.0				70 - 130	30
4-Chlorotoluene	ND	104	98	5.9				70 - 130	30
4-Methyl-2-pentanone	ND	106	95	10.9				70 - 130	30
Acetone	ND	102	81	23.0				70 - 130	30
Acrylonitrile	ND	104	92	12.2				70 - 130	30
Benzene	ND	106	100	5.8				70 - 130	30
Bromobenzene	ND	103	96	7.0				70 - 130	30
Bromochloromethane	ND	108	105	2.8				70 - 130	30
Bromodichloromethane	ND	98	93	5.2				70 - 130	30
Bromoform	ND	105	97	7.9				70 - 130	30
Bromomethane	ND	96	111	14.5				70 - 130	30
Carbon Disulfide	ND	107	103	3.8				70 - 130	30
Carbon tetrachloride	ND	94	95	1.1				70 - 130	30
Chlorobenzene	ND	103	97	6.0				70 - 130	30
Chloroethane	ND	97	96	1.0				70 - 130	30
Chloroform	ND	102	96	6.1				70 - 130	30
Chloromethane	ND	96	99	3.1				70 - 130	30
cis-1,2-Dichloroethene	ND	113	135	17.7				70 - 130	30

QA/QC Data

SDG I.D.: GBD78164

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
cis-1,3-Dichloropropene	ND	106	103	2.9				70 - 130	30	
Dibromochloromethane	ND	98	94	4.2				70 - 130	30	
Dibromomethane	ND	102	95	7.1				70 - 130	30	
Dichlorodifluoromethane	ND	107	99	7.8				70 - 130	30	
Ethylbenzene	ND	103	98	5.0				70 - 130	30	
Hexachlorobutadiene	ND	94	91	3.2				70 - 130	30	
Isopropylbenzene	ND	110	104	5.6				70 - 130	30	
m&p-Xylene	ND	107	101	5.8				70 - 130	30	
Methyl ethyl ketone	ND	82	73	11.6				70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	102	100	2.0				70 - 130	30	
Methylene chloride	ND	99	94	5.2				70 - 130	30	
Naphthalene	ND	100	93	7.3				70 - 130	30	
n-Butylbenzene	ND	105	101	3.9				70 - 130	30	
n-Propylbenzene	ND	110	105	4.7				70 - 130	30	
o-Xylene	ND	116	106	9.0				70 - 130	30	
p-Isopropyltoluene	ND	109	104	4.7				70 - 130	30	
sec-Butylbenzene	ND	103	98	5.0				70 - 130	30	
Styrene	ND	111	103	7.5				70 - 130	30	
tert-Butylbenzene	ND	104	99	4.9				70 - 130	30	
Tetrachloroethene	ND	106	100	5.8				70 - 130	30	
Tetrahydrofuran (THF)	ND	105	93	12.1				70 - 130	30	
Toluene	ND	107	102	4.8				70 - 130	30	
trans-1,2-Dichloroethene	ND	109	106	2.8				70 - 130	30	
trans-1,3-Dichloropropene	ND	100	101	1.0				70 - 130	30	
trans-1,4-dichloro-2-butene	ND	106	104	1.9				70 - 130	30	
Trichloroethene	ND	110	103	6.6				70 - 130	30	
Trichlorofluoromethane	ND	95	92	3.2				70 - 130	30	
Trichlorotrifluoroethane	ND	106	101	4.8				70 - 130	30	
Vinyl chloride	ND	104	101	2.9				70 - 130	30	
% 1,2-dichlorobenzene-d4	101	99	99	0.0				70 - 130	30	
% Bromofluorobenzene	96	99	98	1.0				70 - 130	30	
% Dibromofluoromethane	108	97	104	7.0				70 - 130	30	
% Toluene-d8	102	101	101	0.0				70 - 130	30	

Comment:

The MS/MSD are not reported for this batch.

Additional 8260 criteria: 10% of compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 230792, QC Sample No: BD70277 (BD78165 (42X))

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	105	103	1.9	95	127	28.8	70 - 130	30	
1,1,1-Trichloroethane	ND	87	85	2.3	85	109	24.7	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	94	91	3.2	121	>150	NC	70 - 130	30	m
1,1,2-Trichloroethane	ND	93	96	3.2	83	96	14.5	70 - 130	30	
1,1-Dichloroethane	ND	88	87	1.1	87	110	23.4	70 - 130	30	
1,1-Dichloroethene	ND	84	80	4.9	75	98	26.6	70 - 130	30	
1,1-Dichloropropene	ND	96	94	2.1	84	110	26.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	110	118	7.0	<40	41	NC	70 - 130	30	m
1,2,3-Trichloropropane	ND	95	90	5.4	124	>150	NC	70 - 130	30	m
1,2,4-Trichlorobenzene	ND	114	121	6.0	<40	51	NC	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	96	94	2.1	62	106	52.4	70 - 130	30	m,r
1,2-Dibromo-3-chloropropane	ND	116	119	2.6	131	>150	NC	70 - 130	30	m
1,2-Dibromoethane	ND	94	97	3.1	79	90	13.0	70 - 130	30	
1,2-Dichlorobenzene	ND	98	96	2.1	66	95	36.0	70 - 130	30	m,r

QA/QC Data

SDG I.D.: GBD78164

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,2-Dichloroethane	ND	93	96	3.2	88	104	16.7	70 - 130	30	
1,2-Dichloropropane	ND	92	92	0.0	88	108	20.4	70 - 130	30	
1,3,5-Trimethylbenzene	ND	94	90	4.3	71	117	48.9	70 - 130	30	r
1,3-Dichlorobenzene	ND	104	100	3.9	69	106	42.3	70 - 130	30	m,r
1,3-Dichloropropane	ND	94	93	1.1	94	117	21.8	70 - 130	30	
1,4-Dichlorobenzene	ND	100	98	2.0	65	100	42.4	70 - 130	30	m,r
2,2-Dichloropropane	ND	91	91	0.0	85	110	25.6	70 - 130	30	
2-Chlorotoluene	ND	105	100	4.9	91	143	44.4	70 - 130	30	m,r
2-Hexanone	ND	83	83	0.0	72	82	13.0	70 - 130	30	
2-Isopropyltoluene	ND	98	95	3.1	66	111	50.8	70 - 130	30	m,r
4-Chlorotoluene	ND	102	99	3.0	84	132	44.4	70 - 130	30	m,r
4-Methyl-2-pentanone	ND	94	95	1.1	74	80	7.8	70 - 130	30	
Acetone	ND	73	70	4.2	NC	NC	NC	70 - 130	30	
Acrylonitrile	ND	93	96	3.2	84	87	3.5	70 - 130	30	
Benzene	ND	86	85	1.2	79	100	23.5	70 - 130	30	
Bromobenzene	ND	106	102	3.8	104	147	34.3	70 - 130	30	m,r
Bromochloromethane	ND	99	99	0.0	93	111	17.6	70 - 130	30	
Bromodichloromethane	ND	90	89	1.1	79	98	21.5	70 - 130	30	
Bromoform	ND	109	108	0.9	89	108	19.3	70 - 130	30	
Bromomethane	ND	89	82	8.2	67	103	42.4	70 - 130	30	m,r
Carbon Disulfide	ND	78	73	6.6	57	79	32.4	70 - 130	30	m,r
Carbon tetrachloride	ND	101	101	0.0	91	117	25.0	70 - 130	30	
Chlorobenzene	ND	99	97	2.0	79	107	30.1	70 - 130	30	
Chloroethane	ND	84	79	6.1	79	106	29.2	70 - 130	30	
Chloroform	ND	82	83	1.2	80	100	22.2	70 - 130	30	
Chloromethane	ND	88	90	2.2	87	113	26.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	89	90	1.1	80	98	20.2	70 - 130	30	
cis-1,3-Dichloropropene	ND	93	95	2.1	76	93	20.1	70 - 130	30	
Dibromochloromethane	ND	105	105	0.0	99	124	22.4	70 - 130	30	
Dibromomethane	ND	93	97	4.2	80	92	14.0	70 - 130	30	
Dichlorodifluoromethane	ND	89	89	0.0	95	124	26.5	70 - 130	30	
Ethylbenzene	ND	92	90	2.2	73	105	36.0	70 - 130	30	r
Hexachlorobutadiene	ND	105	111	5.6	<40	63	NC	70 - 130	30	m
Isopropylbenzene	ND	102	96	6.1	98	>150	NC	70 - 130	30	m
m&p-Xylene	ND	94	93	1.1	68	98	36.1	70 - 130	30	m,r
Methyl ethyl ketone	ND	68	72	5.7	75	77	2.6	70 - 130	30	l
Methyl t-butyl ether (MTBE)	ND	80	80	0.0	92	103	11.3	70 - 130	30	
Methylene chloride	ND	75	74	1.3	86	130	40.7	70 - 130	30	r
Naphthalene	ND	109	125	13.7	49	94	62.9	70 - 130	30	m,r
n-Butylbenzene	ND	93	94	1.1	43	87	67.7	70 - 130	30	m,r
n-Propylbenzene	ND	105	99	5.9	86	143	49.8	70 - 130	30	m,r
o-Xylene	ND	94	93	1.1	71	99	32.9	70 - 130	30	r
p-Isopropyltoluene	ND	106	102	3.8	64	117	58.6	70 - 130	30	m,r
sec-Butylbenzene	ND	90	87	3.4	62	108	54.1	70 - 130	30	m,r
Styrene	ND	89	89	0.0	65	90	32.3	70 - 130	30	m,r
tert-Butylbenzene	ND	101	95	6.1	78	130	50.0	70 - 130	30	r
Tetrachloroethene	ND	106	104	1.9	88	127	36.3	70 - 130	30	r
Tetrahydrofuran (THF)	ND	86	89	3.4	95	100	5.1	70 - 130	30	
Toluene	ND	88	88	0.0	73	94	25.1	70 - 130	30	
trans-1,2-Dichloroethene	ND	81	80	1.2	67	87	26.0	70 - 130	30	m
trans-1,3-Dichloropropene	ND	92	94	2.2	70	81	14.6	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	100	99	1.0	95	114	18.2	70 - 130	30	
Trichloroethene	ND	102	99	3.0	86	112	26.3	70 - 130	30	

QA/QC Data

SDG I.D.: GBD78164

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Trichlorofluoromethane	ND	90	86	4.5	84	112	28.6	70 - 130	30
Trichlorotrifluoroethane	ND	94	94	0.0	90	121	29.4	70 - 130	30
Vinyl chloride	ND	93	94	1.1	83	107	25.3	70 - 130	30
% 1,2-dichlorobenzene-d4	102	101	101	0.0	99	99	0.0	70 - 130	30
% Bromofluorobenzene	95	97	99	2.0	84	83	1.2	70 - 130	30
% Dibromofluoromethane	98	99	99	0.0	107	106	0.9	70 - 130	30
% Toluene-d8	95	94	94	0.0	89	88	1.1	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 230305, QC Sample No: BD71486 (BD78164, BD78165, BD78166, BD78167, BD78168, BD78169, BD78170)

Pesticides - Soil

4,4' -DDD	ND	86			74	75	1.3	40 - 140	30
4,4' -DDE	ND	86			75	76	1.3	40 - 140	30
4,4' -DDT	ND	84			72	72	0.0	40 - 140	30
a-BHC	ND	83			72	76	5.4	40 - 140	30
a-Chlordane	ND	83			72	76	5.4	40 - 140	30
Alachlor	ND	N/A			N/A	N/A	NC	40 - 140	30
Aldrin	ND	82			72	73	1.4	40 - 140	30
b-BHC	ND	84			72	75	4.1	40 - 140	30
Chlordane	ND	N/A			N/A	N/A	NC	40 - 140	30
d-BHC	ND	82			71	75	5.5	40 - 140	30
Dieldrin	ND	84			74	77	4.0	40 - 140	30
Endosulfan I	ND	83			72	77	6.7	40 - 140	30
Endosulfan II	ND	82			75	78	3.9	40 - 140	30
Endosulfan sulfate	ND	81			73	75	2.7	40 - 140	30
Endrin	ND	77			59	61	3.3	40 - 140	30
Endrin aldehyde	ND	89			80	86	7.2	40 - 140	30
Endrin ketone	ND	87			81	82	1.2	40 - 140	30
g-BHC	ND	82			72	75	4.1	40 - 140	30
g-Chlordane	ND	82			71	75	5.5	40 - 140	30
Heptachlor	ND	82			72	75	4.1	40 - 140	30
Heptachlor epoxide	ND	80			71	73	2.8	40 - 140	30
Methoxychlor	ND	82			69	68	1.5	40 - 140	30
Toxaphene	ND	N/A			N/A	N/A	NC	40 - 140	30
% DCBP	84	87			79	79	0.0	30 - 150	30
% TCMX	88	92			82	85	3.6	30 - 150	30

QA/QC Batch 230304, QC Sample No: BD71486 (BD78164, BD78165, BD78166, BD78167, BD78168, BD78169, BD78170)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	92	90	2.2	86	91	5.6	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	96	97	1.0	88	96	8.7	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	95	94	95	1.1	91	98	7.4	30 - 150	30
% TCMX (Surrogate Rec)	92	95	94	1.1	93	92	1.1	30 - 150	30

QA/QC Data

SDG I.D.: GBD78164

QA/QC Batch 230532, QC Sample No: BD78164 (BD78164)

Volatiles - Soil

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,1,1,2-Tetrachloroethane	ND	103	101	2.0	75	76	1.3	70 - 130	30	
1,1,1-Trichloroethane	ND	100	98	2.0	89	87	2.3	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	103	96	7.0	47	49	4.2	70 - 130	30	m
1,1,2-Trichloroethane	ND	105	102	2.9	79	80	1.3	70 - 130	30	
1,1-Dichloroethane	ND	105	103	1.9	91	91	0.0	70 - 130	30	
1,1-Dichloroethene	ND	109	106	2.8	97	91	6.4	70 - 130	30	
1,1-Dichloropropene	ND	105	104	1.0	85	80	6.1	70 - 130	30	
1,2,3-Trichlorobenzene	ND	91	99	8.4	<40	<40	NC	70 - 130	30	m
1,2,3-Trichloropropane	ND	93	88	5.5	70	72	2.8	70 - 130	30	
1,2,4-Trichlorobenzene	ND	95	105	10.0	<40	<40	NC	70 - 130	30	m
1,2,4-Trimethylbenzene	ND	102	107	4.8	54	50	7.7	70 - 130	30	m
1,2-Dibromo-3-chloropropane	ND	102	93	9.2	58	63	8.3	70 - 130	30	m
1,2-Dibromoethane	ND	102	100	2.0	72	72	0.0	70 - 130	30	
1,2-Dichlorobenzene	ND	97	100	3.0	43	43	0.0	70 - 130	30	m
1,2-Dichloroethane	ND	93	91	2.2	80	78	2.5	70 - 130	30	
1,2-Dichloropropane	ND	102	102	0.0	86	86	0.0	70 - 130	30	
1,3,5-Trimethylbenzene	ND	100	104	3.9	57	52	9.2	70 - 130	30	m
1,3-Dichlorobenzene	ND	101	103	2.0	45	44	2.2	70 - 130	30	m
1,3-Dichloropropane	ND	101	98	3.0	74	77	4.0	70 - 130	30	
1,4-Dichlorobenzene	ND	99	102	3.0	43	41	4.8	70 - 130	30	m
2,2-Dichloropropane	ND	127	118	7.3	96	105	9.0	70 - 130	30	
2-Chlorotoluene	ND	102	104	1.9	56	54	3.6	70 - 130	30	m
2-Hexanone	ND	82	77	6.3	67	74	9.9	70 - 130	30	m
2-Isopropyltoluene	ND	99	103	4.0	51	46	10.3	70 - 130	30	m
4-Chlorotoluene	ND	98	102	4.0	54	51	5.7	70 - 130	30	m
4-Methyl-2-pentanone	ND	98	92	6.3	78	85	8.6	70 - 130	30	
Acetone	ND	88	78	12.0	86	85	1.2	70 - 130	30	
Acrylonitrile	ND	102	95	7.1	71	97	31.0	70 - 130	30	r
Benzene	ND	105	105	0.0	87	87	0.0	70 - 130	30	
Bromobenzene	ND	101	100	1.0	57	56	1.8	70 - 130	30	m
Bromochloromethane	ND	109	104	4.7	87	87	0.0	70 - 130	30	
Bromodichloromethane	ND	101	99	2.0	82	82	0.0	70 - 130	30	
Bromoform	ND	104	101	2.9	65	68	4.5	70 - 130	30	m
Bromomethane	ND	116	112	3.5	89	95	6.5	70 - 130	30	
Carbon Disulfide	ND	110	109	0.9	81	75	7.7	70 - 130	30	
Carbon tetrachloride	ND	99	100	1.0	83	83	0.0	70 - 130	30	
Chlorobenzene	ND	102	104	1.9	66	65	1.5	70 - 130	30	m
Chloroethane	ND	106	106	0.0	95	92	3.2	70 - 130	30	
Chloroform	ND	103	99	4.0	89	87	2.3	70 - 130	30	
Chloromethane	ND	105	100	4.9	92	97	5.3	70 - 130	30	
cis-1,2-Dichloroethene	ND	137	126	8.4	109	107	1.9	70 - 130	30	l
cis-1,3-Dichloropropene	ND	107	106	0.9	74	77	4.0	70 - 130	30	
Dibromochloromethane	ND	104	102	1.9	72	75	4.1	70 - 130	30	
Dibromomethane	ND	100	97	3.0	76	74	2.7	70 - 130	30	
Dichlorodifluoromethane	ND	109	107	1.9	107	103	3.8	70 - 130	30	
Ethylbenzene	ND	102	103	1.0	70	68	2.9	70 - 130	30	m
Hexachlorobutadiene	ND	81	100	21.0	<40	<40	NC	70 - 130	30	m
Isopropylbenzene	ND	105	107	1.9	66	61	7.9	70 - 130	30	m
m&p-Xylene	ND	105	107	1.9	69	66	4.4	70 - 130	30	m
Methyl ethyl ketone	ND	78	68	13.7	75	79	5.2	70 - 130	30	l

QA/QC Data

SDG I.D.: GBD78164

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Methyl t-butyl ether (MTBE)	ND	110	106	3.7	98	106	7.8	70 - 130	30	
Methylene chloride	ND	102	96	6.1	83	82	1.2	70 - 130	30	
Naphthalene	ND	97	98	1.0	<40	<40	NC	70 - 130	30	m
n-Butylbenzene	ND	95	105	10.0	<40	<40	NC	70 - 130	30	m
n-Propylbenzene	ND	104	109	4.7	57	52	9.2	70 - 130	30	m
o-Xylene	ND	109	112	2.7	71	69	2.9	70 - 130	30	m
p-Isopropyltoluene	ND	101	108	6.7	49	42	15.4	70 - 130	30	m
sec-Butylbenzene	ND	98	102	4.0	49	42	15.4	70 - 130	30	m
Styrene	ND	106	107	0.9	63	71	11.9	70 - 130	30	m
tert-Butylbenzene	ND	102	104	1.9	56	50	11.3	70 - 130	30	m
Tetrachloroethene	ND	106	106	0.0	73	69	5.6	70 - 130	30	m
Tetrahydrofuran (THF)	ND	98	89	9.6	79	84	6.1	70 - 130	30	
Toluene	ND	104	105	1.0	80	78	2.5	70 - 130	30	
trans-1,2-Dichloroethene	ND	114	110	3.6	85	81	4.8	70 - 130	30	
trans-1,3-Dichloropropene	ND	105	104	1.0	68	69	1.5	70 - 130	30	m
trans-1,4-dichloro-2-butene	ND	111	105	5.6	55	61	10.3	70 - 130	30	m
Trichloroethene	ND	105	104	1.0	94	94	0.0	70 - 130	30	
Trichlorofluoromethane	ND	101	100	1.0	92	87	5.6	70 - 130	30	
Trichlorotrifluoroethane	ND	105	105	0.0	91	86	5.6	70 - 130	30	
Vinyl chloride	ND	110	105	4.7	96	94	2.1	70 - 130	30	
% 1,2-dichlorobenzene-d4	102	99	99	0.0	99	99	0.0	70 - 130	30	
% Bromofluorobenzene	96	98	99	1.0	98	98	0.0	70 - 130	30	
% Dibromofluoromethane	97	105	99	5.9	100	103	3.0	70 - 130	30	
% Toluene-d8	101	100	102	2.0	101	101	0.0	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 230428, QC Sample No: BD78169 (BD78164, BD78165, BD78166, BD78167, BD78168, BD78169, BD78170)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	82	81	1.2	69	69	0.0	30 - 130	30	
1,2,4-Trichlorobenzene	ND	77	77	0.0	67	68	1.5	30 - 130	30	
1,2-Dichlorobenzene	ND	75	75	0.0	64	65	1.6	30 - 130	30	
1,2-Diphenylhydrazine	ND	85	84	1.2	83	80	3.7	30 - 130	30	
1,3-Dichlorobenzene	ND	75	74	1.3	64	65	1.6	30 - 130	30	
1,4-Dichlorobenzene	ND	75	75	0.0	65	66	1.5	30 - 130	30	
2,4,5-Trichlorophenol	ND	92	91	1.1	92	89	3.3	30 - 130	30	
2,4,6-Trichlorophenol	ND	89	88	1.1	77	76	1.3	30 - 130	30	
2,4-Dichlorophenol	ND	83	83	0.0	74	73	1.4	30 - 130	30	
2,4-Dimethylphenol	ND	49	47	4.2	44	40	9.5	30 - 130	30	
2,4-Dinitrophenol	ND	9.0	8.0	11.8	11	7.3	40.4	30 - 130	30	l,m,r
2,4-Dinitrotoluene	ND	89	89	0.0	85	80	6.1	30 - 130	30	
2,6-Dinitrotoluene	ND	90	90	0.0	83	83	0.0	30 - 130	30	
2-Chloronaphthalene	ND	85	85	0.0	75	75	0.0	30 - 130	30	
2-Chlorophenol	ND	79	78	1.3	69	69	0.0	30 - 130	30	
2-Methylnaphthalene	ND	81	81	0.0	74	74	0.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	81	80	1.2	72	71	1.4	30 - 130	30	
2-Nitroaniline	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
2-Nitrophenol	ND	75	74	1.3	66	66	0.0	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	83	84	1.2	74	73	1.4	30 - 130	30	
3,3'-Dichlorobenzidine	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
3-Nitroaniline	ND	92	92	0.0	87	84	3.5	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	51	49	4.0	44	36	20.0	30 - 130	30	
4-Bromophenyl phenyl ether	ND	91	91	0.0	83	84	1.2	30 - 130	30	

QA/QC Data

SDG I.D.: GBD78164

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
4-Chloro-3-methylphenol	ND	92	90	2.2	86	82	4.8	30 - 130	30	
4-Chloroaniline	ND	76	82	7.6	60	65	8.0	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	87	88	1.1	81	80	1.2	30 - 130	30	
4-Nitroaniline	ND	92	92	0.0	87	84	3.5	30 - 130	30	
4-Nitrophenol	ND	83	83	0.0	88	NC	NC	30 - 130	30	
Acenaphthene	ND	86	86	0.0	79	78	1.3	30 - 130	30	
Acenaphthylene	ND	88	87	1.1	79	78	1.3	30 - 130	30	
Acetophenone	ND	80	81	1.2	72	72	0.0	30 - 130	30	
Aniline	ND	96	97	1.0	48	72	40.0	30 - 130	30	r
Anthracene	ND	91	92	1.1	86	86	0.0	30 - 130	30	
Benz(a)anthracene	ND	88	89	1.1	84	85	1.2	30 - 130	30	
Benzidine	ND	98	98	0.0	61	59	3.3	30 - 130	30	
Benzo(a)pyrene	ND	81	82	1.2	78	79	1.3	30 - 130	30	
Benzo(b)fluoranthene	ND	92	96	4.3	99	99	0.0	30 - 130	30	
Benzo(ghi)perylene	ND	94	95	1.1	47	50	6.2	30 - 130	30	
Benzo(k)fluoranthene	ND	87	89	2.3	97	99	2.0	30 - 130	30	
Benzyl butyl phthalate	ND	90	90	0.0	98	101	3.0	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	82	83	1.2	73	75	2.7	30 - 130	30	
Bis(2-chloroethyl)ether	ND	78	83	6.2	65	73	11.6	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	81	81	0.0	74	74	0.0	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	89	89	0.0	93	100	7.3	30 - 130	30	
Carbazole	ND	>150	>150	NC	>150	>150	NC	30 - 130	30	l,m
Chrysene	ND	87	87	0.0	84	86	2.4	30 - 130	30	
Dibenz(a,h)anthracene	ND	94	96	2.1	57	59	3.4	30 - 130	30	
Dibenzofuran	ND	87	87	0.0	80	79	1.3	30 - 130	30	
Diethyl phthalate	ND	90	91	1.1	88	87	1.1	30 - 130	30	
Dimethylphthalate	ND	88	89	1.1	83	84	1.2	30 - 130	30	
Di-n-butylphthalate	ND	92	94	2.2	90	91	1.1	30 - 130	30	
Di-n-octylphthalate	ND	93	92	1.1	87	91	4.5	30 - 130	30	
Fluoranthene	ND	94	95	1.1	90	87	3.4	30 - 130	30	
Fluorene	ND	90	90	0.0	84	81	3.6	30 - 130	30	
Hexachlorobenzene	ND	88	87	1.1	83	86	3.6	30 - 130	30	
Hexachlorobutadiene	ND	77	77	0.0	67	68	1.5	30 - 130	30	
Hexachlorocyclopentadiene	ND	85	80	6.1	29	26	10.9	30 - 130	30	m
Hexachloroethane	ND	73	74	1.4	59	59	0.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	96	81	16.9	54	56	3.6	30 - 130	30	
Isophorone	ND	85	86	1.2	76	77	1.3	30 - 130	30	
Naphthalene	ND	81	81	0.0	72	72	0.0	30 - 130	30	
Nitrobenzene	ND	78	80	2.5	71	71	0.0	30 - 130	30	
N-Nitrosodimethylamine	ND	99	93	6.3	73	71	2.8	30 - 130	30	
N-Nitrosodi-n-propylamine	ND	81	81	0.0	71	71	0.0	30 - 130	30	
N-Nitrosodiphenylamine	ND	99	100	1.0	96	92	4.3	30 - 130	30	
Pentachloronitrobenzene	ND	75	103	31.5	90	95	5.4	30 - 130	30	r
Pentachlorophenol	ND	84	82	2.4	68	57	17.6	30 - 130	30	
Phenanthrene	ND	93	93	0.0	89	88	1.1	30 - 130	30	
Phenol	ND	86	85	1.2	61	60	1.7	30 - 130	30	
Pyrene	ND	92	92	0.0	87	84	3.5	30 - 130	30	
Pyridine	ND	86	83	3.6	61	60	1.7	30 - 130	30	
% 2,4,6-Tribromophenol	99	99	99	0.0	89	89	0.0	30 - 130	30	
% 2-Fluorobiphenyl	87	82	82	0.0	72	74	2.7	30 - 130	30	
% 2-Fluorophenol	93	94	92	2.2	80	78	2.5	30 - 130	30	
% Nitrobenzene-d5	88	77	78	1.3	70	70	0.0	30 - 130	30	
% Phenol-d5	82	85	84	1.2	72	71	1.4	30 - 130	30	

QA/QC Data

SDG I.D.: GBD78164

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Terphenyl-d14	95	94	96	2.1	89	86	3.4	30 - 130	30

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%)

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
May 21, 2013

Sample Criteria Exceedences Report

GBD78164 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78164	$8270-SMR	Phenol	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	530	330	330	ug/Kg
BD78164	$8270-SMR	2-Methylphenol (o-cresol)	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	530	330	330	ug/Kg
BD78164	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	3300	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	3300	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3300	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3500	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3500	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4300	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4300	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4300	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1600	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1600	530	800	800	ug/Kg
BD78164	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2900	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2900	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2900	530	1000	1000	ug/Kg
BD78164	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	1100	530	500	500	ug/Kg
BD78164	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	1100	530	500	500	ug/Kg
BD78164	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	530	500	500	ug/Kg
BD78164	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential	ND	530	330	330	ug/Kg
BD78164	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	ND	530	330	330	ug/Kg
BD78164	$8270-SMR	Dibenz(a,h)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	ND	530	330	330	ug/Kg
BD78164	$PEST_SMR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	5.7	5	5	ug/Kg
BD78164	$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	36	3.3	3.3	ug/Kg
BD78164	$PEST_SMR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	5.7	5	5	ug/Kg
BD78164	$PEST_SMR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	36	14	14	ug/Kg
BD78164	$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	36	3.3	3.3	ug/Kg
BD78164	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	54	36	3.3	3.3	ug/Kg
BD78164	BA-SM	Barium	NY / 375-6.8 Metals / Residential	398	0.34	350	350	mg/Kg
BD78164	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	398	0.34	350	350	mg/Kg
BD78164	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	46.4	0.34	1	1	mg/Kg
BD78164	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	97.7	0.34	50	50	mg/kg
BD78164	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.15	0.07	0.81	0.81	mg/Kg
BD78164	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.15	0.07	0.81	0.81	mg/Kg
BD78164	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.15	0.07	0.18	0.18	mg/Kg
BD78164	PB-SM	Lead	NY / 375-6.8 Metals / Residential	451	3.4	400	400	mg/Kg
BD78164	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	451	3.4	400	400	mg/Kg
BD78164	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	451	3.4	63	63	mg/Kg
BD78164	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	378	3.4	109	109	mg/Kg
BD78165	$8260MAR	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	150	20	20	ug/Kg
BD78165	$8260MAR	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	2900	50	50	ug/Kg
BD78165	$8260MAR	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	150	50	50	ug/Kg

Sample Criteria Exceedences Report

GBD78164 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78165	$8260MAR	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	880	120	120	ug/Kg
BD78165	$8260MAR	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	150	60	60	ug/Kg
BD78165	$8260MAR	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	150	20	20	ug/Kg
BD78165	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	14.9	0.36	1	1	mg/Kg
BD78166	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	3100	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	3100	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3100	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	3300	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3300	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	4000	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	4000	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	4000	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1300	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1300	280	800	800	ug/Kg
BD78166	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2700	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2700	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	280	1000	1000	ug/Kg
BD78166	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	900	280	500	500	ug/Kg
BD78166	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	900	280	500	500	ug/Kg
BD78166	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	900	280	500	500	ug/Kg
BD78166	$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	130	79	100	100	ug/Kg
BD78166	$PEST_SMR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	6.0	5	5	ug/Kg
BD78166	$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	34	12	3.3	3.3	ug/Kg
BD78166	$PEST_SMR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	11	6.0	5	5	ug/Kg
BD78166	$PEST_SMR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	38	14	14	ug/Kg
BD78166	$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	12	3.3	3.3	ug/Kg
BD78166	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	140	12	3.3	3.3	ug/Kg
BD78166	BA-SM	Barium	NY / 375-6.8 Metals / Residential	642	0.42	350	350	mg/Kg
BD78166	BA-SM	Barium	NY / 375-6.8 Metals / Residential Restricted	642	0.42	400	400	mg/Kg
BD78166	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	642	0.42	350	350	mg/Kg
BD78166	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	19.3	0.42	1	1	mg/Kg
BD78166	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	55.6	0.42	50	50	mg/kg
BD78166	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.44	0.07	0.18	0.18	mg/Kg
BD78166	PB-SM	Lead	NY / 375-6.8 Metals / Residential	967	4.2	400	400	mg/Kg
BD78166	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	967	4.2	400	400	mg/Kg
BD78166	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	967	4.2	63	63	mg/Kg
BD78166	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	537	4.2	109	109	mg/Kg
BD78167	$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	3.6	2.2	3.3	3.3	ug/Kg
BD78167	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	22.2	0.39	1	1	mg/Kg
BD78167	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	190	3.9	109	109	mg/Kg

Sample Criteria Exceedences Report

GBD78164 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78168	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2300	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2300	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2300	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2400	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2400	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	3100	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	3100	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	3100	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	270	800	800	ug/Kg
BD78168	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2100	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2100	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	270	1000	1000	ug/Kg
BD78168	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	630	270	500	500	ug/Kg
BD78168	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	630	270	500	500	ug/Kg
BD78168	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	630	270	500	500	ug/Kg
BD78168	$PCB_SMR	PCB-1260	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	120	76	100	100	ug/Kg
BD78168	$PEST_SMR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	5.7	5	5	ug/Kg
BD78168	$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	11	3.3	3.3	ug/Kg
BD78168	$PEST_SMR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	5.7	5	5	ug/Kg
BD78168	$PEST_SMR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	37	14	14	ug/Kg
BD78168	$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	11	3.3	3.3	ug/Kg
BD78168	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	61	3.3	3.3	ug/Kg
BD78168	BA-SM	Barium	NY / 375-6.8 Metals / Residential	449	0.40	350	350	mg/Kg
BD78168	BA-SM	Barium	NY / 375-6.8 Metals / Residential Restricted	449	0.40	400	400	mg/Kg
BD78168	BA-SM	Barium	NY / 375-6.8 Metals / Unrestricted Use Soil	449	0.40	350	350	mg/Kg
BD78168	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	22.2	0.40	1	1	mg/Kg
BD78168	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	60.6	0.40	50	50	mg/kg
BD78168	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	0.86	0.07	0.81	0.81	mg/Kg
BD78168	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	0.86	0.07	0.81	0.81	mg/Kg
BD78168	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	0.86	0.07	0.18	0.18	mg/Kg
BD78168	PB-SM	Lead	NY / 375-6.8 Metals / Residential	583	4.0	400	400	mg/Kg
BD78168	PB-SM	Lead	NY / 375-6.8 Metals / Residential Restricted	583	4.0	400	400	mg/Kg
BD78168	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	583	4.0	63	63	mg/Kg
BD78168	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	417	4.0	109	109	mg/Kg
BD78169	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	15.1	0.37	1	1	mg/Kg
BD78170	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential	2200	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Residential Restricted	2200	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Benz(a)anthracene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2200	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Residential	2100	260	1000	1000	ug/Kg

Sample Criteria Exceedences Report

GBD78164 - EBC

Requested Criteria: 375, 375RRS, 375RS

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BD78170	$8270-SMR	Chrysene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2100	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	2700	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Residential Restricted	2700	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Benzo(b)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2700	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Residential	1100	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Benzo(k)fluoranthene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	1100	260	800	800	ug/Kg
BD78170	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential	2000	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	2000	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Benzo(a)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	2000	260	1000	1000	ug/Kg
BD78170	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential	700	260	500	500	ug/Kg
BD78170	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Residential Restricted	700	260	500	500	ug/Kg
BD78170	$8270-SMR	Indeno(1,2,3-cd)pyrene	NY / 375-6.8 Semivolatiles / Unrestricted Use Soil	700	260	500	500	ug/Kg
BD78170	$PEST_SMR	Aldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	5.6	5	5	ug/Kg
BD78170	$PEST_SMR	4,4' -DDE	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	26	3.3	3.3	ug/Kg
BD78170	$PEST_SMR	Dieldrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	5.6	5	5	ug/Kg
BD78170	$PEST_SMR	Endrin	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	36	14	14	ug/Kg
BD78170	$PEST_SMR	4,4' -DDD	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	11	3.3	3.3	ug/Kg
BD78170	$PEST_SMR	4,4' -DDT	NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil	ND*	48	3.3	3.3	ug/Kg
BD78170	CR-SM	Chromium	NY / 375-6.8 Metals / Unrestricted Use Soil	17.6	0.39	1	1	mg/Kg
BD78170	CU-SM	Copper	NY / 375-6.8 Metals / Unrestricted Use Soil	53.8	0.39	50	50	mg/kg
BD78170	HG-SM	Mercury	NY / 375-6.8 Metals / Residential	1.27	0.07	0.81	0.81	mg/Kg
BD78170	HG-SM	Mercury	NY / 375-6.8 Metals / Residential Restricted	1.27	0.07	0.81	0.81	mg/Kg
BD78170	HG-SM	Mercury	NY / 375-6.8 Metals / Unrestricted Use Soil	1.27	0.07	0.18	0.18	mg/Kg
BD78170	PB-SM	Lead	NY / 375-6.8 Metals / Unrestricted Use Soil	330	3.9	63	63	mg/Kg
BD78170	ZN-SM	Zinc	NY / 375-6.8 Metals / Unrestricted Use Soil	253	3.9	109	109	mg/Kg
BD78200	$8260MER	Vinyl chloride	NY / 375-6.8 Volatiles / Residential	ND	250	210	210	ug/Kg
BD78200	$8260MER	Vinyl chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/Kg
BD78200	$8260MER	Acetone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	5000	50	50	ug/Kg
BD78200	$8260MER	Methylene chloride	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	500	50	50	ug/Kg
BD78200	$8260MER	trans-1,2-Dichloroethene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	190	190	ug/Kg
BD78200	$8260MER	Methyl Ethyl Ketone	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	3000	120	120	ug/Kg
BD78200	$8260MER	Benzene	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	60	60	ug/Kg
BD78200	$8260MER	1,2-Dichloroethane	NY / 375-6.8 Volatiles / Unrestricted Use Soil	ND	250	20	20	ug/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

May 21, 2013

SDG I.D.: GBD78164

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

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: info@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 4 Pg 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: csosuco@ebcinc.com

Customer: EBC
Address: 1808 Middle Country Rd Ridge NY

Project: 82 Throop Ave Brooklyn NY
Report to: EBC
Invoice to:

Project P.O:
Phone #: 631 504 6000
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] Date: 5.13.13

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=oil
GW=groundwater **SL**=sludge **A**=air **X**=other

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC 8260	SVOC 8270	PCB/PESTICIDES	TAL Metals	Soil VOA Methanol [X] S. Bisulfate [ ] H2O	GL Soil container (8) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [ ] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
78164	SB1 0-2	S	5.13	800	X	X	X	X		3	1							
78165	SB1 8-10	S	↓	830	↓	↓	↓	↓		↓	↓							
78166	SB2 0-2	S	↓	900	↓	↓	↓	↓		↓	↓							
78167	SB2 8-10	S	↓	930	↓	↓	↓	↓		↓	↓							
78168	SB3 0-2	S	↓	1000	↓	↓	↓	↓		↓	↓							
78169	SB3 8-10	S	↓	1030	↓	↓	↓	↓		↓	↓							
78170	Duplicate	S	5.13		X	X	X	X		↓	↓							
78200	TB H																	
78201	TB L																	

Relinquished by:	Accepted by:	Date:	Time:
[signature]		5.13	
[signature]	[signature]	5-14-13	9:15
[signature]	[signature]	5-14-13	1438

Comments, Special Requirements or Regulations:
Rcvd High & Low level TBs

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TOGS GA GW
☐ CP-51 Soil
☒ NY375 Unrestricted Soil
☒ NY375 Residential Soil
☒ NY375 Restricted Non-Residential Soil

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

PHOENIX
Environmental Laboratories, Inc.

Tuesday, May 21, 2013

Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Project ID: 82 THROOP AVE BKLYN NY
Sample ID#s: BD79115 - BD79117

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,

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		05/14/13	11:28
Location Code:	EBC	Received by:	SW	05/15/13	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD79115
Phoenix ID: BD79115

Project ID: 82 THROOP AVE BKLYN NY
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*	05/16/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	05/16/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	05/16/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	05/16/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	05/16/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	05/16/13	KCA	TO15	
1,2,4-Trichlorobenzene	0.2	*0.135*	1.48	*1.00*	05/16/13	KCA	TO15	
1,2,4-Trimethylbenzene	1.57	*0.204*	7.71	*1.00*	05/16/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	05/16/13	KCA	TO15	
1,3,5-Trimethylbenzene	0.49	*0.204*	2.41	*1.00*	05/16/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	05/16/13	KCA	TO15	
1,3-Dichlorobenzene	1.17	*0.166*	7.03	*1.00*	05/16/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/16/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	05/16/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	05/16/13	KCA	TO15	1
4-Ethyltoluene	0.48	*0.204*	2.36	*1.00*	05/16/13	KCA	TO15	1
4-Isopropyltoluene	0.46	*0.182*	2.52	*1.00*	05/16/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	2.68	*0.244*	11.0	*1.00*	05/16/13	KCA	TO15	
Acetone	1100	*0.421*	2610	*1.00*	05/16/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	05/16/13	KCA	TO15	
Benzene	1.3	*0.313*	4.15	*1.00*	05/16/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	05/16/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	05/16/13	KCA	TO15	

Project ID: 82 THROOP AVE BKLYN NY
Client ID: SG-1

Phoenix I.D.: BD79115

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	05/16/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	05/16/13	KCA	TO15	
Carbon Disulfide	0.38	*0.321*	1.18	*1.00*	05/16/13	KCA	TO15	
Carbon Tetrachloride	0.09	*0.040*	0.566	*0.25*	05/16/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	05/16/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	05/16/13	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	05/16/13	KCA	TO15	
Chloromethane	1.59	*0.484*	3.28	*1.00*	05/16/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/16/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/16/13	KCA	TO15	1
Cyclohexane	2.21	*0.291*	7.60	*1.00*	05/16/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	05/16/13	KCA	TO15	
Dichlorodifluoromethane	0.42	*0.202*	2.08	*1.00*	05/16/13	KCA	TO15	
Ethanol	600	*0.531*	1130	*1.00*	05/16/13	KCA	TO15	1
Ethyl acetate	19.5	*0.278*	70.2	*1.00*	05/16/13	KCA	TO15	1
Ethylbenzene	1.61	*0.230*	6.99	*1.00*	05/16/13	KCA	TO15	
Heptane	2.62	*0.244*	10.7	*1.00*	05/16/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	05/16/13	KCA	TO15	
Hexane	1.44	*0.284*	5.07	*1.00*	05/16/13	KCA	TO15	
Isopropylalcohol	17.9	*0.407*	44.0	*1.00*	05/16/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	05/16/13	KCA	TO15	
m,p-Xylene	4.99	*0.230*	21.6	*1.00*	05/16/13	KCA	TO15	
Methyl Ethyl Ketone	20.8	*0.339*	61.3	*1.00*	05/16/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	05/16/13	KCA	TO15	
Methylene Chloride	1.23	*0.288*	4.27	*1.00*	05/16/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	05/16/13	KCA	TO15	1
o-Xylene	1.84	*0.230*	7.98	*1.00*	05/16/13	KCA	TO15	
Propylene	44	*0.581*	75.7	*1.00*	05/16/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	05/16/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	05/16/13	KCA	TO15	
Tetrachloroethene	0.12	*0.037*	0.813	*0.25*	05/16/13	KCA	TO15	
Tetrahydrofuran	1.28	*0.339*	3.77	*1.00*	05/16/13	KCA	TO15	1
Toluene	3.92	*0.266*	14.8	*1.00*	05/16/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/16/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/16/13	KCA	TO15	
Trichloroethene	0.07	*0.047*	0.376	*0.25*	05/16/13	KCA	TO15	
Trichlorofluoromethane	0.2	*0.178*	1.12	*1.00*	05/16/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	05/16/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	05/16/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	104	*%*	104	*%*	05/16/13	KCA	TO15	

Project ID: 82 THROOP AVE BKLYN NY

Client ID: SG-1

Phoenix I.D.: BD79115

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

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 Quanitation) 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

May 21, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		05/14/13	11:25
Location Code:	EBC	Received by:	SW	05/15/13	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD79115
Phoenix ID: BD79116

Project ID: 82 THROOP AVE BKLYN NY
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*	05/16/13	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	05/16/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	05/16/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	05/16/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	05/16/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	05/16/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	05/16/13	KCA	TO15	
1,2,4-Trimethylbenzene	1.56	*0.204*	7.66	*1.00*	05/16/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	05/16/13	KCA	TO15	
1,3,5-Trimethylbenzene	0.51	*0.204*	2.50	*1.00*	05/16/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	05/16/13	KCA	TO15	
1,3-Dichlorobenzene	1.34	*0.166*	8.05	*1.00*	05/16/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/16/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	05/16/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	05/16/13	KCA	TO15	1
4-Ethyltoluene	0.45	*0.204*	2.21	*1.00*	05/16/13	KCA	TO15	1
4-Isopropyltoluene	0.43	*0.182*	2.36	*1.00*	05/16/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	1.99	*0.244*	8.15	*1.00*	05/16/13	KCA	TO15	
Acetone	755	*0.421*	1790	*1.00*	05/16/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	05/16/13	KCA	TO15	
Benzene	0.98	*0.313*	3.13	*1.00*	05/16/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	05/16/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	05/16/13	KCA	TO15	

Project ID: 82 THROOP AVE BKLYN NY

Client ID: SG-2

Phoenix I.D.: BD79116

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	05/16/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	05/16/13	KCA	TO15	
Carbon Disulfide	0.79	*0.321*	2.46	*1.00*	05/16/13	KCA	TO15	
Carbon Tetrachloride	0.08	*0.040*	0.503	*0.25*	05/16/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	05/16/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	05/16/13	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	05/16/13	KCA	TO15	
Chloromethane	1.76	*0.484*	3.63	*1.00*	05/16/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/16/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/16/13	KCA	TO15	1
Cyclohexane	2.31	*0.291*	7.95	*1.00*	05/16/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	05/16/13	KCA	TO15	
Dichlorodifluoromethane	0.48	*0.202*	2.37	*1.00*	05/16/13	KCA	TO15	
Ethanol	808	*0.531*	1520	*1.00*	05/16/13	KCA	TO15	1
Ethyl acetate	19.2	*0.278*	69.1	*1.00*	05/16/13	KCA	TO15	1
Ethylbenzene	1.44	*0.230*	6.25	*1.00*	05/16/13	KCA	TO15	
Heptane	2.17	*0.244*	8.89	*1.00*	05/16/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	05/16/13	KCA	TO15	
Hexane	4.1	*0.284*	14.4	*1.00*	05/16/13	KCA	TO15	
Isopropylalcohol	25.3	*0.407*	62.2	*1.00*	05/16/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	05/16/13	KCA	TO15	
m,p-Xylene	4.39	*0.230*	19.0	*1.00*	05/16/13	KCA	TO15	
Methyl Ethyl Ketone	32.8	*0.339*	96.7	*1.00*	05/16/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	05/16/13	KCA	TO15	
Methylene Chloride	1.51	*0.288*	5.24	*1.00*	05/16/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	05/16/13	KCA	TO15	1
o-Xylene	1.74	*0.230*	7.55	*1.00*	05/16/13	KCA	TO15	
Propylene	54.9	*0.581*	94.4	*1.00*	05/16/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	05/16/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	05/16/13	KCA	TO15	
Tetrachloroethene	0.14	*0.037*	0.949	*0.25*	05/16/13	KCA	TO15	
Tetrahydrofuran	0.62	*0.339*	1.83	*1.00*	05/16/13	KCA	TO15	1
Toluene	3.22	*0.266*	12.1	*1.00*	05/16/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/16/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/16/13	KCA	TO15	
Trichloroethene	0.35	*0.047*	1.88	*0.25*	05/16/13	KCA	TO15	
Trichlorofluoromethane	0.56	*0.178*	3.14	*1.00*	05/16/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	05/16/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	05/16/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	104	*%*	104	*%*	05/16/13	KCA	TO15	

Project ID: 82 THROOP AVE BKLYN NY

Client ID: SG-2

Phoenix I.D.: BD79116

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

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 Quanitation) 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

May 21, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 21, 2013

FOR: Attn: Mr. Charles B. Sosik, P.G.
Environmental Business Consultants
1808 Middle Country Rd
Ridge NY 11961-2406

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		05/14/13	11:15
Location Code:	EBC	Received by:	SW	05/15/13	15:21
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBD79115
Phoenix ID: BD79117

Project ID: 82 THROOP AVE BKLYN NY
Client ID: SG-3

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*	05/16/13	KCA	TO15	1
1,1,1-Trichloroethane	0.21	*0.183*	1.14	*1.00*	05/16/13	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	05/16/13	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	05/16/13	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	05/16/13	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	05/16/13	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	05/16/13	KCA	TO15	
1,2,4-Trimethylbenzene	1.39	*0.204*	6.83	*1.00*	05/16/13	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	05/16/13	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	05/16/13	KCA	TO15	
1,3,5-Trimethylbenzene	0.46	*0.204*	2.26	*1.00*	05/16/13	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	05/16/13	KCA	TO15	
1,3-Dichlorobenzene	1.03	*0.166*	6.19	*1.00*	05/16/13	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/16/13	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	05/16/13	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	05/16/13	KCA	TO15	1
4-Ethyltoluene	0.39	*0.204*	1.92	*1.00*	05/16/13	KCA	TO15	1
4-Isopropyltoluene	0.41	*0.182*	2.25	*1.00*	05/16/13	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	1.65	*0.244*	6.76	*1.00*	05/16/13	KCA	TO15	
Acetone	1020	*0.421*	2420	*1.00*	05/16/13	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	05/16/13	KCA	TO15	
Benzene	0.85	*0.313*	2.71	*1.00*	05/16/13	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	05/16/13	KCA	TO15	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	05/16/13	KCA	TO15	

Project ID: 82 THROOP AVE BKLYN NY

Client ID: SG-3

Phoenix I.D.: BD79117

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromoform	ND	*0.097*	ND	*1.00*	05/16/13	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	05/16/13	KCA	TO15	
Carbon Disulfide	5.67	*0.321*	17.6	*1.00*	05/16/13	KCA	TO15	
Carbon Tetrachloride	0.05	*0.040*	0.314	*0.25*	05/16/13	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	05/16/13	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	05/16/13	KCA	TO15	
Chloroform	ND	*0.205*	ND	*1.00*	05/16/13	KCA	TO15	
Chloromethane	0.57	*0.484*	1.18	*1.00*	05/16/13	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/16/13	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/16/13	KCA	TO15	1
Cyclohexane	6.15	*0.291*	21.2	*1.00*	05/16/13	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	05/16/13	KCA	TO15	
Dichlorodifluoromethane	0.47	*0.202*	2.32	*1.00*	05/16/13	KCA	TO15	
Ethanol	473	*0.531*	891	*1.00*	05/16/13	KCA	TO15	1
Ethyl acetate	13.6	*0.278*	49.0	*1.00*	05/16/13	KCA	TO15	1
Ethylbenzene	1.67	*0.230*	7.25	*1.00*	05/16/13	KCA	TO15	
Heptane	2.77	*0.244*	11.3	*1.00*	05/16/13	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	05/16/13	KCA	TO15	
Hexane	4.58	*0.284*	16.1	*1.00*	05/16/13	KCA	TO15	
Isopropylalcohol	21.8	*0.407*	53.6	*1.00*	05/16/13	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	05/16/13	KCA	TO15	
m,p-Xylene	4.99	*0.230*	21.6	*1.00*	05/16/13	KCA	TO15	
Methyl Ethyl Ketone	106	*0.339*	312	*1.00*	05/16/13	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	05/16/13	KCA	TO15	
Methylene Chloride	1.18	*0.288*	4.10	*1.00*	05/16/13	KCA	TO15	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	05/16/13	KCA	TO15	1
o-Xylene	1.85	*0.230*	8.03	*1.00*	05/16/13	KCA	TO15	
Propylene	28	*0.581*	48.2	*1.00*	05/16/13	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	05/16/13	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	05/16/13	KCA	TO15	
Tetrachloroethene	0.32	*0.037*	2.17	*0.25*	05/16/13	KCA	TO15	
Tetrahydrofuran	8.45	*0.339*	24.9	*1.00*	05/16/13	KCA	TO15	1
Toluene	4.51	*0.266*	17.0	*1.00*	05/16/13	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/16/13	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/16/13	KCA	TO15	
Trichloroethene	0.06	*0.047*	0.322	*0.25*	05/16/13	KCA	TO15	
Trichlorofluoromethane	0.49	*0.178*	2.75	*1.00*	05/16/13	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	05/16/13	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	05/16/13	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	106	*%*	106	*%*	05/16/13	KCA	TO15	

Project ID: 82 THROOP AVE BKLYN NY

Client ID: SG-3

Phoenix I.D.: BD79117

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

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 Quanitation) 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

May 21, 2013

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

May 21, 2013

QA/QC Data

SDG I.D.: GBD79115

QA/QC Batch 231156, QC Sample No: BD79117 (BD79115, BD79116, BD79117)

Volatiles

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
1,1,1,2-Tetrachloroethane	ND	ND	103	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	97	1.09	1.14	0.2	0.21	4.9	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	95	6.83	7.22	1.39	1.47	5.6	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	96	2.11	2.41	0.43	0.49	13.0	70 - 130	20
1,3-Butadiene	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	94	6.19	6.79	1.03	1.13	9.3	70 - 130	20
1,4-Dichlorobenzene	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	101	1.87	2.41	0.38	0.49	25.3	70 - 130	20
4-Isopropyltoluene	ND	ND	92	1.97	2.36	0.36	0.43	17.7	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	93	6.76	6.55	1.65	1.6	3.1	70 - 130	20
Acetone	ND	ND	81	1200	1200	507	504	0.6	70 - 130	20
Acrylonitrile	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	105	2.71	3.00	0.85	0.94	10.1	70 - 130	20
Benzyl chloride	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	113	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	87	17.6	18.4	5.67	5.9	4.0	70 - 130	20
Carbon Tetrachloride	ND	ND	100	0.314	0.314	0.05	0.05	0.0	70 - 130	20
Chlorobenzene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
Chloromethane	ND	ND	105	1.18	1.38	0.57	0.67	16.1	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	105	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	108	21.2	22.2	6.15	6.45	4.8	70 - 130	20
Dibromochloromethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	98	2.37	2.37	0.48	0.48	0.0	70 - 130	20
Ethanol	ND	ND	105	876	883	465	469	0.9	70 - 130	20

QA/QC Data

SDG I.D.: GBD79115

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	100	49.0	50.8	13.6	14.1	3.6	70 - 130	20
Ethylbenzene	ND	ND	108	7.25	7.68	1.67	1.77	5.8	70 - 130	20
Heptane	ND	ND	86	11.3	11.5	2.77	2.8	1.1	70 - 130	20
Hexachlorobutadiene	ND	ND	82	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	105	16.1	17.3	4.58	4.92	7.2	70 - 130	20
Isopropylalcohol	ND	ND	93	53.6	55.0	21.8	22.4	2.7	70 - 130	20
Isopropylbenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	103	21.6	22.4	4.99	5.17	3.5	70 - 130	20
Methyl Ethyl Ketone	ND	ND	101	295	292	100	98.9	1.1	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	83	4.10	3.99	1.18	1.15	2.6	70 - 130	20
n-Butylbenzene	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
o-Xylene	ND	ND	100	8.03	8.33	1.85	1.92	3.7	70 - 130	20
Propylene	ND	ND	108	48.2	50.2	28	29.2	4.2	70 - 130	20
sec-Butylbenzene	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	108	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	95	2.44	2.24	0.36	0.33	8.7	70 - 130	20
Tetrahydrofuran	ND	ND	117	24.9	25.6	8.45	8.68	2.7	70 - 130	20
Toluene	ND	ND	97	17.0	16.6	4.51	4.4	2.5	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	99	0.430	0.322	0.08	0.06	28.6	70 - 130	20
Trichlorofluoromethane	ND	ND	89	2.92	2.75	0.52	0.49	5.9	70 - 130	20
Trichlorotrifluoroethane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	95	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	72	72	99	106	106	106	106	0.0	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
May 21, 2013

Tuesday, May 21, 2013

Requested Criteria: None

State: NY

Sample Criteria Exceedences Report

GBD79115 - EBC

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** 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.

PHOENIX Environmental Laboratories, Inc.

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CHAIN OF CUSTODY RECORD
AIR ANALYSES

800-827-5426

email: greg@phoenixlabs.com

P.O. #

Page 1 of 1

Data Delivery:
- ☐ Fax #:
- ☒ Email: csosika@ebcinerg.com
- ☐ Phone #:

Report to: EBC

Customer: EBC

Address: Ridge NY

Invoice to: BBC

Sampled by: NW

Project Name: 82 Throop Ave Bklyn NY

Criteria Requested: Deliverable: RCP ☐ MCP ☐

State where samples collected: NY

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-14	TO-15
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
79115	SG-1	834	1.4	-30	-5	2870	10	1128	1334	5/14	-30	-8		X			X
79116	SG-2	809	↓	↓	-6	5647	↓	1125	1336	↓	-30	-8		X			X
79117	SG-3	760	↓	↓	-3	5660	↓	1115	1220	↓	-28	-4		X			X
	1.4L 2hr																

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]		
[signature]	[signature]	5-15-13	11:10
[signature]	Paradice	5-15-13	1521

Data Format: Excel ☒ Equis ☐ GISKey ☐ PDF ☒ Other: ☐

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

Quote Number:

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Date: