335 GRAND CONCOURSE

BRONX, NEW YORK

Remedial Investigation Report

OER Project Number: 14EHAN453X

Prepared for:

GCH, LLC

335 Grand Concourse, Bronx, New York 10451

asas27@aol.com

Prepared by:

ESPL Environmental Consultants Corporation

2 West 32nd Street

mail@espl.com

212-330-7501

June 2014

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

FIGURES

List of Figures

APPENDICES

List of Appendices

- Appendix A – Figures
- Appendix B – Tabulated Results
- Appendix C - Phase 1 Report
- Appendix D - Health and Safety Plan
- Appendix E - Soil Boring Geologic Logs
- Appendix F – Monitoring Well Log
- Appendix G - Laboratory Data Deliverables for Soil, Groundwater and Soil Vapor

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, Ray Kahn, 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 335 Grand Concourse Site, (NYC VCP Site No. site number). 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.

Ray Kahn

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 335 Grand Concourse in the Mott Haven section in Bronx, New York and is identified as Block 2345 and Lot 1 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 4937-square feet and is bounded by East 144th Street to the north, East 140th Street to the south, Grand Concourse to the east, and Walton Avenue to the west. A map of the site boundary is shown in Figure 3. Currently, the Site is used for an auto repair shop and contains a one- story building with no basement and four service bays.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of nine story hotel with a slab on grade. Layout of the proposed site development is presented in Figure 2. The current zoning designation is C6-2A which is a commercial/residential district. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Based on the available Sanborn Maps dated from 2005 to 1891, the Site was developed after 1908 for use as a garage with 2-550 gallon USTs. From at least 1944 to 1981, the site was a filing station with 5 gas tanks and from 1984-2007 the site was listed as an auto repair without filing stations. Prior to October of 1980 the site was deeded to Texaco Inc. and in September of 2012 the site was deeded to GCH LLC,335 Grand Concourse from Enrique Pita.

The AOCs identified for this site include:

1. Area A – the area of the fill ports and where the anomalies were detected by the GPR. (SB-1)
2. Area B – historical fill conditions. (SB-2)

3. Area C - the proposed area where the elevator pit is to be installed. (SB-5, MW-1, SVP-2)
4. Area D – the area of the AST (SB-4, SVP-3)

Summary of the Work Performed under the Remedial Investigation

ESPL performed the following scope of work:

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

Summary of Environmental Findings

1. Fairly flat with slight pitch from west to east
2. Depth to groundwater at the Site is 5 feet.
3. Since there was only one monitoring well installed on site, the exact groundwater flow direction is unknown, however, following the surface grade, groundwater will most probably flows from north west to south east.
4. Depth to bedrock is approximately 3 to 6 feet at the Site.
5. The stratigraphy of the site, from the surface down, consists of three feet of recycled concrete aggregate (RCA) and bedrock below.

6. Soil samples collected during remedial investigation were compared to the 6NYCRR Part 375-6.8 Track 1 - Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Track 2 - Restricted Residential Soil Cleanup Objectives (RRSCOs). Soil/fill samples showed no VOC or PCBs detected above Unrestricted Use and Restricted Residential Use SCOs. One SVOC, benzo(b)fluoranthene at a concentration 1,100 ppb was detected above Unrestricted and Restricted Residential SCOs in one one sample. Metals including copper (max. of 491 ppm), mercury (max. of 0.19 ppm), zinc (max. of 457 ppm), nickel (max. of 110 ppm) and lead (max. of 308 ppm) exceeded their respective Unrestricted Use SCOs. Of these metals, copper also exceeded Restricted Residential Use SCOs. Pesticides including 4,4' –DDT at a concentration of 29 ppb and 4,4' –DDE at a concentration of 11 ppb, exceeded Unrestricted Use SCOs in one sample, well below its Restricted Residential SCOs. Overall, soil chemistry is unremarkable and does not indicate any disposal condition.

7. Groundwater sample collected during the RI was compared to NYSDEC Part 703.5 Groundwater Quality Standards (GQS). Groundwater results showed no VOC, SVOCs, PCBs or pesticides at detectable concentrations. Several dissolved metals were identified, but only iron exceeded its GQSs. The RI results indicate that groundwater has not been impacted by site conditions.

8. Soil vapor samples collected during the RI was compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion. Several petroleum related and chlorinated VOCs were detected in soil vapor samples collected during the RI . Soil vapor samples showed petroleum related and associated derivatives in all three soil vapor samples. Highest reported concentrations were for acetone (1010 $\mu g/m^3$), 1,3,5-Trimethylbenzene (590 $\mu g/m^3$), and p-&m- xylene (1010 $\mu g/m^3$). Petroleum related VOCs included BTEX compounds that were found throughout the Site, with the highest concentration at 1,160 ug/m^3. Chlorinated VOCs including tetrachloroethylene (PCE) was detected in all three of the soil vapor samples at a maximum concentration of 53 ug/m^3. Trichloroethylene was also detected in all three of the soil vapor samples at a maximum concentration of 39.1 ug/m^3. Carbon Tetrachloride was detected in all three of the soil vapor samples at a maximum concentration of 22.6

ug/m^3. TCA was not detected. TCE concentrations are above the monitoring level range established by NYSDOH guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

GCH LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.11-acre site located at 335 Grand Concourse in Mott Haven section of Bronx, New York. A nine story hotel is proposed for the property. The RI work was performed between April 29, 2014 and May 15, 2014. 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 335 Grand Concourse in the Mott Haven section in Bronx, New York and is identified as Block 2345 and Lot 1 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 4,937-square feet and is bounded by East 144th Street to the north, 140th Street to the south, Grand Concourse to the east, and Walton Avenue to the west. A map of the site boundary is shown in Figure 3. Currently, the Site is used for an auto repair shop and contains a one- story building with no basement and four service bays.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of nine story hotel with a slab on grade. Layout of the proposed site development is presented in Figure 2. The current zoning designation is C6-2A which is a commercial/residential district. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The surrounding area is a mixed commercial and residential. The zoning for the surrounding area is C6-2A, M1-4/R6A, C4-4 and M1-2. To the north there is the All-City Corporate Transportation, which is mainly offices, the south is LMC Car Wash and Lube, the east is a mix of auto repair shops, medical care and rehabilitation, and NY Taxi Equipment and Upholstery and to the west are several multi-story commercial buildings.

Figure 1 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based on the available Sanborn Maps dated from 2005 to 1891, the Site was developed after to 1908 for use as a garage with 2-550 gallon USTs. From at least 1944 to 1981, the site was a filing station with 5 gas tanks and from 1984-2007 the site was listed as an auto repair without filing stations. Prior to October of 1980 the site was deeded to Texaco Inc. and in September of 2012 the site was deeded to GCH LLC,335 Grand Concourse from Enrique Pita.

2.2 Previous Investigations

The Phase I report was prepared by Hydro Tech Environmental Corp. for Mr. Sanjay Patel dated February 3, 2012. This Phase I identified five recognized environmental conditions (RECs):

1. The suspected presence of USTs in the southern service bay.
2. The presence of in-ground hydraulic lifts.
3. The presence of significant petroleum staining atop the asphalt in poor condition.
4. The presence of E-Designation.
5. The former use of the property as a gasoline station.

The Phase II Environmental Site Assessment was prepared by Hydro Tech Environmental Corp. for Mr. Sanjay Patel dated March 27, 2012.

1. Elevation of the property above mean sea level is approximately 50 feet.
2. Depth to groundwater ranges from 10 to 20 feet below grade at the Site.
3. Groundwater flow is generally southwest to the Harlem River beneath the Site.
4. Soil/fill samples collected during the Phase II Investigation were analyzed for VOC and SVOCs only. Seven SVOCs were detected within the shallow samples collected from the historic fill layer, from 2-4 feet, at concentrations above their Track 2 Restricted Residential SCOs. These SVOCs were all PAH compounds and their concentrations and distribution indicate that they are associated with historic fill material observed in shallow samples.

5. Groundwater samples collected during the Phase II Investigation were analyzed for VOC and SVOCs only. The only VOC identified in groundwater was cis-1,2-dichloroethane, hexachlorobutadiene, and toluene, which was identified below its GQS. Only Hexachlorobutadiene was detected above its GQS at 3.58 ug/l. The only SVOC identified in groundwater was 2,4-diniyrotoluene at 12.5 ug/l, above the GQS. The RI indicates that groundwater is not impacted by site conditions and that the water encountered may be perched water since the VOC and SVOC encountered were not identified in any soil samples.

A geophysical survey was conducted at the site and several anomalies were encountered at the site suggesting the presence of underground storage tanks. A UST Closure Affidavit, dated January 21, 2014 by Mercury Tank & Pump Services, Inc. indicated the closure and removal of twelve 550 gallon USTs from the site.

UST Closure Affidavit dated January 21, 2014, prepared by Mercury Tank & Pump Services, Inc. indicated that twelve 550 gallon UST had been removed from the site.

2.3 Site Inspection

The visual inspection of the subject site revealed evidence of chemical/petroleum staining within several areas of the shop. Based on the finding of the Phase I ESA, Sanborn maps, GPR Survey, and the joint site inspection with the office of OER the areas of concern were identified. Using the site background and the neighboring sites, the number of soil, groundwater and soil vapor samples were identified.

2.4 Areas of Concern

The AOCs identified for this site include:

1. Area A – the area of the fill ports and where the anomalies were detected by the GPR. (SB-1)
2. Area B – historical fill conditions. (SB-2)
3. Area C - the proposed area where the elevator pit is to be installed. (SB-5, MW-1, SVP-2)
4. Area D – the area of the AST (SB-4, SVP-3)

Phase 1 Report is presented in Appendix C. A map showing areas of concern is presented in Figure 3.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Ray Kahn, P.E..

3.2 Health and Safety

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

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

ESPL performed the following scope of work:

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

4.1 Geophysical Investigation

A geophysical survey was not performed since it was previously conducted as part of the Phase II Environmental Site Assessment in March of 2012 by Hydro Tech Environmental, Corp.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

Soil borings were installed utilizing a auger rig outfitted with a macro-core sampler and dedicated acetate liners. Soils were collected continuously from ground surface to 3 feet bgs. Soils were field-screened for the presence of VOCs using a PID and were visually inspected for evidence of contamination. No elevated PID readings or visual/ olfactory evidence of contamination were identified. Drilling equipment (i.e., split spoon samplers, rods, etc.) and non-dedicated sampling equipment was thoroughly washed with Alconox and water, using a brush to remove particulate matter or surface film, followed by a thorough rinsing with tap water, followed by a distilled water rinse and allowed to air dry before commencement of drilling activities and between boring locations and sampling intervals. Soil samples at each boring location were collected in 2’ intervals from grade to final termination depth of each boring.

Boring logs were prepared by a geotechnical engineer are attached in Appendix E. A map showing the location of soil borings and monitor wells is shown in Figure 3.

Groundwater Monitoring Well Construction

A permanent 2-inch diameter monitoring well with a 10-feet of screen was deployed from 17 feet bgs were installed at the location shown as MW-1 in Figure 3, and the casing extended from the screen to grade. Sand pack was installed in the annular space from about one foot below the bottom of the monitoring well to approximately one to three feet above the top of the well screen. The annulus was then filled with bentonite slurry. Concrete slurry mix was used from the top of the bentonite seal to install the flush mounted locking steel casing. Monitor well locations are shown in Figure 3.

Survey

The following table indicates the location of the soil boring, monitoring wells and soil vapor probes.

Table for Construction Details for Soil Borings and Monitoring Wells

	Identification Number	Date of construction	Total Depth (feet)	Diameter (inch)	Screened interval (Elevation Range feet)	Construction Material (PVC, steel, etc)	GPS Coordinates
Soil Borings	SB-1	4-29-2014	4	2	N/A	N/A	12’E,12’S
	SB-2	4-29-2014	4	2	N/A	N/A	22’E,68’S
	SB-3	4-29-2014	4	2	N/A	N/A	42’E,48’S
	SB-4	4-29-2014	4	2	N/A	N/A	45’E,14’S
	SB-5	4-29-2014	4	2	N/A	N/A	24’E,32’S
Monitor Wells	MW-1	5-15-2014	17	2	0-7 Solid Riser 7-17 screen	PVC	30’E,40’S

Water Level Measurement

An oil/water interface probe, cotton string and disposable bailers were used to detect the presence of any floating products as well as water level measurement in the well. The well was then purged using a peristaltic pump with dedicated polyethylene tubing. Three to five well casing volumes of standing water were removed from each well until the turbidity was cleared prior to sample collection. Water level data is included in Section 5.1.

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

The soil borings were advanced to a maximum depth of 3 feet bgs using an auger rig. Soil samples were collected directly from two-foot macro-core samplers. The visual inspection of the samples was immediately performed and field logs were prepared. All samples were screened using handheld MiniRAE 2000 and the readings were logged. Discrete grab soil samples from the sampling interval 2-3 feet bgs were collected. Samples were placed into laboratory supplied sample bottles, labeled and stored on site in a cooler. One soil sample from each boring was submitted to a NYSDOH ELAP-certified laboratory for analysis. The soil samples were analyzed for the presence of Volatile Organic Compounds (VOC) using EPA Method 8021/8260, Semi-volatile Organic Compounds (SVOC) using EPA Method 8270, Metals using EPA Method 6010, Pesticides using EPA Method (8081) and Polychlorinated Biphenyls (PCBs) using EPA Method 8082. Soil analytical results were compared to NYSDEC's Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted Residential Use SCOs.

Five 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 1-5. Figure 3 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

ESPL collected one (1) groundwater sample from borings MW-1 using a peristaltic pump on May 15, 2014. Non-dedicated sampling equipment was decontaminated prior to the collection of each sample. Following stabilization of the field parameters, groundwater was carefully poured from the discharge tubing into laboratory-supplied sample containers. Groundwater sample was labeled, and analyzed for the presence of VOC, SVOC, TAL Metals PCBs, and Pesticides. The groundwater sample analytical results were compared to the NYSDEC Class GA Groundwater Quality Standards, Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, (NYSDEC, June 1998).

One groundwater sample was collected for chemical analysis during this RI. Groundwater sample collection data is reported in Tables 6-10. Sampling logs with information on purging and sampling of groundwater monitor well is included in Appendix F. Figure 3 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

The soil vapor probes were advanced utilizing a drill to a depth of 3 feet bgs. The soil vapor probe consisted of a 1/8" diameter polyethylene tubing to the surface and was sealed at grade with a cement-bentonite mixture. A helium enriched atmosphere was created in the immediate vicinity of the area where the probe intersects the ground surface. The tracer gas (helium) was utilized during purging and sampling collection activities to serve as a quality assurance/quality control measure to verify the integrity of the soil vapor probe seal, and that adequate sampling technique are being implemented. 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 four 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.

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 3. Soil vapor sample collection data is reported in Table 11. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

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 Margaret Tavares
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were Phoenix Environmental Laboratories, Inc.
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..

Analytical Methods Summary Table

Matrix	Number of Samples	Analytical parameters measured	Analytical methods	Number of duplicate samples	Number and type of QA/QC samples
Soil	5	TAL Metals VOCs SVOCs Pesticides PCBs	EPA Method 6010C EPA Method 8260C EPA Method 8270D EPA Method 8081B EPA Method 8082A	0	0
Groundwater	1	TAL Metals VOCs SVOCs Pesticides PCBs	EPA Method 6010C EPA Method 8260C EPA Method 8270D EPA Method 8081B EPA Method 8082A	0	1
Soil vapor	3	VOCs	TO-15 VOC	0	0

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 1-11, respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix G.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The lithologic description of the sediments from soil borings advanced during this investigation at the site identifies heterogeneous RCA across most of the site mixed with silty sand with rock fragments to a depth of 4 feet bgs.

Hydrogeology

A table of water level data for all monitor wells is included below. The average depth to groundwater is 4.3 fbgs.

Table for Groundwater Level Data

Monitoring Well ID No.	Date	Water Elevation
MW-1	5/15/2014	4.3 fbgs

5.2 Soil Chemistry

Soil samples collected during remedial investigation were compared to the 6NYCRR Part 375-6.8 Track 1 (Unrestricted Use SCOs) and Track 2 (Restricted Residential SCOs). Soil/fill samples showed no VOC or PCBs detected above Unrestricted and Restricted Residential SCOs. One SVOC, benzo(b)fluoranthene (max. concentration 1,100 ppb) was detected above Unrestricted and Restricted Residential SCOs in one sample, SB1 (2-3) collected from Area A, the area where the fill ports were encountered. Metals including copper (max. concentration 491 ppm), mercury (max. concentration 0.19 ppm), zinc (max. concentration 457 ppm), nickel (max. concentration 110 ppm) and lead (max. concentration 308 ppm) exceeded their respective Unrestricted Use SCOs. Of these metals, copper also exceeded Restricted Residential Use SCOs.. Pesticides including 4,4' –DDT (max. concentration 29 ppb) and 4,4' –DDE (max. concentration 11 ppb) , exceeded Unrestricted Use SCOs in one sample, well below its Restricted Residential SCOs.

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 1-5. Figure 4 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater sample collected during the RI was compared to NYSDEC Part 703.5 Groundwater Quality Standards (GQS). Groundwater results showed no VOC, SVOCs, PCBs or pesticides at detectable concentrations. Several metals were identified, but only iron exceeded its GQS in dissolved water samples. The RI indicates that groundwater has not been impacted by site conditions.

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 6-10. Exceedaence of applicable groundwater standards are shown.

Figure 4 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples showed petroleum related and associated derivatives in all three soil vapor samples. BTEX compounds were found throughout the Site, with the highest concentration at 1,160 ug/m^3. Highest reported concentrations were for acetone (1010 µg/m^3), 1,3,5-Trimethylbenzene (590 µg/m^3), and p-&m- xylene (1010 µg/m^3). Chlorinated hydrocarbons were detected in all three soil vapor samples. Tetrachloroethylene (PCE) was detected at a maximum concentration of 53 µg/m^3 and trichloroethylene (TCE) was detected at a maximum concentrations of 9.9 µg/m^3. Carbon tetrachloride was detected at 22 µg/m^3 and TCA was not detected in soil vapor samples. TCE concentrations are above the monitoring level range established by NYSDOH guidance matrix.

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

5.5 Prior Activity

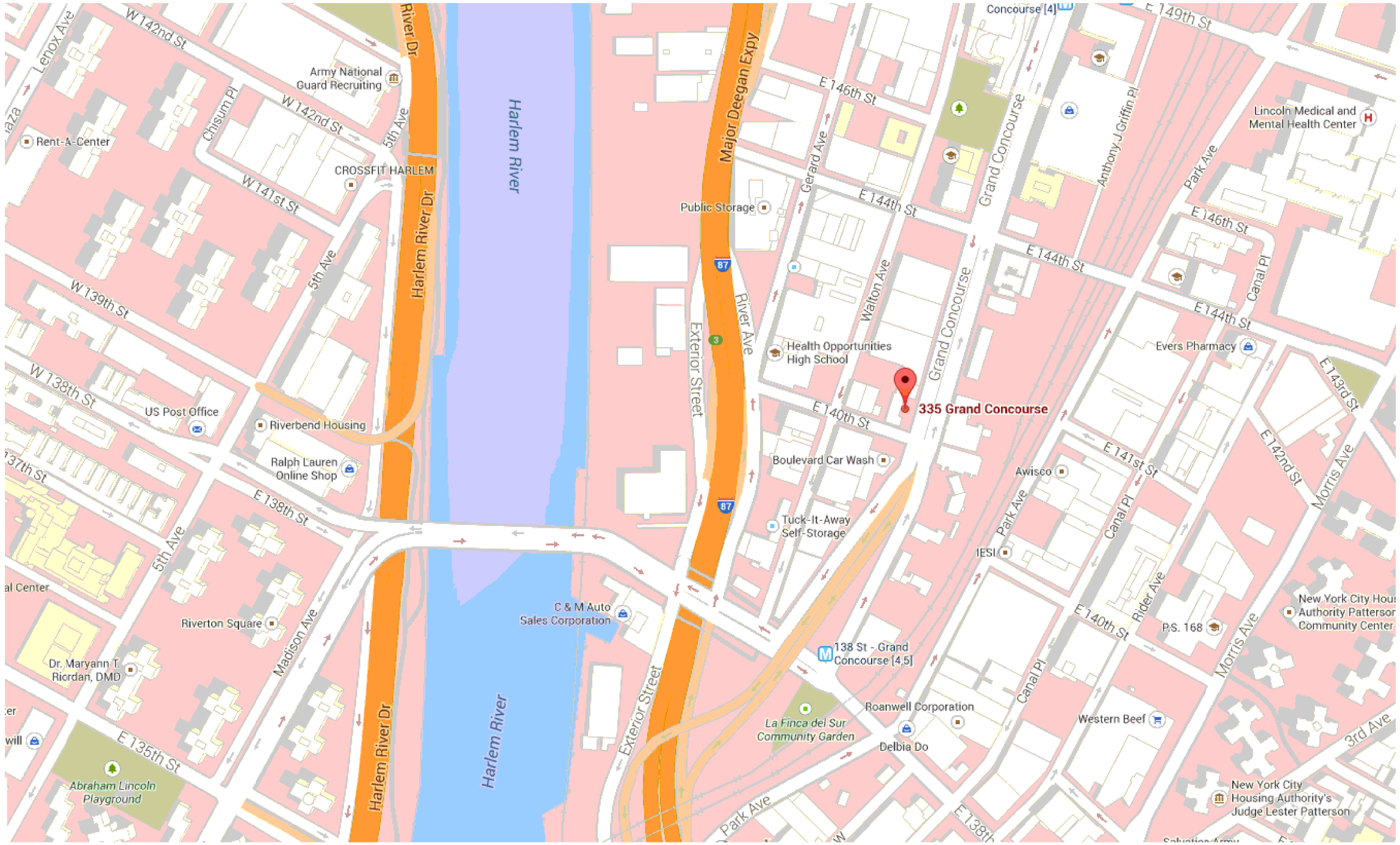
Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

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

Appendix A

Maps & Figures



ESPL Environmental Consultants Corp. Address: 2 West 32nd Street NY 10001 Tel: 212-363-ESPL Email: mail@espl.com www.espl.com	Sheet Title: Site Location Map	Project #: 131-3	Scale: As Shown	**Figure 1**
	Client & Location: GCH, LLC 335 Grand Concourse, Bronx NY	Date: May 15, 2014	Drawn By: T.H.	

83.15'

ZONE : C6-2A, FAR : C :6.0

MAX: 4,945 SF.X 6 =29,670 SF.
MIN. BASE HT.:60'
MAX. BASE HT.:85'
LOT : 4,945 SF.
HEIGHT : MAX. BLDG. HT.:120'

SETBACK: 10' ON WIDE ST.,15' ON NARROW ST.

TOTAL : 80 GUEST ROOMS, 3 PARKING SPACES
1F: 3 RMS (2 H.C. SUITE)
2F~6F: 10X5=50 RMS
7F~9F: 9X3=27 RMS (3 H.C. SUITE)

EAST 140TH. STREET

60.48'

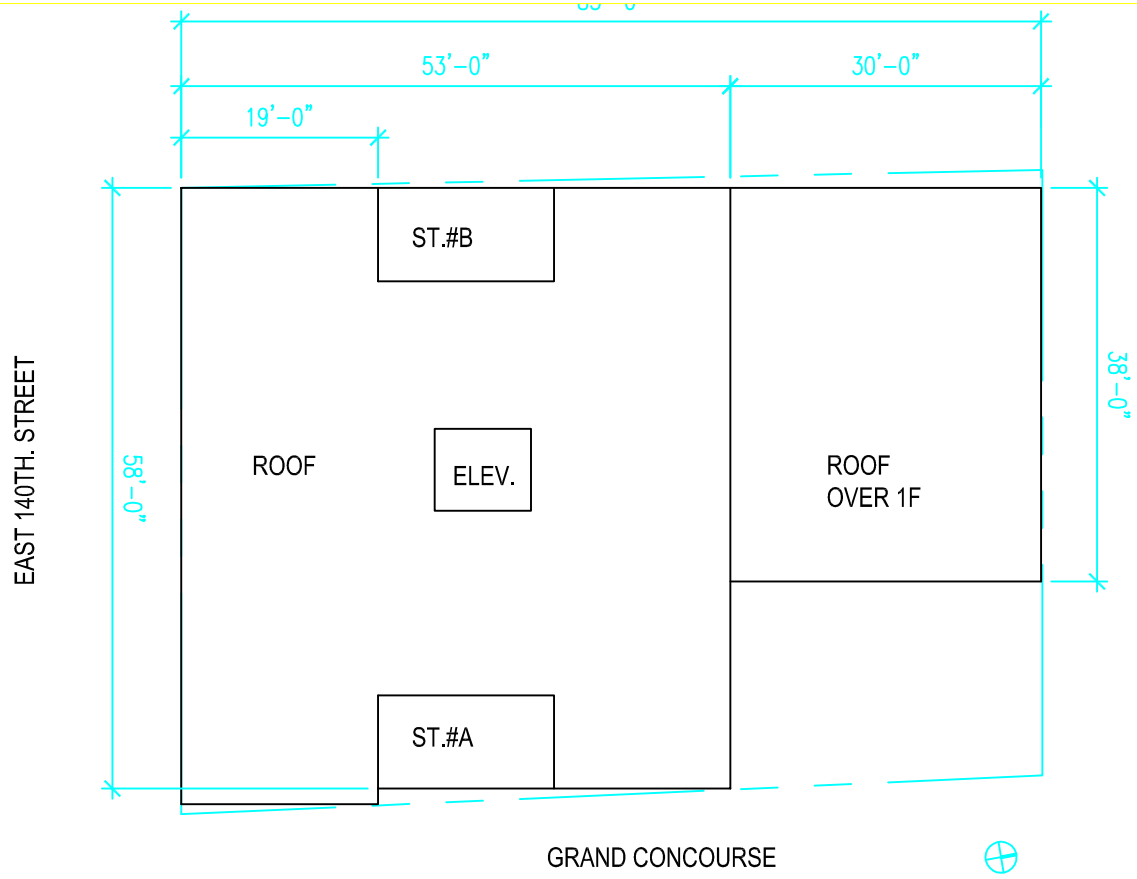
58.49'

83.22'

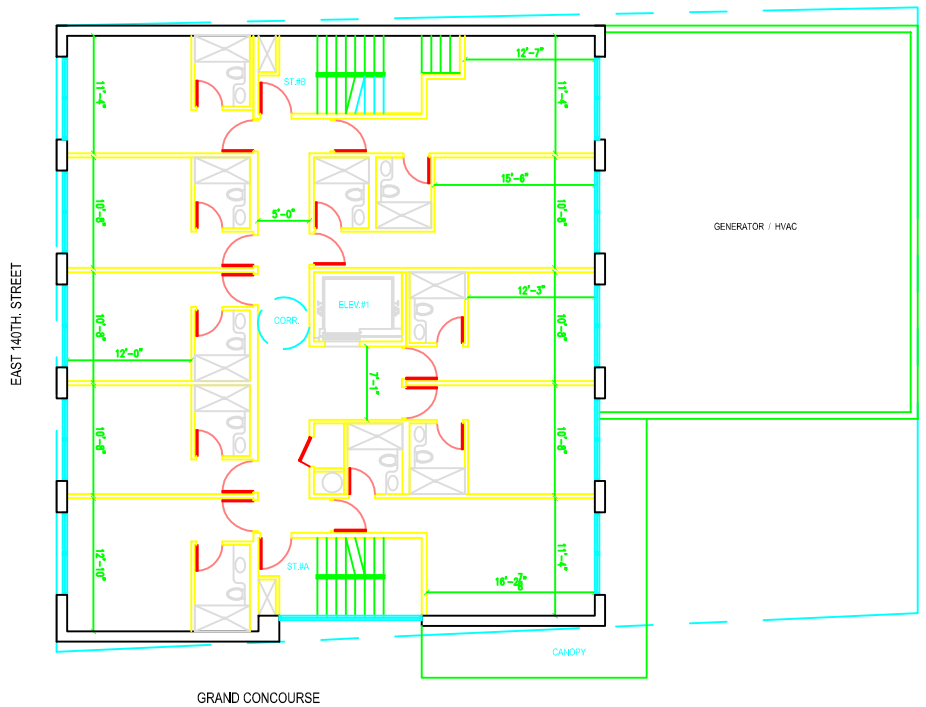
GRAND CONCOURSE

ESPL Environmental Consultants Corp.
Address: 2 West 32nd Street
NY 10001 Tel: 212-363-ESPL
Email: mail@espl.com www.espl.com

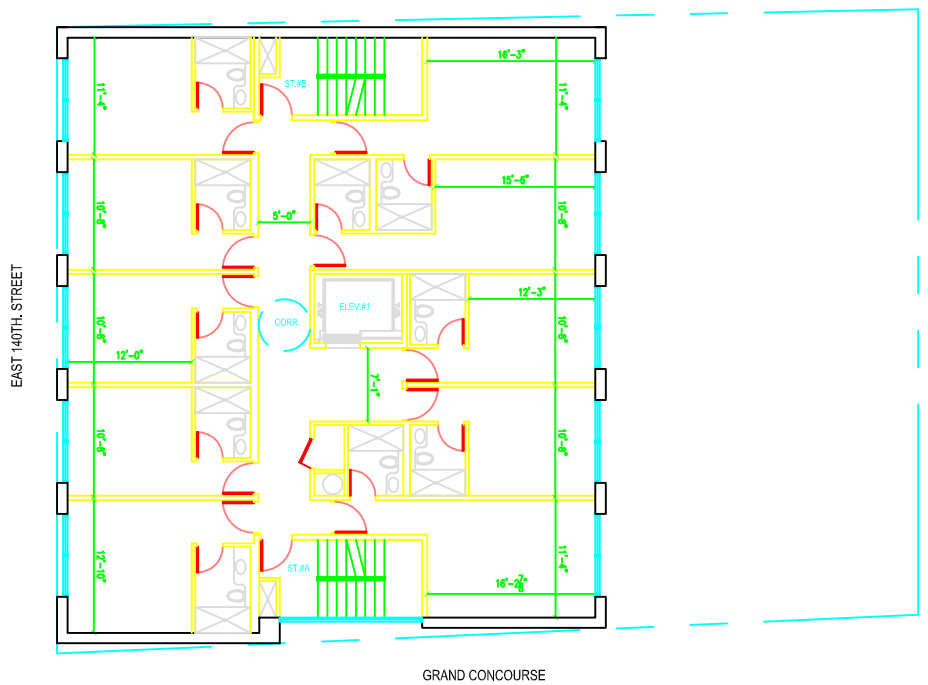
Sheet Title:	Site Re-Development Plan Map	Project #: 132-3	Scale: As Shown	**Figure 2.0**
Client & Location:	GCH, LLC 335 Grand Concourse, Bronx, NY	Date: May 15,2014	Drawn By: T.H.	



Floor "1"



Floor "2"

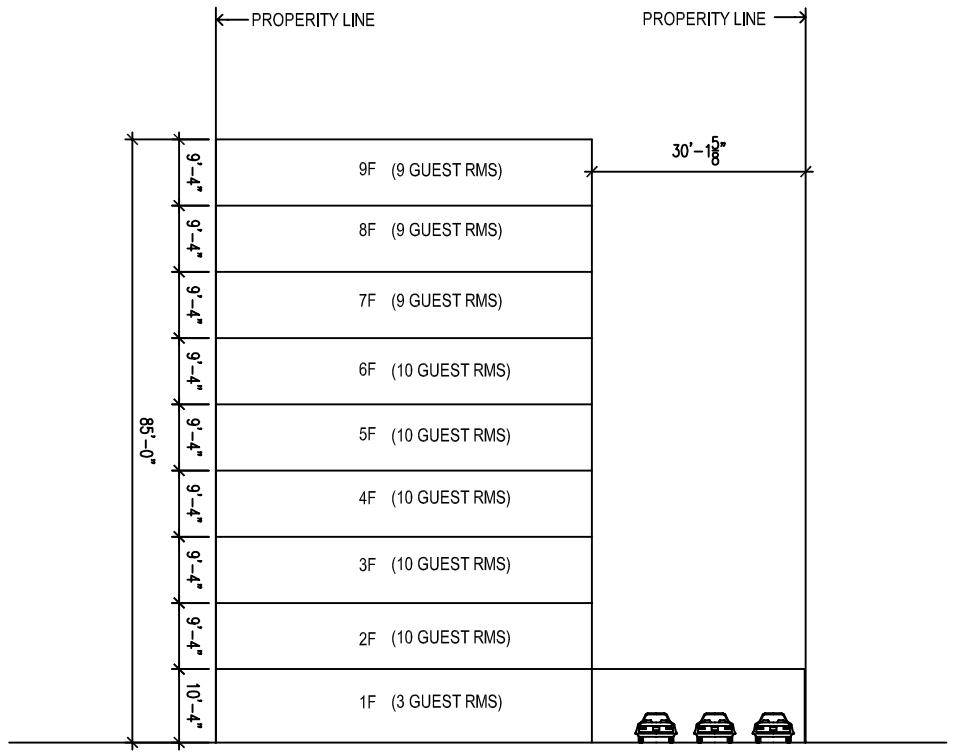


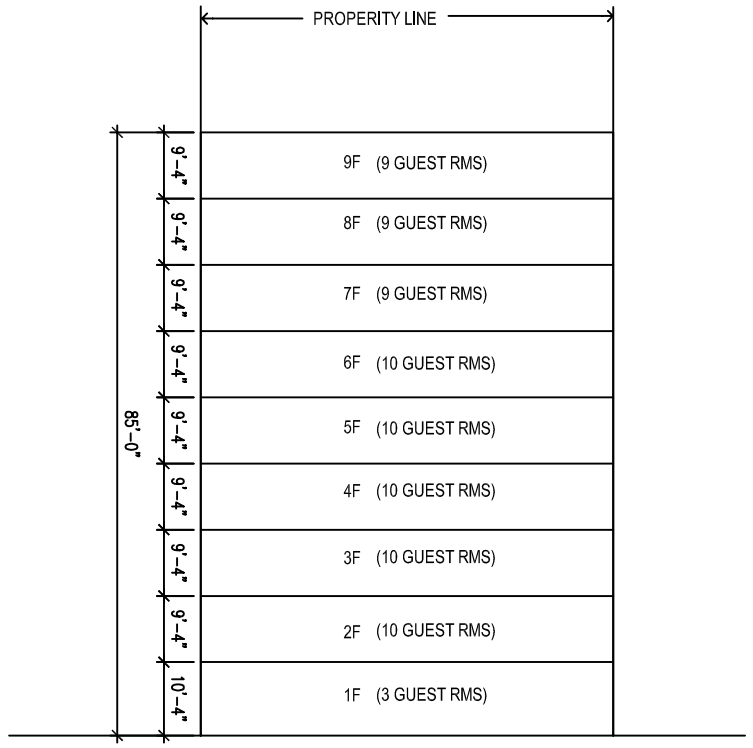
Floors "3-6"

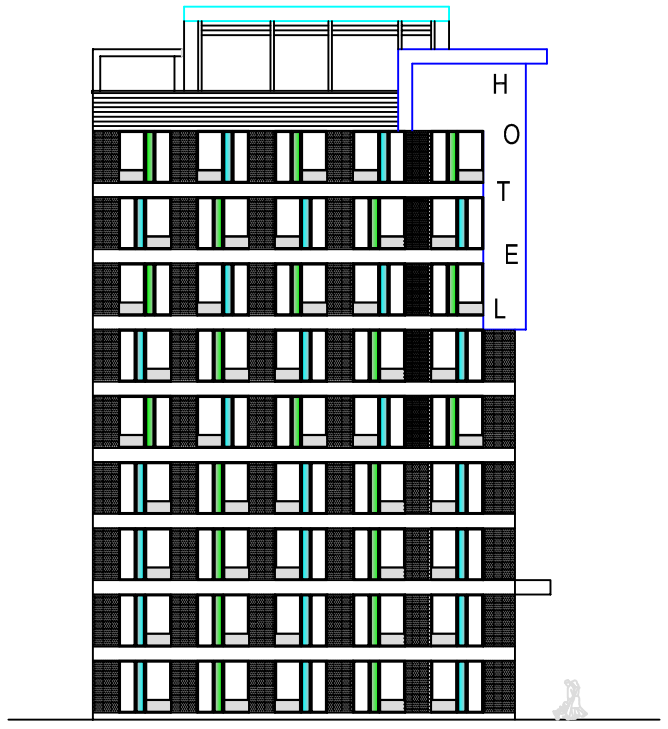
ESPL Environmental Consultants Corp.
Address: 2 West 32nd Street
NY 10001 Tel: 212–363–ESPL
Email: mail@espl.com www.espl.com

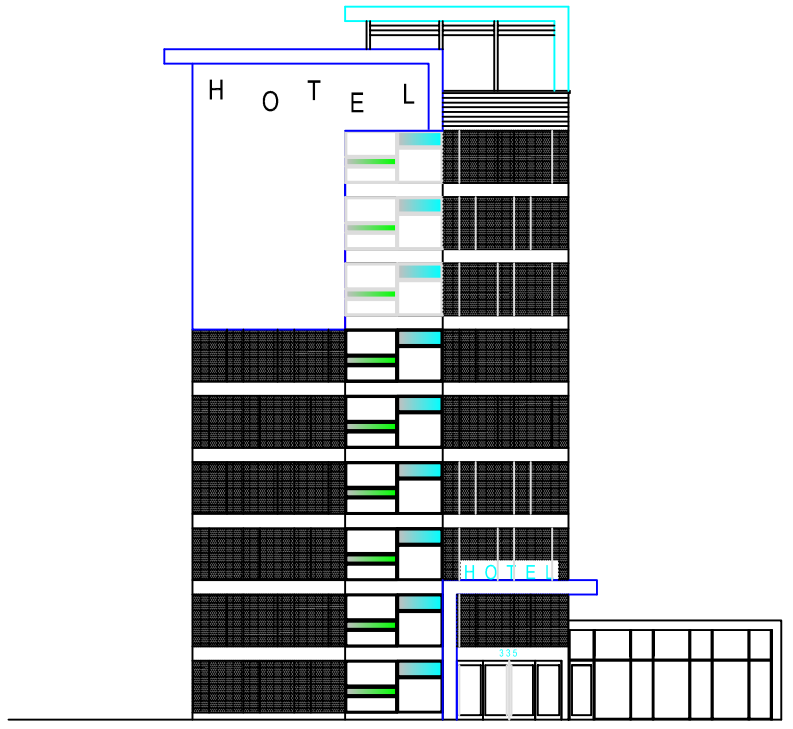
Sheet Title:	Site Re–Development Plan	Project #:	131–3	Scale: As Shown
Client & Location:	GCH, LLC 335 Grand Concourse, Bronx, NY	Date:	May 15,2014	Drawn By: T.H.

Figure 2.1



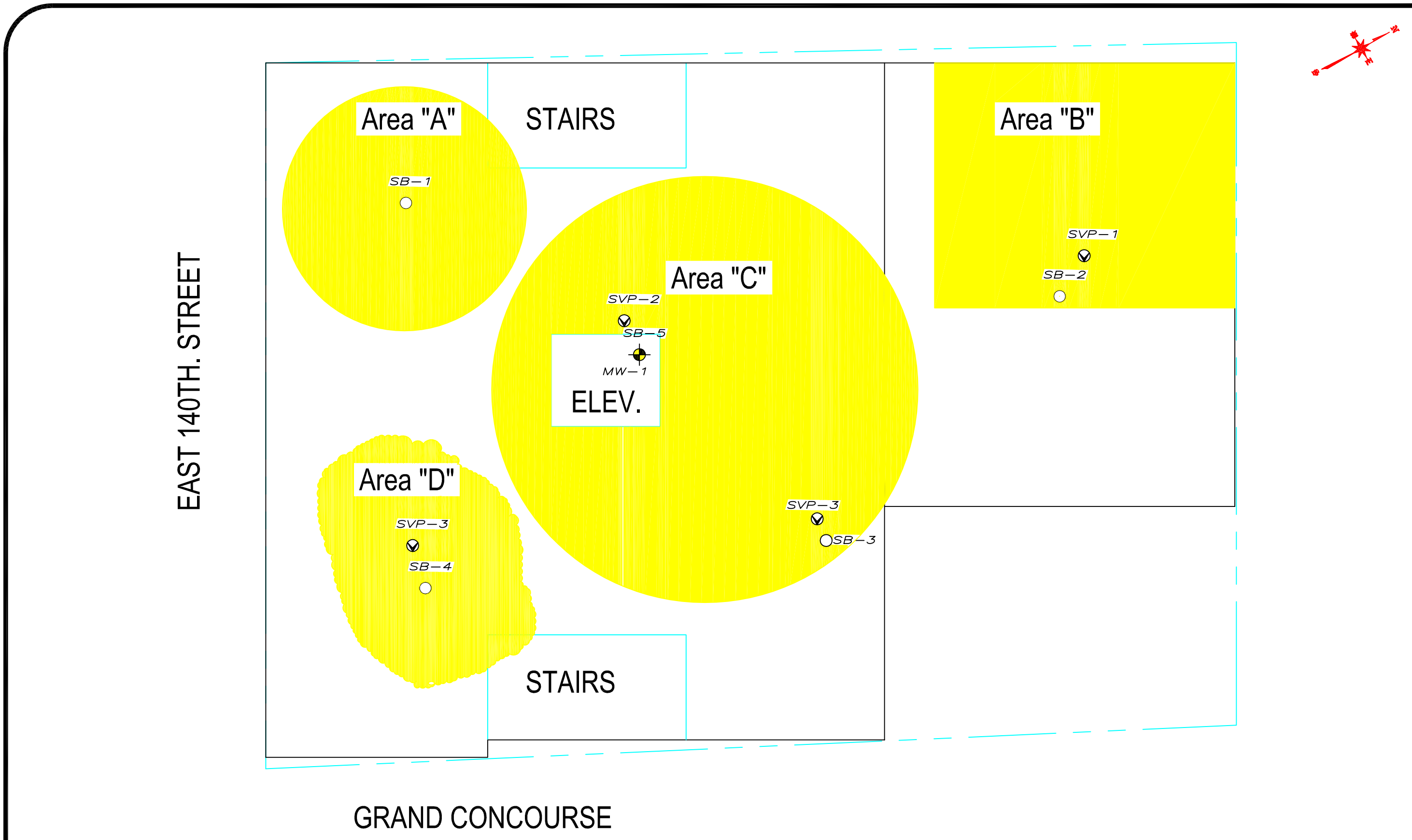






ESPL Environmental Consultants Corp.
Address: 2 West 32nd Street
NY 10001 Tel: 212-363-ESPL
Email: mail@espl.com www.espl.com

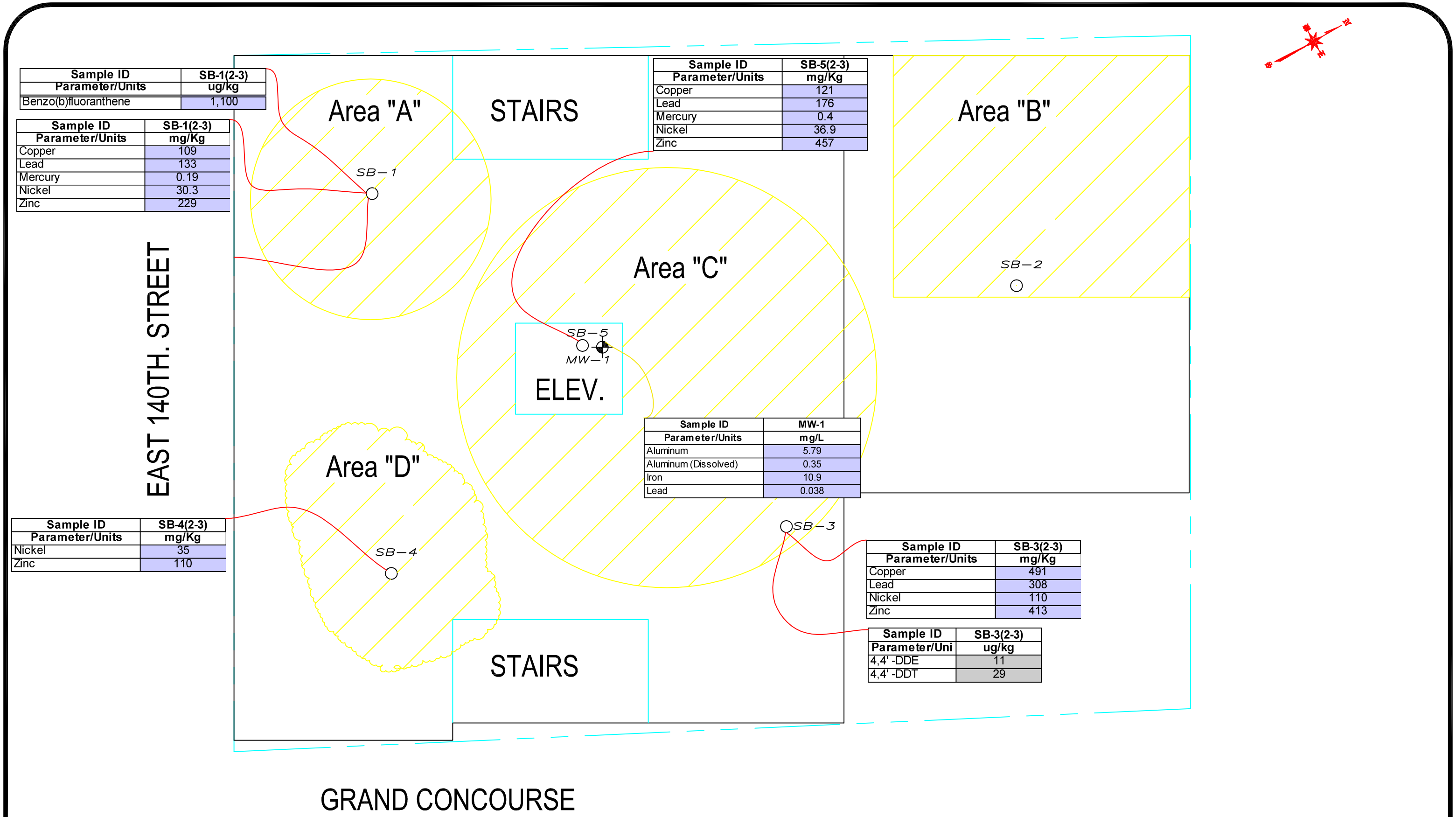
Sheet Title:	Site Re-Development Plan Map	Project #: 131-3	Scale: As Shown	**Figure 2.2**
Client & Location:	GCH, LLC 335 Grand Concourse, Bronx, NY	Date: May 15,2014	Drawn By: T.H.	



ESPL Environmental Consultants Corp.

Address: 2 West 32nd Street
NY 10001 Tel: 212–363–ESPL
Email: mail@espl.com www.espl.com

Sheet Title:	Map of Areas of Concern & Sampling Location Map	Project #: 131–3	Scale: As Shown	**Figure 3**
Client & Location:	GCH LLC 335 Grand Concourse, Bronx NY	Date: May 15,2014	Drawn By: T.H.	



Sample ID	SB-1(2-3)
Parameter/Units	ug/kg
Benzo(b)fluoranthene	1,100

Sample ID	SB-1(2-3)
Parameter/Units	mg/Kg
Copper	109
Lead	133
Mercury	0.19
Nickel	30.3
Zinc	229

Sample ID	SB-5(2-3)
Parameter/Units	mg/Kg
Copper	121
Lead	176
Mercury	0.4
Nickel	36.9
Zinc	457

Sample ID	MW-1
Parameter/Units	mg/L
Aluminum	5.79
Aluminum (Dissolved)	0.35
Iron	10.9
Lead	0.038

Sample ID	SB-4(2-3)
Parameter/Units	mg/Kg
Nickel	35
Zinc	110

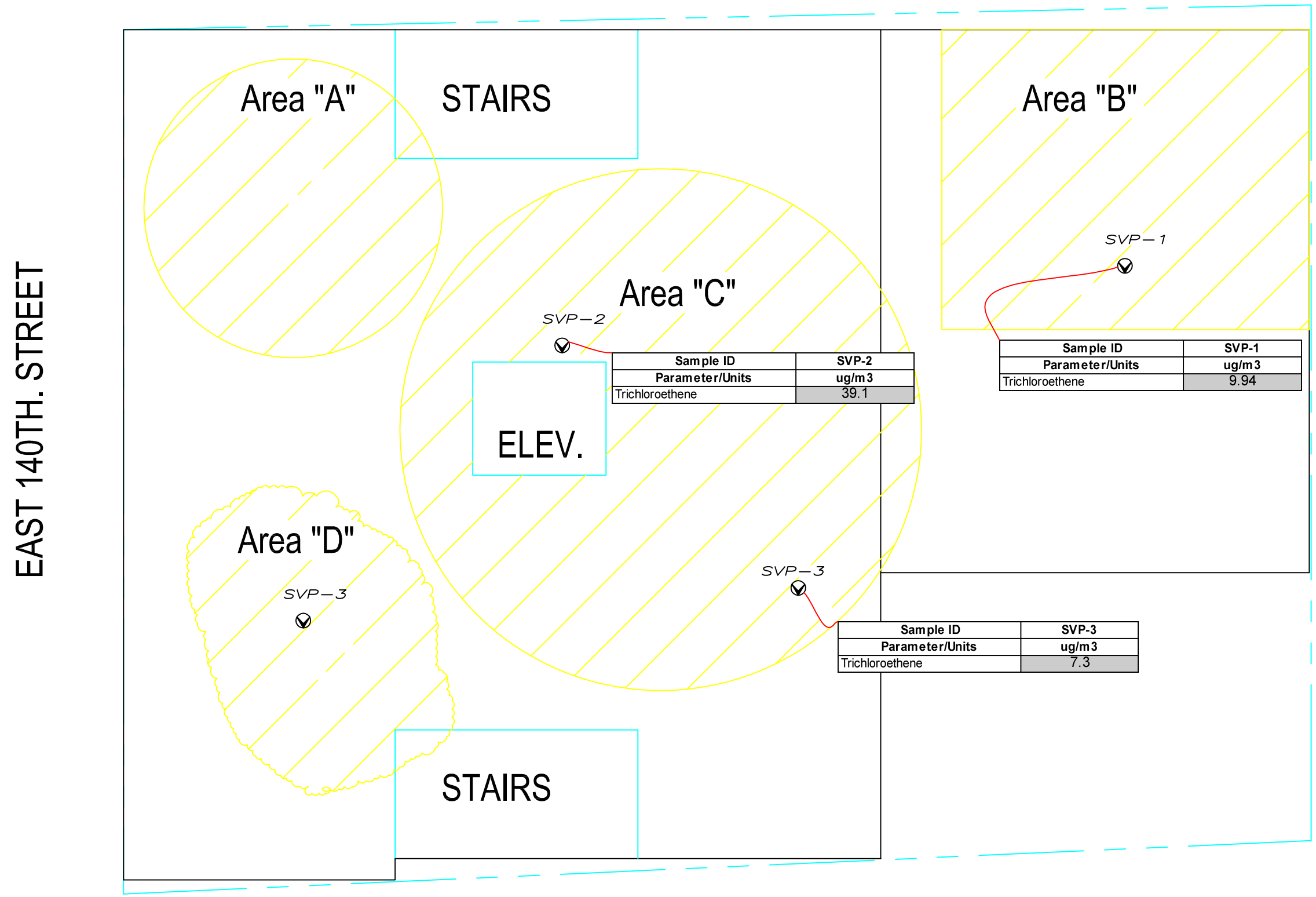
Sample ID	SB-3(2-3)
Parameter/Units	mg/Kg
Copper	491
Lead	308
Nickel	110
Zinc	413

Sample ID	SB-3(2-3)
Parameter/Uni	ug/kg
4,4' -DDE	11
4,4' -DDT	29

ESPL Environmental Consultants Corp.
Address: 2 West 32nd Street
NY 10001 Tel: 212–363–ESPL
Email: mail@espl.com www.espl.com

Sheet Title:	Map of Soil & Ground Water Chemistry	Project #:	131–3	Scale:	As Shown
Client & Location:	GCH, LLC 335 grand Concourse, Bronx NY	Date:	May 15, 2014	Drawn By:	T.H.

Figure 4



Sample ID	SVP-2
Parameter/Units	ug/m3
Trichloroethene	39.1

Sample ID	SVP-1
Parameter/Units	ug/m3
Trichloroethene	9.94

Sample ID	SVP-3
Parameter/Units	ug/m3
Trichloroethene	7.3

ESPL Environmental Consultants Corp.
Address: 2 West 32nd Street
NY 10001 Tel: 212–363–ESPL
Email: mail@espl.com www.espl.com

Sheet Title:	Map of Soil Vapor Chemistry	Project #:	131-3	Scale:	As Shown	**Figure 5**
Client & Location:	GCH, LLC 335 grand Concourse, Bronx NY	Date:	May 15, 2014	Drawn By:	T.H.	

Appendix B

Exceeding Levels

TABLE 2A Exceeding Componds
335 Grand Concourse
Semi-Volatile Organic Compounds Analysis (SVOC)
Soil Samples

Sample ID	SB-1(2-3)	Trac 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014		
Matrix	Soil		
EPA Methodology	8260		
Date Analyzed			
Dilution Factor	-		
Parameter/Units	ug/kg		
Benzo(b)fluoranthene	1,100	1,000	1,000

Values Exceed NYSDEC levels
ND Not Detected
BDL Below Detection Level

TABLE 3A - Exceeding Compounds
335 Grand Concourse
Metals Analysis
Soil Samples

Sample ID	SB-1(2-3)	SB-3(2-3)	SB-4(2-3)	SB-5(2-3)	Track 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014	4/29/2014	4/29/2014	4/29/2014		
Matrix	Soil	Soil	Soil	Soil		
EPA Methodology	6010-7471	6010-7471	6010-7471	6010-7471		
Date Analyzed	5/2/2014	5/2/2014	5/2/2014	5/2/2014		
Dilution Factor	-	-	-	-		
Parameter/Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Copper	109	491	6.25	121	50	270
Lead	133	308	8.38	176	63	400
Mercury	0.19	0.08	0.08	0.4	0.18	0.81
Nickel	30.3	110	35	36.9	30	140
Zinc	229	413	110	457	109	2,200

Values Exceed NYSDEC levels
Not Detected
ND Below Detection Level
BDL

TABLE 5A - Exceeding Compounds
335 Grand Concourse
Pesticides
Soil Samples

Sample ID	SB-3(2-3)	Track 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014		
Matrix	Soil		
EPA	8260		
Date Analyzed	5/3/2014		
Dilution Factor	-		
Parameter/Unit	ug/kg		
4,4' -DDE	11	3.3	8,900
4,4' -DDT	29	3.3	7,900

Values Exceed NYSDEC levels
ND Not Detected
BD Below Detection Level

TABLE 8A
335 Grand Concourse
Metals Analysis
Groundwater Samples

Sample ID	MW-1	TAGM /TOGS GW
Date Collected	5/15/2014	
Matrix	GW	
EPA Methodology	6010-7010-7470	
Date Analyzed	5/19/2014	
Parameter/Units	mg/L	
	Results	
Aluminum	5.79	0.1
Aluminum (Dissolved)	0.35	0.1
Iron	10.9	0.3
Lead	0.038	0.025

Values Exceed NYSDEC levels
ND Not Detected
BDL Below Detection Level

TABLE 11A
335 Grand Concourse
Volatile Organic Compounds (VOC) - Air Analysis
Soil Vapor Samples

Sample ID	SVP-1	SVP-2	SVP-3	NYSDOH Guidance Values
Date Collected	5/6/2014	5/6/2014	5/6/2014	
Matrix	Air	Air	Air	
EPA Methodology	TO-15	TO-15	TO-15	
Date Analyzed**	5/12/2014	5/12/2014	5/12/2014	
Parameter/Units	ug/m3	ug/m3	ug/m3	
	Results	Results	Results	
Trichloroethene	9.94	39.1	7.3	5

Values Exceed NYSDEC Levels
ND Not Detected
BDL Below Detection Level

Tabulated Data

TABLE 1
335 Grand Concourse
Volatile Organic Compounds Analysis (VOC)
Soil Samples

Sample ID	SB-1(2-3)	SB-2(2-3)	SB-3(2-3)	SB-4(2-3)	SB-5(2-3)	Track 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014		
Matrix	Soil	Soil	Soil	Soil	Soil		
EPA Methodology	8260	8260	8260	8260	8260		
Date Analyzed	5/3/2014	5/3/2014	5/3/2014	5/3/2014	5/3/2014		
Dilution Factor	-		-		-		
Parameter/Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND		
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	680	100,000
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND		
1,1,2-Trichloroethane	ND	ND	ND	ND	ND		
1,1-Dichloroethane	ND	ND	ND	ND	ND	270	19,000
1,1-Dichloroethene	ND	ND	ND	ND	ND	330	100,000
1,1-Dichloropropene	ND	ND	ND	ND	ND		
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND		
1,2,3-Trichloropropane	ND	ND	ND	ND	ND		
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND		
1,2,4-Trimethylbenzene	ND	ND	8.9	ND	ND	3,600	47,000
1,2-Dibromo-3-chloropropa	ND	ND	ND	ND	ND		
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1,100	100,000
1,2-Dichloroethane	ND	ND	ND	ND	ND	20	2,300
1,2-Dichloropropane	ND	ND	ND	ND	ND		
1,3,5-Trimethylbenzene	ND	ND	8.3	ND	ND	8,400	47,000
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	2,400	17,000
1,3-Dichloropropane	ND	ND	ND	ND	ND		
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	1,800	9,800
2,2-Dichloropropane	ND	ND	ND	ND	ND		
2-Chlorotoluene	ND	ND	ND	ND	ND		
2-Hexanone	ND	ND	ND	ND	ND		
2-Isopropyltoluene	ND	ND	ND	ND	ND		
4-Chlorotoluene	ND	ND	ND	ND	ND		
4-Methyl-2-pentanone	ND	ND	ND	ND	ND		
Acetone	ND	ND	ND	ND	ND	50	100,000
Acrylonitrile	ND	ND	ND	ND	ND		
Benzene	ND	ND	ND	ND	ND	60	2,900
Bromobenzene	ND	ND	ND	ND	ND		
Bromochloromethane	ND	ND	ND	ND	ND		
Bromodichloromethane	ND	ND	ND	ND	ND		
Bromoform	ND	ND	ND	ND	ND		
Bromomethane	ND	ND	ND	ND	ND		
Carbon Disulfide	ND	ND	ND	ND	ND		
Carbon tetrachloride	ND	ND	ND	ND	ND	760	1,400
Chlorobenzene	ND	ND	ND	ND	ND	1,100	100,000
Chloroethane	ND	ND	ND	ND	ND		
Chloroform	ND	ND	ND	ND	ND	370	10,000
Chloromethane	ND	ND	ND	ND	ND		
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	250	59,000
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND		
Dibromochloromethane	ND	ND	ND	ND	ND		
Dibromoethane	ND	ND	ND	ND	ND		
Dibromomethane	ND	ND	ND	ND	ND		
Dichlorodifluoromethane	ND	ND	ND	ND	ND		
Ethylbenzene	ND	ND	ND	ND	ND	1,000	30,000
Hexachlorobutadiene	ND	ND	ND	ND	ND		
Isopropylbenzene	ND	ND	ND	ND	ND		
m&p-Xylene	ND	ND	10	ND	ND		
Methyl Ethyl Ketone	ND	ND	ND	ND	ND	120	100,000
Methyl t-butyl ether (MTBE	ND	ND	ND	ND	ND	930	62,000
Methylene chloride	ND	ND	ND	ND	ND	50	51,000
Naphthalene	ND	ND	ND	ND	ND		100,000

TABLE 1
335 Grand Concourse
Volatile Organic Compounds Analysis (VOC)
Soil Samples

Sample ID	SB-1(2-3)	SB-2(2-3)	SB-3(2-3)	SB-4(2-3)	SB-5(2-3)	Track 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014		
Matrix	Soil	Soil	Soil	Soil	Soil		
EPA Methodology	8260	8260	8260	8260	8260		
Date Analyzed	5/3/2014	5/3/2014	5/3/2014	5/3/2014	5/3/2014		
Dilution Factor	-		-		-		
Parameter/Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		
n-Butylbenzene	ND	ND	ND	ND	ND	12,000	100,000
n-Propylbenzene	ND	ND	ND	ND	ND	3,900	100,000
o-Xylene	ND	ND	ND	ND	ND		
p-Isopropyltoluene	ND	ND	ND	ND	ND		
sec-Butylbenzene	ND	ND	ND	ND	ND	11,000	100,000
Styrene	ND	ND	ND	ND	ND		
tert-Butylbenzene	ND	ND	ND	ND	ND	5,900	100,000
Tetrachloroethene	ND	ND	ND	ND	ND	1,300	5,500
Tetrahydrofuran (THF)	ND	ND	ND	ND	ND		
Toluene	ND	ND	14	ND	ND	700	100,000
Total Xylenes	ND	ND	10	ND	ND		
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND		100,000
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND		
trans-1,4-dichloro-2-butene	ND	ND	ND	ND	ND		
Trichloroethene	ND	ND	ND	ND	ND	470	10,000
Trichlorofluoromethane	ND	ND	ND	ND	ND		
Trichlorotrifluoroethane	ND	ND	ND	ND	ND		
Vinyl chloride	ND	ND	ND	ND	ND	20	210

Values Exceed NYSDEC levels
ND Not Detected
BD Below Detection Level

TABLE 2
335 Grand Concourse
Semi-Volatile Organic Compounds Analysis (SVOC)
Soil Samples

Sample ID	SB-1(2-3)	SB-2(2-3)	SB-3(2-3)	SB-4(2-3)	SB-5(2-3)	Trac 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014		
Matrix	Soil	Soil	Soil	Soil	Soil		
EPA Methodology	8260	8260	8260	8260	8260		
Date Analyzed	5/3/2014	5/3/2014	5/3/2014	5/3/2014	5/3/2014		
Dilution Factor	-		-		-		
Parameter/Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	ND	ND		
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND		
1,2-Dichlorobenzene	ND	ND	ND	ND	ND		
1,3-Dichlorobenzene	ND	ND	ND	ND	ND		
1,4-Dichlorobenzene	ND	ND	ND	ND	ND		
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND		
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND		
2,4-Dichlorophenol	ND	ND	ND	ND	ND		
2,4-Dimethylphenol	ND	ND	ND	ND	ND		
2,4-Dinitrophenol	ND	ND	ND	ND	ND		
2,4-Dinitrotoluene	ND	ND	ND	ND	ND		
2,6-Dinitrotoluene	ND	ND	ND	ND	ND		
2-Chloronaphthalene	ND	ND	ND	ND	ND		
2-Chlorophenol	ND	ND	ND	ND	ND		
2-Methylnaphthalene	ND	ND	ND	ND	ND		
2-Methylphenol (o-cresol)	ND	ND	ND	ND	ND		
2-Nitroaniline	ND	ND	ND	ND	ND		
2-Nitrophenol	ND	ND	ND	ND	ND		
3&4-Methylphenol (m&p-cresol)	ND	ND	ND	ND	ND		
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND		
3-Nitroaniline	ND	ND	ND	ND	ND		
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND		
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND		
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND		
4-Chloroaniline	ND	ND	ND	ND	ND		
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND		
4-Nitroaniline	ND	ND	ND	ND	ND		
4-Nitrophenol	ND	ND	ND	ND	ND		
Acenaphthene	ND	ND	ND	ND	ND	20,000	100,000
Acenaphthylene	ND	ND	ND	ND	ND	100,000	100,000
Acetophenone	ND	ND	ND	ND	ND		
Aniline	ND	ND	ND	ND	ND		
Anthracene	ND	ND	ND	ND	ND	100,000	100,000
Azobenzene	ND	ND	ND	ND	ND		
Benz(a)anthracene	910	ND	ND	ND	ND	1,000	1,000
Benzidine	ND	ND	ND	ND	ND		
Benzo(a)pyrene	800	ND	ND	ND	ND	1,000	1,000
Benzo(b)fluoranthene	1,100	ND	ND	ND	ND	1,000	1,000
Benzo(ghi)perylene	ND	ND	ND	ND	ND	100,000	100,000
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	800	1,000
Benzoic acid	ND	ND	ND	ND	ND		
Benzyl butyl phthalate	ND	ND	620	ND	850		
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND		
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND		
Bis(2-chloroisopropyl)ether	ND	ND	ND	ND	ND		
Bis(2-ethylhexyl)phthalate	ND	ND	710	ND	ND		
Carbazole	ND	ND	ND	ND	ND		
Chrysene	980	ND	ND	ND	ND	1,000	1,000
Dibenz(a,h)anthracene	ND	ND	ND	ND	ND	330	330
Dibenzofuran	ND	ND	ND	ND	ND		
Diethyl phthalate	ND	ND	ND	ND	ND		
Dimethylphthalate	ND	ND	ND	ND	ND		
Di-n-butylphthalate	ND	ND	ND	ND	ND		
Di-n-octylphthalate	ND	ND	ND	ND	ND		
Fluoranthene	2,100	ND	ND	ND	ND	100,000	100,000
Fluorene	ND	ND	ND	ND	ND	30,000	100,000
Hexachlorobenzene	ND	ND	ND	ND	ND		
Hexachlorobutadiene	ND	ND	ND	ND	ND		
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND		
Hexachloroethane	ND	ND	ND	ND	ND		
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	500	500

TABLE 2
335 Grand Concourse
Semi-Volatile Organic Compounds Analysis (SVOC)
Soil Samples

Sample ID	SB-1(2-3)	SB-2(2-3)	SB-3(2-3)	SB-4(2-3)	SB-5(2-3)	Trac 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014		
Matrix	Soil	Soil	Soil	Soil	Soil		
EPA Methodology	8260	8260	8260	8260	8260		
Date Analyzed	5/3/2014	5/3/2014	5/3/2014	5/3/2014	5/3/2014		
Dilution Factor	-		-		-		
Parameter/Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		
Isophorone	ND	ND	ND	ND	ND		
Naphthalene	ND	ND	ND	ND	ND	12,000	100,000
Nitrobenzene	ND	ND	ND	ND	ND		
N-Nitrosodimethylamine	ND	ND	ND	ND	ND		
N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND		
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND		
Pentachloronitrobenzene	ND	ND	ND	ND	ND		
Pentachlorophenol	ND	ND	ND	ND	ND	800	2,400
Phenanthrene	1,600	ND	ND	ND	ND	100,000	100,000
Phenol	ND	ND	ND	ND	ND	330	100,000
Pyrene	1,700	ND	ND	ND	ND	100,000	100,000
Pyridine	ND	ND	ND	ND	ND		

Values Exceed NYSDEC levels
ND Not Detected
BDL Below Detection Level

TABLE 3
335 Grand Concourse
Metals Analysis
Soil Samples

Sample ID	SB-1(2-3)	SB-2(2-3)	SB-3(2-3)	SB-4(2-3)	SB-5(2-3)	Track 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014		
Matrix	Soil	Soil	Soil	Soil	Soil		
EPA Methodology	6010-7471	6010-7471	6010-7471	6010-7471	6010-7471		
Date Analyzed	5/2/2014	5/2/2014	5/2/2014	5/2/2014	5/2/2014		
Dilution Factor	-	-	-	-	-		
Parameter/Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg		
Aluminum	10,200	14,700	10,700	19,200	12,400		
Antimony	< 3.2	< 3.5	< 3.5	< 3.2	< 3.9		
Arsenic	1.7	1.6	3.6	< 0.6	2.8	13	16
Barium	146	92.6	216	271	149	350	350
Beryllium	0.35	0.64	0.39	0.42	0.38	7.2	14
Cadmium	0.74	< 0.35	1.11	< 0.32	1.02	2.5	2.5
Calcium	28,900	7,560	39,100	21,600	35,200		
Chromium	32.1	32.1	54.9	34.5	35		
Cobalt	11	12.2	10.9	24	11.5		
Copper	109	37.3	491	6.25	121	50	270
Iron	24,000	23,400	26,300	40,700	25,600		
Lead	133	45.6	308	8.38	176	63	400
Magnesium	7,690	14,500	6,780	11,200	15,500		
Manganese	243	452	280	288	325	1,600	2,000
Mercury	0.19	< 0.07	0.08	0.08	0.4	0.18	0.81
Nickel	30.3	26.3	110	35	36.9	30	140
Potassium	4,460	3,010	3,250	12,700	4,580		
Selenium	< 1.3	< 1.4	< 1.4	< 1.3	< 1.5	4	36
Silver	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	2	36
Sodium	308	429	670	312	485		
Thallium	< 2.9	< 3.2	< 3.1	< 2.9	< 3.5		
Vanadium	38.3	38.1	54.9	56.6	37.4		
Zinc	229	83.9	413	110	457	109	2,200

Values Exceed NYSDEC levels
Not Detected
ND Below Detection Level
BDL

TABLE 4
335 Grand Concourse
Polychlorinated Biphenyls Analysis (PCBs)
Soil Samples

Sample ID	SB-1(2-3)	SB-2(2-3)	SB-3(2-3)	SB-4(2-3)	SB-5(2-3)	Track 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014		
Matrix	Soil	Soil	Soil	Soil	Soil		
EPA	8260	8260	8260	8260	8260		
Date Analyzed	6/6/2014	6/6/2014	6/6/2014	6/6/2014	6/6/2014		
Dilution Factor	-	-	-	-	-		
Parameter/Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		
PCB-1016	ND	ND	ND	ND	ND	100	1,000
PCB-1221	ND	ND	ND	ND	ND	100	1,000
PCB-1232	ND	ND	ND	ND	ND	100	1,000
PCB-1242	ND	ND	ND	ND	ND	100	1,000
PCB-1248	ND	ND	ND	ND	ND	100	1,000
PCB-1254	ND	ND	ND	ND	ND	100	1,000
PCB-1260	ND	ND	ND	ND	ND	100	1,000
PCB-1262	ND	ND	ND	ND	ND	100	1000
PCB-1268	ND	ND	ND	ND	ND	100	1000

Values Exceed NYSDEC levels
ND Not Detected
BD Below Detection Level

TABLE 5
335 Grand Concourse
Pesticides
Soil Samples

Sample ID	SB-1(2-3)	SB-2(2-3)	SB-3(2-3)	SB-4(2-3)	SB-5(2-3)	Track 1 Unrestricted Use Part 375-6.8(a)	Track 2 Restricted Use
Date Collected	4/29/2014	4/29/2014	4/29/2014	4/29/2014	4/29/2014		
Matrix	Soil	Soil	Soil	Soil	Soil		
EPA	8260	8260	8260	8260	8260		
Date Analyzed	5/3/2014	5/3/2014	5/3/2014	5/3/2014	5/3/2014		
Dilution Factor	-		-		-		
Parameter/Unit	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg		
4,4' -DDD	ND	ND	ND	ND	ND	3.3	13,000
4,4' -DDE	ND	ND	11	ND	ND	3.3	8,900
4,4' -DDT	ND	ND	29	ND	ND	3.3	7,900
a-BHC	ND	ND	ND	ND	ND	20	480
Alachlor	ND	ND	ND	ND	ND		
Aldrin	ND	ND	ND	ND	ND	5	97
b-BHC	ND	ND	ND	ND	ND	36	360
Chlordane	ND	ND	ND	ND	ND		
d-BHC	ND	ND	ND	ND	ND	40	100,000
Dieldrin	ND	ND	ND	ND	ND	5	200
Endosulfan I	ND	ND	ND	ND	ND	2,400	24,000
Endosulfan II	ND	ND	ND	ND	ND	2,400	24,000
Endosulfan sulfa	ND	ND	ND	ND	ND	2,400	24,000
Endrin	ND	ND	ND	ND	ND	14	11,000
Endrin aldehyde	ND	ND	ND	ND	ND		
Endrin ketone	ND	ND	ND	ND	ND		
g-BHC	ND	ND	ND	ND	ND	100	1,300
Heptachlor	ND	ND	ND	ND	ND	42	2,100
Heptachlor epoxi	ND	ND	ND	ND	ND		
Methoxychlor	ND	ND	ND	ND	ND		
Toxaphene	ND	ND	ND	ND	ND		

Values Exceed NYSDEC levels
ND Not Detected
BD Below Detection Level

TABLE 6
335 Grand Concourse
Volatile Organic Compounds Analysis (VOC)
Groundwater Samples

Sample ID	MW-1	TAGM /TOGS GW
Date Collected	5/15/2014	
Matrix	GW	
EPA Methodology	8260	
Date Analyzed	5/16/2014	
Parameter/Units	ug/L	
	Results	
1,1,1,2-Tetrachloroethane	ND	5
1,1,1-Trichloroethane	ND	5
1,1,2,2-Tetrachloroethane	ND	5
1,1,2-Trichloroethane	ND	1
1,1-Dichloroethane	ND	5
1,1-Dichloroethene	ND	5
1,1-Dichloropropene	ND	5
1,2,3-Trichlorobenzene	ND	
1,2,3-Trichloropropane	ND	0.04
1,2,4-Trichlorobenzene	ND	
1,2,4-Trimethylbenzene	ND	5
1,2-Dibromo-3-chloropropane	ND	0.04
1,2-Dichlorobenzene	ND	4.7
1,2-Dichloroethane	ND	0.6
1,2-Dichloropropane	ND	1
1,3,5-Trimethylbenzene	ND	5
1,3-Dichlorobenzene	ND	5
1,3-Dichloropropane	ND	5
1,4-Dichlorobenzene	ND	5
2,2-Dichloropropane	ND	5
2-Chlorotoluene	ND	5
2-Hexanone	ND	50
2-Isopropyltoluene	ND	5
4-Chlorotoluene	ND	5
4-Methyl-2-pentanone	ND	50
Acetone	ND	50
Acrylonitrile	ND	5
Benzene	ND	1
Bromobenzene	ND	5
Bromochloromethane	ND	5
Bromodichloromethane	ND	50
Bromoform	ND	50
Bromomethane	ND	5
Carbon Disulfide	ND	50
Carbon tetrachloride	ND	5
Chlorobenzene	ND	5
Chloroethane	ND	5
Chloroform	4	7
Chloromethane	ND	5
cis-1,2-Dichloroethene	ND	5
cis-1,3-Dichloropropene	ND	
Dibromochloromethane	ND	50
Dibromoethane	ND	0.0006
Dibromomethane	ND	5
Dichlorodifluoromethane	ND	5
Ethylbenzene	ND	5
Hexachlorobutadiene	ND	0.5
Isopropylbenzene	ND	5
m&p-Xylene	ND	
Methyl Ethyl Ketone	ND	50
Methyl t-butyl ether (MTBE)	ND	
Methylene chloride	ND	5
Naphthalene	ND	10
n-Butylbenzene	ND	5
n-Propylbenzene	ND	5
o-Xylene	ND	5
p-Isopropyltoluene	ND	5

TABLE 6
335 Grand Concourse
Volatile Organic Compounds Analysis (VOC)
Groundwater Samples

Sample ID	MW-1	TAGM /TOGS GW
Date Collected	5/15/2014	
Matrix	GW	
EPA Methodology	8260	
Date Analyzed	5/16/2014	
Parameter/Units	ug/L	
	Results	
sec-Butylbenzene	ND	5
Styrene	ND	5
tert-Butylbenzene	ND	5
Tetrachloroethene	ND	5
Tetrahydrofuran (THF)	ND	50
Toluene	ND	5
Total Xylenes	ND	5
trans-1,2-Dichloroethene	ND	5
trans-1,3-Dichloropropene	ND	
trans-1,4-dichloro-2-butene	ND	5
Trichloroethene	ND	5
Trichlorofluoromethane	ND	5
Trichlorotrifluoroethane	ND	5
Vinyl chloride	ND	2

Values Exceed NYSDEC levels
ND Not Detected
BDL Below Detection Level

TABLE 7
335 Grand Concoourse
Semi-Volatile Organic Compounds Analysis (SVOC)
Groundwater Samples

Sample ID	MW-1	TAGM /TOGS GW
Date Collected	5/15/2014	
Matrix	GW	
EPA Methodology	8270	
Date Analyzed	5/20/2014	
Parameter/Units	ug/L	
	Results	
1,2,4,5-Tetrachlorobenzene	ND	
1,2,4-Trichlorobenzene	ND	
1,2-Dichlorobenzene	ND	4.7
1,2-Diphenylhydrazine	ND	
1,3-Dichlorobenzene	ND	5
1,4-Dichlorobenzene	ND	5
2,4,5-Trichlorophenol	ND	1
2,4,6-Trichlorophenol	ND	1
2,4-Dichlorophenol	ND	1
2,4-Dimethylphenol	ND	5
2,4-Dinitrophenol	ND	5
2,4-Dinitrotoluene	ND	5
2,6-Dinitrotoluene	ND	5
2-Chloronaphthalene	ND	10
2-Chlorophenol	ND	1
2-Methylnaphthalene	ND	
2-Methylphenol (o-cresol)	ND	5
2-Nitroaniline	ND	5
2-Nitrophenol	ND	5
3&4-Methylphenol (m&p-cresol)	ND	
3,3'-Dichlorobenzidine	ND	5
3-Nitroaniline	ND	5
4,6-Dinitro-2-methylphenol	ND	1
4-Bromophenyl phenyl ether	ND	
4-Chloro-3-methylphenol	ND	5
4-Chloroaniline	ND	5
4-Chlorophenyl phenyl ether	ND	
4-Nitroaniline	ND	5
4-Nitrophenol	ND	1
Acetophenone	ND	
Aniline	ND	5
Anthracene	ND	50
Azobenzene	ND	5
Benzidine	ND	5
Benzoic acid	ND	
Benzyl butyl phthalate	ND	50
Bis(2-chloroethoxy)methane	ND	5
Bis(2-chloroethyl)ether	ND	1
Bis(2-chloroisopropyl)ether	ND	
Carbazole	ND	
Dibenzofuran	ND	5
Diethyl phthalate	ND	50
Dimethylphthalate	ND	50
Di-n-butylphthalate	ND	50
Di-n-octylphthalate	ND	50
Fluoranthene	ND	50
Fluorene	ND	50
Hexachlorobutadiene	ND	0.5
Hexachlorocyclopentadiene	ND	5
Isophorone	ND	50
Naphthalene	ND	10
Nitrobenzene	ND	5
N-Nitrosodimethylamine	ND	
N-Nitrosodi-n-propylamine	ND	
N-Nitrosodiphenylamine	ND	50
Phenol	ND	1
Pyrene	ND	50
Pyridine	ND	50

Values Exceed NYSDEC levels
ND Not Detected
BDL Below Detection Level

TABLE 8
335 Grand Concourse
Metals Analysis
Groundwater Samples

Sample ID	MW-1	TAGM /TOGS GW
Date Collected	5/15/2014	
Matrix	GW	
EPA Methodology	6010-7010-7470	
Date Analyzed	5/19/2014	
Parameter/Units	mg/L	
	Results	
Aluminum	5.79	0.1
Aluminum (Dissolved)	0.35	0.1
Antimony	< 0.005	0.003
Antimony (Dissolved)	< 0.005	0.003
Arsenic	< 0.004	0.025
Arsenic (Dissolved)	< 0.004	0.025
Barium	0.151	1
Barium (Dissolved)	0.078	1
Beryllium	< 0.001	0.003
Beryllium (Dissolved)	< 0.001	0.003
Cadmium	< 0.001	5/16/20140.005
Cadmium (Dissolved)	< 0.001	0.005
Calcium	82.6	
Calcium (Dissolved)	81.3	
Chromium	0.018	0.05
Chromium (Dissolved)	0.002	0.05
Cobalt	0.009	
Cobalt (Dissolved)	0.001	
Copper	0.073	0.2
Copper (Dissolved)	0.042	0.2
Iron	10.9	0.3
Iron (Dissolved)	0.173	0.3
Lead	0.038	0.025
Lead (Dissolved)	< 0.002	0.025
Magnesium	11.2	35
Magnesium (Dissolved)	8.8	35
Manganese	0.163	0.3
Manganese (Dissolved)	0.058	0.3
Mercury	< 0.0002	0.0007
Mercury (Dissolved)	< 0.0002	0.0007
Nickel	0.021	0.1
Nickel (Dissolved)	0.008	0.1
Potassium	15.7	
Potassium (Dissolved)	12.8	
Selenium	< 0.010	0.01
Selenium (Dissolved)	< 0.011	0.01
Silver	< 0.001	0.05
Silver (Dissolved)	< 0.001	0.05
Sodium	75.7	20
Sodium (Dissolved)	68.2	20
Thallium	< 0.002	0.0005
Thallium (Dissolved)	< 0.002	0.0005
Vanadium	0.018	
Vanadium (Dissolved)	0.003	
Zinc	0.062	5
Zinc (Dissolved)	0.007	5

Values Exceed NYSDEC levels
ND Not Detected
BDL Below Detection Level

TABLE 9
335 Grand Concourse
Pesticides
Groundwater Samples

Sample ID	MW-1	TAGM /TOGS GW
Date Collected	5/15/2014	
Matrix	GW	
EPA Methodology	8081/8082	
Date Analyzed	5/19/2014	
Parameter/Units	ug/L	
	Results	
4,4' -DDD	ND	0.3
4,4' -DDE	ND	0.2
4,4' -DDT	ND	0.2
a-BHC	ND	0.01
Alachlor	ND	0.09
Aldrin	ND	ND
b-BHC	ND	0.04
Chlordane	ND	0.05
d-BHC	ND	0.04
Dieldrin	ND	0.004
Endosulfan I	ND	
Endosulfan II	ND	
Endosulfan sulfate	ND	
Endrin	ND	ND
Endrin aldehyde	ND	5
Endrin ketone	ND	5
g-BHC	ND	
Heptachlor	ND	0.04
Heptachlor epoxide	ND	0.03
Methoxychlor	ND	35
Toxaphene	ND	0.06

Values Exceed NYSDEC levels
ND Not Detected
BDL Below Detection Level

TABLE 10
335 Grand Concourse
Polychlorinated Biphenyls Analysis (PCBs)
Groundwater Samples

Sample ID	MW-1	
Date Collected	5/15/2014	
Matrix	GW	TAGM /TOGS GW
EPA Methodology	8082	
Date Analyzed	5/17/2014	
Parameter/Units	mg/L	
	Results	
PCB-1016	ND	0.09
PCB-1221	ND	0.09
PCB-1232	ND	0.09
PCB-1242	ND	0.09
PCB-1248	ND	0.09
PCB-1254	ND	0.09
PCB-1260	ND	0.09
PCB-1262	ND	0.09
PCB-1268	ND	0.09

Values Exceed NYSDEC levels
ND Not Detected
BDL Below Detection Level

TABLE 11
335 Grand Concourse
Volatile Organic Compounds (VOC) - Air Analysis
Soil Vapor Samples

Sample ID	SVP-1	SVP-2	SVP-3	NYSDOH Guidance Values
Date Collected	5/6/2014	5/6/2014	5/6/2014	
Matrix	Air	Air	Air	
EPA Methodology	TO-15	TO-15	TO-15	
Date Analyzed**	5/12/2014	5/12/2014	5/12/2014	
Parameter/Units	ug/m3	ug/m3	ug/m3	
	Results	Results	Results	
1,1,1,2-Tetrachloroethane	< 1.00	< 1.00	< 1.00	-
1,1,1-Trichloroethane	< 1.00	< 1.00	< 1.00	-
1,1,2,2-Tetrachloroethane	< 1.00	< 1.00	< 1.00	-
1,1,2-Trichloroethane	< 1.00	< 1.00	< 1.00	-
1,1-Dichloroethane	< 1.00	< 1.00	< 1.00	-
1,1-Dichloroethene	< 1.00	< 1.00	< 1.00	-
1,2,4-Trichlorobenzene	< 1.00	< 1.00	< 1.00	-
1,2,4-Trimethylbenzene	9.04	104	441	-
1,2-Dibromoethane(EDB)	< 1.00	< 1.00	< 1.00	-
1,2-Dichlorobenzene	< 1.00	< 1.00	< 1.00	-
1,2-Dichloroethane	< 1.00	8.21	2.67	-
1,2-dichloropropane	< 1.00	< 1.00	< 1.00	-
1,2-Dichlorotetrafluoroethane	< 1.00	< 1.00	< 1.00	-
1,3,5-Trimethylbenzene	5.26	75.7	590	-
1,3-Butadiene	< 1.00	< 1.00	< 1.00	-
1,3-Dichlorobenzene	< 1.00	< 1.00	< 1.00	-
1,4-Dichlorobenzene	< 1.00	< 1.00	< 1.00	-
1,4-Dioxane	< 1.00	< 1.00	< 1.00	-
2-Hexanone(MBK)	< 1.00	< 1.00	< 1.00	-
4-Ethyltoluene	4.08	43.1	191	-
4-Isopropyltoluene	1.1	5.65	36.8	-
4-Methyl-2-pentanone(MIBK)	< 1.00	< 1.00	< 1.00	-
Acetone	180	1,030	328	-
Acrylonitrile	< 1.00	< 1.00	< 1.00	-
Benzene	2.49	36.1	14.4	-
Benzyl chloride	< 1.00	< 1.00	< 1.00	-
Bromodichloromethane	< 1.00	< 1.00	< 1.00	-
Bromoform	< 1.00	< 1.00	< 1.00	-
Bromomethane	< 1.00	< 1.00	< 1.00	-
Carbon Disulfide	9.46	21.6	23.6	-
Carbon Tetrachloride	22.6	12	16.5	-
Chlorobenzene	< 1.00	< 1.00	< 1.00	-
Chloroethane	< 1.00	< 1.00	< 1.00	-
Chloroform	1.51	19.6	1.9	-
Chloromethane	< 1.00	1.84	1.51	-
Cis-1,2-Dichloroethene	< 1.00	1.9	< 1.00	-
cis-1,3-Dichloropropene	< 1.00	< 1.00	< 1.00	-
Cyclohexane	4.47	482	140	-
Dibromochloromethane	< 1.00	< 1.00	< 1.00	-
Dichlorodifluoromethane	2.62	2.72	2.72	-
Ethanol	7.53	16.6	13.8	-
Ethyl acetate	< 1.00	< 1.00	< 1.00	-
Ethylbenzene	8.24	185	96.3	-
Heptane	4.34	1,080	234	-
Hexachlorobutadiene	< 1.00	< 1.00	< 1.00	-
Hexane	9.48	550	237	-

Values Exceed NYSDEC Levels
ND Not Detected
BDL Below Detection Level

TABLE 11(con't)
335 Grand Concourse
Volatile Organic Compounds (VOC) - Air Analysis
Soil Vapor Samples

Sample ID	SVP-1	SVP-2	SVP-3	NYSDOH Guidance Values
Date Collected	5/6/2014	5/6/2014	5/6/2014	
Matrix	Air	Air	Air	
EPA Methodology	TO-15	TO-15	TO-15	
Date Analyzed**	5/12/2014	5/12/2014	5/12/2014	
Parameter/Units	ug/m3	ug/m3	ug/m3	
	Results	Results	Results	
Isopropylalcohol	1.52	9.88	< 1.00	-
Isopropylbenzene	< 1.00	30.2	51.6	-
m,p-Xylene	26.1	1,010	495	-
Methyl Ethyl Ketone	12.8	224	30.1	-
Methyl tert-butyl ether(MTBE)	< 1.00	< 1.00	< 1.00	-
Methylene Chloride	< 1.00	1.49	2.36	60
n-Butylbenzene	1.26	5.05	50.6	-
o-Xylene	11.5	490	508	-
Propylene	13.2	61.2	42.1	-
sec-Butylbenzene	< 1.00	< 1.00	39.3	-
Styrene	< 1.00	4.51	2	-
Tetrachloroethene	53	39.3	10.6	100
Tetrahydrofuran	< 1.00	< 1.00	< 1.00	-
Toluene	19.4	1,160	252	-
Trans-1,2-Dichloroethene	< 1.00	< 1.00	< 1.00	-
trans-1,3-Dichloropropene	< 1.00	< 1.00	< 1.00	-
Trichloroethene	9.94	39.1	7.3	5
Trichlorofluoromethane	1.46	1.96	1.46	-
Trichlorotrifluoroethane	< 1.00	< 1.00	< 1.00	-
Vinyl Chloride	< 0.25	0.281	0.817	-

Values Exceed NYSDEC Levels
ND Not Detected
BDL Below Detection Level

Appendix C

Phase I ESA

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, New York 11788
T (631) 462-5866 • F (631) 462-5877

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
T (718) 636-0800 • F (718) 636-0900

WWW.HYDROTECHENVIRONMENTAL.COM

PHASE I ENVIRONMENTAL SITE ASSESSMENT

335 Grand Concourse
Bronx, NY

Prepared For

Mr. Sanjay Patel

February 3, 2012

Job No. 120006

PHASE I ENVIRONMENTAL SITE ASSESSMENT

335 Grand Concourse
Bronx, NY

February 3, 2012

Hydro Tech Environmental, Corp. appreciates the opportunity to work for Mr. Sanjay Patel at the property located at 335 Grand Concourse in the Bronx, New York.

Should you require any additional information or have any comments regarding the contents of this report, please feel free to contact our office at your convenience.

We declare that, to the best of my professional knowledge and belief, HYDRO TECH personnel meet the definition of an environmental professional as defined in §312.10 of 40 C.F.R. 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

Very Truly Yours,
Hydro Tech Environmental, Corp.

X_____
Ezgi Karayel
Project Engineer

X_____
Mark E. Robbins, C.P.G., C.E.I.
Senior Vice President

TABLE OF CONTENTS

Page Number

Figures

Appendices

1.0 EXECUTIVE SUMMARY

Hydro Tech Environmental, Corp. (Hydro Tech) has performed a Phase I Environmental Site Assessment (Phase I ESA) at the Subject Property. The Phase I ESA was performed to meet or surpass the American Standard of Testing Materials Standard for Phase I Environmental Site Assessments E 1527-05. The purpose of the assessment was to characterize the environmental quality of the Subject Property through the identification of Recognized Environmental Conditions (RECs). All work was performed under the supervision of a Hydro Tech Project Manager and under the guidance of a Hydro Tech geologist.

The results of the Phase I Environmental Site Assessment are contained in this report. The Phase I Environmental Site Assessment has revealed the following REC(s):

- The suspected presence of underground storage tanks (§4.0).
- The presence of an in-ground hydraulic lift (§4.0).
- The presence of significant petroleum staining atop of asphalt in poor condition (§4.0).
- The presence of E Designation (§5.0).
- The former use of the property as a gasoline station (§5.0).

No effort has been made to perform any investigation beyond what is included in this Report. The observations and conclusions included herein summarize the results of the Phase I Environmental Site Assessment up to the date of the fieldwork and the date of this Report.

The following sections provide the details and specific information pertaining to the various components of the Phase I Environmental Site Assessment.

2.0 INTRODUCTION & SCOPE OF WORK

2.1 Introduction

Hydro Tech Environmental, Corp. (Hydro Tech, the ***"Preparer"***) has been retained by Mr. Sanjay Patel (the ***"User"***) to perform a Phase I Environmental Site Assessment at the property located at 335 Grand Concourse in the borough of the Bronx, New York. The User is the owner of the property. The property will hereafter be referred to as the ***"Subject Property"*** or ***"Site"***.

The purpose of a Phase I Assessment is to characterize the environmental quality of the Subject Property through the determination of the presence of Recognized Environmental Conditions (RECs). As defined by the American Society of Testing and Materials (ASTM), a REC is, "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property" (ASTM E 1527-05, §1.1.1). Similarly, the goal of an AAI-compliant Phase I Assessment is to identify "conditions indicative of releases or threatened releases of hazardous substances…" (40 CFR Part 312).

To this end, Hydro Tech has collected information through a number of sources including, but not limited to: a property and neighborhood inspection by trained environmental personnel, a review of historical and current information collected from various federal, state, county and municipal agencies and personnel interviews with Site representatives. Recommendations are offered where prudent. Firms subcontracted by Hydro Tech and the User may have collected some information used in this report. Some or all of the Assessment has been performed or supervised by environmental professionals as required by 40 CFR Part 310. The procurement of Title and Judicial Records for Environmental Liens and/or Activity and Use Limitations ("AULs") by Hydro Tech is beyond the scope of this practice (ASTM E1527-05) and investigation.

2.2 Scope of Work

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

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

The Phase I ESA was performed in accordance with ASTM E 1527 except where noted in Section 2.3 and in Hydro Tech's Proposal. As required by ASTM, the User has supplied information that has been relied upon by Hydro Tech in the rendering of findings, conclusions and opinions, except where indicated in Section 2.3 or elsewhere in the report.

2.3 Limitations, Deviations and Exceptions

In addition to those items outlined by ASTM E 1527, asbestos, radon, lead-based paint and lead in water were also considered in the scope of work. While this Phase I Assessment provides information with respect to both asbestos and lead-based paint, the presence of these materials can only be confirmed through the collection and analysis of bulk samples.

This report is not intended to serve as a full asbestos survey or lead-based paint survey. These surveys are commonly performed for the purpose of building demolition/renovation or the recognition/identification of any building materials that may contain asbestos or lead-based paint and it is recommended that they be performed prior to any such work.

Business Environmental Risks have not been considered and are not included in the scope of work. This Phase I Assessment is not intended to address the soil/groundwater quality at the Subject Property for general site characterization or waste disposal purposes. This Phase I Assessment in not intended to evaluate the fair market price of the property if it is not affected by hazardous or petroleum products.

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

This Phase I ESA Report is not intended to serve or be construed as a regulatory compliance report for the property. No legal opinions are provided with this report. This Phase I is not intended to address soil vapor intrusion conditions.

It should be noted that the USEPA has determined in their final ruling (40 C.F.R. Part 312, Standards and Practices for All Appropriate Inquires) of November 1, 2005 that "persons conducting all appropriate inquiries may use the procedures included in the ASTM E 1527-05 standard to comply with today's final rule." Therefore, while all appropriate inquiry could be considered satisfied as this ESA was prepared as per the ASTM E 1527-05 Standard, person(s) attempting to utilize this ESA while seeking one of CERCLA's LLPs must note that; a) they will not maintain CERCLA liability protections unless they also comply with all of the continuing obligations established under the statute that are beyond the scope of this practice (ASTM E 1527-05) and investigation; and b) in order to qualify for one of the CERCLA LLPs, the person(s) commissioning the Phase I Environmental Site Assessment must have provided site-specific information (if available) to Hydro Tech before the date of this ESA, otherwise a determination could be made that all appropriate inquiry is not complete.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 Subject Property Vicinity

The property is located at the intersection of Grand Concourse and East 140th Street in the borough of the Bronx, NY. The Borough of the Bronx is situated in the northern portion of the City of New York. The Harlem River is located approximately 800 feet to the southwest of the Site.

The vicinity of the Subject Property consists of commercial and residential properties. The ground surfaces in the vicinity of the Subject Property consist of concrete and asphalt surfaces.

3.2 Subject Property Description

The Site is 4,937 square feet in area and contains a 1-story commercial building with no basement. The building is located in the western portion of the property and is occupied by an auto repair facility named Eli Auto Repair. The remaining portions of the property are asphalt and concrete surfaces. Four service bays are located in the northern portion of the building. An office is located in the central portion of the building and one service bay is located in the southern portion of the building.

Various auto parts are situated in the northern portion of the building. Several automobiles are parked throughout the eastern and southern portion of the property. A metal fence is situated along the eastern property boundary. An aboveground electric auto lift is situated in the southern portion of the property.

The Site is connected to the NYC municipal sewer system, water, electric and gas services. These services enter the Site underground along Grand Concourse.

The topography of the Subject Property and is generally level. The topography in the vicinity of the Site has a slight slope toward the south and west. **Figure 1** provides a Site Plan.

3.3 Adjacent Land Use

The Subject Property is located in a commercial area. The following properties were identified immediately adjacent to the Subject Property:

Direction	**Adjacent Parcel**	**Surrounding Parcels**
North	All-City Corporate Transportation (offices)	Commercial/Residential
South	LMC Car Wash & Lube	
East	Teddy's Auto Repair, NY Taxi Equipment & Upholstery, vacant commercial, Medical Care & Rehabilitation	
West	Multi-story commercial (unknown)	

Hydro Tech does not believe that the adjacent properties identified above should impact upon the environmental quality of the Subject Property.

3.4 Proximity to Environmentally Sensitive Areas

The results of the Site inspection and an evaluation of the United States Geological Survey (USGS) 7-½ Minute Topographic Map containing the properties indicate there are no environmentally sensitive areas located within ⅛ mile radius of the Subject Property.

3.5 Site Location and Physical Setting

The Subject Property is located in the southwestern portion of the Borough of Bronx, New York. The elevation of the Subject Property is approximately 50 feet above mean sea level (USGS 7.5-Minute Bronx, New York Quadrangle, 1969, Photorevised 1979).

The vicinity of the Subject Property is characterized by metamorphosed sequence of bedrock known as the Manhattan Prong of the Hartland Formation.

The Hartland Formation was formed during the late Cambrian to early Ordovician period and consists of undivided pelitic schist with gneiss and amphibolite. The formation is frequently cross cut by transverse and parallel faults. The area is overlain by Pleistocene aged glacial till deposits.

Outcrops of bedrock are common place in the Bronx. However, no areas of exposed bedrock were identified during the Site inspection.

The depth to water in the vicinity of the Subject Property is estimated to be 10 to 20 feet. The regional groundwater flow direction in the vicinity of the Site is presumed to be toward the southwest in the direction of the Harlem River.

4.0 SITE RECONNAISSANCE

Mark E. Robbins of Hydro Tech performed the site reconnaissance portion of the Phase I Assessment on January 13, 2011. The weather during the inspection was sunny, approximately 45 degrees Fahrenheit. ***Appendix A*** provides photographs obtained during the site reconnaissance.

The site inspection was limited due to the disrepair of the building. The following pertinent information was obtained during the Subject Property Reconnaissance:

1. Industrial Processes:

    - No industrial processes were observed at the Subject Property. No evidence of historical industrial processes was observed at the Subject Property.

2. Suspect Asbestos-Containing Materials:

    - No visual evidence of suspect asbestos-containing material was identified at the Subject Property.

3. Suspect Lead-Based Paint:

    - No evidence of peeling paint was identified at the Subject Property.

4. Drum Storage Areas:

    - No current or former drum storage areas were observed at the Subject Property.

    - Several drums of petroleum are present in the 3 service bays. Petroleum staining was observed in the vicinity of the drums and atop the drums. The concrete surface in the vicinity of the drums is in good to fair condition. The staining appears to be reflective of poor housekeeping and should not impact upon the environmental quality of the Subject Property.

5. Storage Tanks:

    - A 275-gallon aboveground waste oil tank is located in the northern portion of the property. The waste oil AST is in fair condition; petroleum staining was observed atop the AST. No stains, odors or evidence of spills were observed in the vicinity of the AST. The waste oil AST should not impact upon the environmental quality of the Subject Property.

    - A fill port for a heating oil tank is located beneath the floor of the southern service bay. The word “oil” is painted on the concrete floor next to the fill port. A vent pipe is located along the southern exterior wall of the building. No stains, odors or evidence of spills were noted in the vicinity of the fill port or vent pipe.

    - A concrete pad indicative of underground storage tank(s) was observed in the eastern portion of the property. Several concrete filled fill ports were observed within the footprint of the concrete pad; the total number of former fill ports was unable to be determined due to the presence of parked cars. Five vent pipes were observed through the western roof of the building.

      The presence of the concrete pad, current and former fill ports and vent pipes is indicative of underground storage tanks and should be considered a REC.

6. Subsurface Drainage Structures/Drains:

    - No subsurface drainage structures, such as leaching pools, cesspools or drywells were observed at the Subject Property. No evidence of former subsurface drainage structures were observed at the Subject Property.

      No floor drains were identified at the Subject Property.

7. PCB-Containing Equipment:

    - A hydraulic in-ground lift is present in the 3 service bays. The in-ground lift is in working condition. No staining was observed in the vicinity of the piston. Due to the storage of hydraulic oil, the presence of the in-ground lift should be considered a REC.

    - Other than fluorescent light ballast(s), no other PCB-containing equipment was identified at the Subject Property.

8. Monitoring / Potable Water Wells:

    - No monitoring wells were identified at the Subject Property. No monitoring wells were identified on the adjacent properties. The Subject Property does not utilize wells for the generation of potable water.

9. Mold

    - No visual evidence of mold was identified at the Subject Property.

10. Pits, Ponds, or Lagoons:

    - No waste disposal pits, ponds, or lagoons were observed at the Subject Property. No evidence of former pits, ponds, or lagoons was observed at the Subject Property.

11. Distressed Vegetation:

    - No distressed vegetation was observed at the Subject Property.

12. Fill / Land Disposal:

    - No visual areas of fill or evidence of land disposal of material(s) were observed at the Subject Property.

13. Engineering Controls:

    - No visual evidence of engineering controls were noted at the Subject Property.

14. Odors:

    - No odors indicative of a petroleum, chemical or hazardous substance spill or release were identified at the Subject Property.

15. Hazardous Substance / Petroleum Containers:

    - No evidence of suspect hazardous substance or other petroleum containers were identified at the Subject Property.

- Significant petroleum staining was observed in the vicinity of various auto parts situated in the northern portion of the property. The staining is present atop of asphalt that appears to be in poor condition. Due to the condition of the asphalt, the petroleum staining may have adversely impacted the subsurface soil and should be considered a REC.

5.0 REGULATORY AGENCY DOCUMENTS

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

- New York City Department of City Planning
- New York City Department of Building
- New York City Department of Housing Preservation and Development
- New York City Department of Health
- New York City Bureau of Fire Department
- New York State Department of Environmental Conservation
- New York City Department of Environmental Protection

New York City Department of City Planning
All obtainable FOIA documents were obtained via written request or other means. The address of the Subject Property is identified as 335-341 Grand Concourse, Bronx, New York. The Tax Map number for the Subject Property are listed as Block 2345, Lot 1.

The property has been identified with "E" Designation 227 (CEQR #108DCO071X) for HazMat / Noise / Air. The presence of the "E" Designation represents a REC.

The Department of Finance Occupancy Code is listed as "G-9 Garage/Gas Station". The former use of the property as a gasoline station may have adversely impacted upon the environmental quality of the Site and should be considered a REC.

New York City Department of Building
All obtainable FOIA documents were obtained via written request or other means. A FOIA request was submitted to the New York City Department of Building (NYCDOB). The NYCDOB indicates that there is 1 Complaint (none open), no violations, no ECB violations and 25 actions for the property.

The Certificate of Occupancy (C of O) in the NYCDOB records indicates that the building was constructed during 1921.

New York City Department of Housing Preservation and Development
A FOIA request was submitted to the New York City Department of Housing Preservation and Development (NYCHPD). The NYCHPD was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCHPD has not responded to our initial search request or subsequent follow-up calls. Any information provided by the NYCHPD will be provided as soon as it has been received and evaluated.

New York City Department of Health
A FOIA request was submitted to the New York City Department of Health (NYCDOH). The NYCDOH was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCDOH has not responded to our initial search request or subsequent follow-up calls. Any information provided by the NYCDOH will be provided as soon as it has been received and evaluated.

New York City Bureau of Fire Prevention
A FOIA request was submitted to the New York City Bureau of Fire Prevention (NYCBFP). The NYCBFP was contacted via telephone to obtain the status of the FOIA request. As of the date of this report, the NYCBFP has not responded to our initial search request or subsequent follow-up calls. Any information provided by the NYCBFP will be provided as soon as it has been received and evaluated.

New York State Department of Environmental Conservation
A FOIA request was submitted to the New York State Department of Environmental Conservation (NYSDEC). As of the date of this report, the NYSDEC has not responded to our initial search request. Any information provided by the NYSDEC will be provided as soon as it has been received and evaluated.

The NYSDEC website was also searched for any records associated with the Subject Property. The Subject Property was not identified on the NYSDEC spills database website.

New York City Department of Environmental Protection
A FOIA request was submitted to the New York City Department of Environmental Protection (NYCDEP). As of the date of this report, the NYCDEP has not responded to our initial search request. Any information provided by the NYCDEP will be provided as soon as it has been received and evaluated.

6.0 SITE HISTORY

6.1 Sanborn Maps

Sanborn Fire Rate Insurance Maps for the Subject Property and its vicinity dated 1891, 1908, 1935, 1944, 1946, 1947, 1951, 1977, 1978, 1980, 1981, 1984, 1986, 1989, 1991, 1992, 1993, 1994, 1995, 1996, 1998, 2001, 2002, 2003, 2004, 2005, 2006, 2007 were obtained and evaluated in order to establish the history of the Site. ***Appendix C*** provides a copy of the Sanborn Fire Rate Insurance Maps.

Date	Subject Property Shown As	Surrounding area
1891-1908	Vacant	Residential/vacant
1935	Garage. Two 550-gallon tanks buried	Residential/commercial
1944-1981	Filling station. 1-story building. 5 gas tanks.	Commercial
1984-2007	1-story building. Auto repair (not marked filling station)	Commercial

6.2 City Directory Search

In order to further assess the property's history, available City Directory files were obtained from EDR for review. The City Directories document known occupants of specific properties and sorted by individual addresses. ***Appendix D*** provides a copy of the City Directory Search.

The following provides a listing of all documented usages of the address 335 Grand Concourse:

Date	Use of Subject Property	Surrounding Property Use
1927-2005	1961-Arty's Texaco Service Station 1965- Arty's Texaco Service Station 1971- Arty's Texaco Service Station, Arista Service Center 1976-Cosmes Service Center, Arty's Texaco Service Station 1983-Henry's Scientific Auto Service 1993-Henry's Scientific Auto Service 2000-J&J Auto Body, Elco-1 Auto Repair 2005-Eagle Auto Repair, A-1 Towing	Commercial

6.3 Previous Studies

Hydro Tech was not provided with any historical reports or previous studies for the Subject Property.

6.4 Historical Use Summary

Based on a review of available information provided and/or obtained for the Subject Property as of the date of this ESA, it appears that the Subject Property was developed between 1908 and 1935 with a gasoline station. The current building was constructed between 1908 and 1935. Gasoline tanks were noted at the Subject Property. This information verifies the former use of the property as a gasoline station.

Numerous data gaps (maximum 26 years) were noted in the historical map review. Due to other historical information obtained over the course of this investigation, Hydro Tech does not consider this data failure/data gap significant, as it appears unlikely to have affected potential Recognized Environmental Conditions at the subject site.

7.0 NEIGHBORHOOD HAZARDOUS WASTE DATABASES

Federal, State, Local and Tribal hazardous waste databases were reviewed with respect to the Subject Property and surrounding properties. The search areas for each database were specified by ASTM E 1527. In addition, all orphan sites (those without adequate information for mapping purposes) listed in the database search were also reviewed, evaluated and incorporated (as needed). ***Appendix F*** provides a copy of the Database Search Results. The following databases, with the appropriate search radius, were reviewed:

ASTM Standard Environmental Record Source	**Approx. ASTM Minimum Search Distance (MSD)**	**Number of Mapped Sites within MSD**	**Number of Orphan Sites**
1. NPL (Superfund) *National Priorities List*	1.0 Mile	0	0
2. Delisted NPL Site *Delisted National Priorities List Site*	0.5 Mile	0	0
3. CERCLIS *Comprehensive Environmental Response Compensation & Liability Information System*	0.5 Mile	0	0
4. CERCLIS NFRAP *CERCLIS No Further Remedial Action Planned Site*	0.5 Mile	0	0
5. RCRA-TSD CORRACTS *Resource Conservation & Recovery Treatment/Storage/Disposal Facility Subject to Corrective Action*	1.0 Mile	0	0
6. RCRA-TSD *Resource Conservation & Recovery Treatment/Storage/Disposal Facility (Non-Corrective Action)*	0.5 Mile	0	0
7. RCRA-LG *Resource Conservation & Recovery Large Quantity Generator*	Site & Adjoining	0	3
8. RCRA-SG *Resource Conservation & Recovery Small Quantity Generator*	Site & Adjoining	0	0
9. ERNS *Emergency Response Notification System*	Property Only	0	0
10. Local / State / Tribal UST, PBS *Registered Storage Tanks*	Site & Adjoining	0	0
11. Local / State / Tribal LTANKS *Leaking Underground Storage Tanks*	0.5 Mile	69	0
12. State Spill Incidents *NYSDEC Spill Sites*	0.125 Mile	28	12
13. Local / State / Tribal SWF *Solid Waste Facility / Landfill*	0.5 Mile	3	0
14. Local / State / Tribal CERCLIS *Inactive Hazardous Waste Disposal Site*	0.5 Mile	0	0
15. Inst. / Engineering Controls *Registry of Institutional and/or Engineering Controls*	Property Only	0	0
16. Voluntary Cleanup Program Sites *Local / State / Tribal VCP Sites*	0.5 Mile	0	0
17. Brownfield Sites *Local / State / Tribal Brownfield Sites*	0.5 Mile	2	0
18. Non-ASTM Record Source(s)	Not Applicable	No MSD has been established by ASTM for these sources	

The review and evaluation of the above Federal and State/Tribal/Local Databases indicates that the Subject Property is identified on the "E" Designation database. This listing as an "E" Designated property has been already identified and discussed.

The Site is also listed in the UST/AST database. The registration number is 2-607912 and has an expiration date of July 8, 2012. The property is identified as Eagle Auto Repair. One 275-gallon AST is registered for the property. The property's listing in the UST/AST database confirms the current/historical use of petroleum.

Sixty nine sites are listed in the Leaking Underground Storage Tanks (LUSTs) database within a ½ mile radius of the Subject Property. All but 3 of the sites have been cleaned up to the satisfaction of the NYSDEC and are closed. One of the 3 active sites has impacted groundwater and is located upgradient to the Subject Property. Of the other 2 sites, 1 has impacted soil and the other has impacted groundwater and is located downgradient of the Subject Property. The plume at the upgradient site impacting groundwater has been delineated and is currently under active remediation. None of the active LUST sites should impact upon the environmental quality of the Subject Property.

Twenty eight properties are listed in the NY Spills database within a ⅛ mile radius of the Subject Property. All but 2 of the spill cases have been resolved by the NYSDEC and as such, they should not impact upon the environmental quality of the Subject Property. Of the remaining 2 sites, 1 has impacted only the soil and the remaining site is upgradient of the Subject Property and has impacted groundwater. However, active remediation has been undertaken on this spill. None of the NY Spill sites should impact upon the environmental quality of the Subject Property.

Three SWF are located within ½ mile of the Subject Property. Based upon their proximity to the Subject Property, the SWF sites should not adversely impact upon its environmental quality.

Two NYS Brownfield sites are located within ½ mile of the Subject Property. Based upon their proximity to the Subject Property, the NYS Brownfield sites should not adversely impact upon its environmental quality.

None of the remaining properties identified in the databases should impact upon the environmental quality of the Subject Property.

8.0 INTERVIEWS & CLIENT / USER-PROVIDED INFORMATION

During the course of the Phase I Assessment, interviews were conducted with respect to the operation and history of the Site and a Client/User Questionnaire was provided.

1. The client/user did not respond to Hydro Tech's request for information regarding Environmental Liens or Activity and Use Limitations against the property that may have been filed or recorded under federal, tribal, state, or local law.

2. The client/user reported no specialized or actual knowledge or experience related to potential Recognized Environmental Conditions at the Subject Property or nearby properties.

3. The client/user did not respond to Hydro Tech's request for information regarding the relationship of the purchase price of the property to fair market value, specifically if it has been adjusted due to the known or potential presence of on-site contamination.

4. The client/user reported no commonly known information or information within the local community regarding past use(s) of the property (including the storage and/or release of chemicals, hazardous substances, petroleum products, etc.) that could have affected the environmental integrity of the subject site.

5. The client/user reported no environmental contamination or cleanups have occurred at the property.

6. Hydro Tech's Environmental provided the Questionnaire for the client/user to complete. The client did not provide the completed questionnaire to Hydro Tech Environmental for review.

8.1 Past and Present Site Associates

Hydro Tech was not provided with historical owners, operators or occupants during the performance of the Phase I Assessment.

In addition, although an interview with the former owner(s) was not possible as none were provided to Hydro Tech as of the date of this ESA, we do not believe that any such owner(s) would have additional material information regarding the potential for contamination at the property that was not obtained from other sources over the course of this investigation.

9.0 CONCLUSIONS

Hydro Tech has performed a Phase I Environmental Site Assessment of the Subject Property located at 335 Grand Concourse, Bronx, New York. Based upon the findings of the Phase I Assessment, the following Recognized Environmental Condition(s):

- The suspected presence of underground storage tanks (§4.0).
- The presence of an in-ground hydraulic lift (§4.0).
- The presence of significant petroleum staining atop of asphalt in poor condition (§4.0).
- The presence of E Designation (§5.0).
- The former use of the property as a gasoline station (§5.0).

Other than the item(s) listed above, no further work is required to assess the environmental quality of the Subject Property.

10.0 RECOMMENDATIONS

Based upon the conclusions presented above, the following recommendation(s) are provided:

- A Phase II Assessment should be conducted in order to evaluate the potential impact from the current and historical tanks and the former site use as a gasoline station.
- Any future development should be coordinate with the NYC Mayor's Office of Environmental Remediation.

11.0 CREDENTIALS & DECLARATION

11.1 Credentials

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

11.2 Environmental Professional Declaration

We declare that to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in 40 CFR Part 312. We have the specific qualifications based on education, training and experience to access a property of the nature, history and setting of the Subject Property. Only where indicated we have developed and performed the AAIs in conformance with the standards and practices set forth in 40 C.F.R. Part 312.

12.0 REFERENCES

1. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM E 1527-05, American Society for Testing and Materials, West Conshohocken, PA.

2. Principals of Groundwater Engineering, William C. Walton, Lewis Publishers, Inc., 1991.

3. The Long Island Ground Water Pollution Study, New York State Department of Environmental Conservation, 1972.

4. *Geochemical traverse across Cameron's Line, Boro Hall Park, Bronx, New York*, Cadmus, D., Hodgson, R., Gatto, L.M., and Puffer, J.H., Geology Department, Rutgers University, Newark, NJ.

5. *EDR Environmental Data Resources, 1127 Bedford Avenue, November 14, 2011.* The EDR – Sanborn Fire Insurance Maps, Milford, Connecticut.

6. *EDR Environmental Data Resources, 1127 Bedford Avenue, November 14, 2011.* The EDR – City Directory Abstract, Milford, Connecticut.

7. *EDR Environmental Data Resources, 1127 Bedford Avenue, November 14, 2011.* The EDR – Radius Map, Milford, Connecticut.

13.0 EXCLUSIONS & DISCLAIMER

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

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

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

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

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

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

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

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

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

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

FIGURES

0′ 10′ 20′

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

www.hydrotechenvironmental.com

335 Grand Concourse
Bronx, NY
HTE Job# 120006

Drawn By:	C.Q
Reviewed By:	M.R
Approved By:	M.S
Date:	01/27/12
Scale:	AS NOTED

TITLE:

FIGURE 1: SITE PLAN

APPENDIX A
PHOTOGRAPHS


NOS MUDAMOS


TEDDY'S PLACE AUTO REPAIR

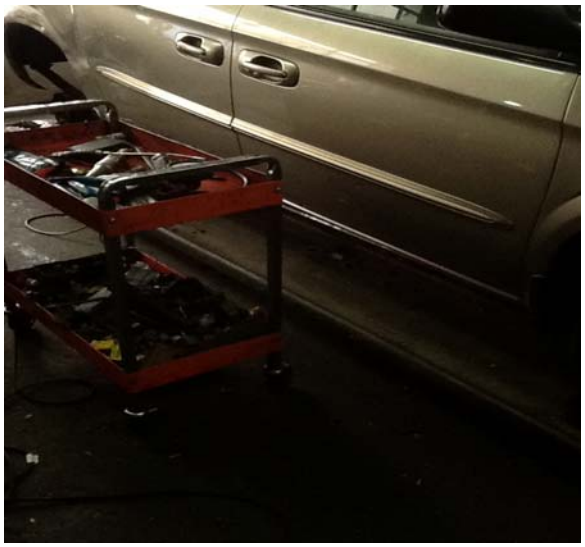

LMC
Car Wash & Lube
Castrol
LUBE


NOS MUDAMOS


ALL CITY CORPORATE TRANSPORTATION INC


AUTO REPAIR


AUTO REPAIR
N.Y.S. INSPECTION STATION




AUTO BODY & COLLISION REP
INSURANCE ESTIMATE * TOWING AVAILABLE


FOR SALE/RENT
FRONTIER

APPENDIX B
REGULATORY AGENCY DOCUMENTS

NYC Environmental Protection

Carter H. Strickland, Jr.
Commissioner

Robin M. Levine
General Counsel
Bureau of Legal Affairs

59-17 Junction Boulevard
Flushing, NY 11373
T: (718) 595-3448
F: (718) 595-6543

January 18, 2012

Ms. Shana Cross
Hydro Tech Environmental, Corp.
77 Arkay Drive, Suite G
Hauppauge, NY 11788

Dear Ms. Cross:

Re: 335 Grand Concourse

We hereby acknowledge receipt of your **Freedom of Information Law** request dated January 17, 2012.

Your request is important to us and will be handled as expeditiously as possible. You are advised, however, that because of the large increase in the volume of such requests your response may be delayed.

If you have any questions, please call Brenda Farren, Records Access Officer, at (718) 595-3448. Please refer to the ***FOIL log number(s)*** listed below when calling.

Sincerely,

Brenda Farren

Brenda Farren
FOIL Access Officer

FOIL log #(s) 77400, 77401, 77402, 77403

Shana Cross

From: Foil r2foil [r2foil@gw.dec.state.ny.us]
Sent: Wednesday, January 25, 2012 11:07 AM
To: Shana Cross
Subject: R2-12-105 Ack. letter

January 25, 2012

FOIL: R2-12-105

Shana Cross/Hydro Tech Env., Corp.
631-462-5866
F 631-462-5877
scross@hydrotechenvironmental.com

Re: 335 Grand Concourse in the Bronx

Dear Ms. Cross:

We are in receipt of your Foil request for the above referenced site. The identification Number(s) assigned is: R2-12-105.

If for any reason you need to contact us again please use these numbers. When the programs are done gathering the files/information, this office will contact you.

Please email your future FOILs to Region 2 directly to the following email address:
r2foil@gw.dec.state.ny.us

Please expect our response within 20 business days from the date of this letter.

If you have any questions @ your FOIL, please call Gloria Silva/ or Cynthia Whiting/FOIL Secretary at 718-484507, or email me providing the above FOIL # at: r2foil@gw.dec.state.ny.us

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

Please be advised that in your future submission of FOILs to Region 2, you should include the Spill(s), or PBS(s) number(s) to expedite your request. This will give you more information @ all records that we may have related to your FOIL(s). So that you will submit FOILs, for those that the additional information/records are needed.

NYSDEC public websites that are listed below:

Please be advised that relevant information responsive to your request may be found at the following Department of Environmental Conservation/Remediation's websites:
The Spills Database link is as follows:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=1

HWR/Environmental Remediation Website:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3

The PBS Database link is as follows:

http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=4

Also, you can search for Permits issued by NYSDEC by using the Link:
http://www.dec.ny.gov/cfmx/extapps/envapps/

If you need assistance on how to search the above websites, please contact me.

Please email your future FOILs to Region 2 directly to the following email address:
r2foil@gw.dec.state.ny.us

If after your search, additional information/records are needed, please include the spill #(s), or PBS #(s), Permit #(s) and exact street address of the site(s) you are requesting information for, and email your request(s) to Region 2. Please note that Region 2 policy is to submit a FOIL request for a maximum of two (2) sites/FOIL. If you didn't provide the results (i.e. spills/PBS #s) of your websites search within 10 days, your FOIL will be closed

You may resubmit your FOIL again providing the above requested information.

Thank you for your FOIL request. If you have any questions, please call Gloria Silva/FOIL Secretary at (718) 482-4507, or email me providing the above FOIL # at: r2foil@gw.dec.state.ny.us.

Sincerely yours,

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator & FOIL Coordinator
New York State Department of Environmental Conservation
Region 2
47-40 21St Street
Long Island City, NY 11101
Tel:(718) 482-4507
Fax:(718) 482-6729
r2foil@gw.dec.state.ny.us

Fawzy I. Abdelsadek, Ph.D., P.E.
Regional Enforcement Coordinator & FOIL Coordinator
New York State Department of Environmental Conservation
Region 2
47-40 21St Street
Long Island City, NY 11101
Tel:(718) 482-4992
Fax:(718) 482-6729
r2foil@gw.dec.state.ny.us

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

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

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

- ☐ Bid/ Procurement (ACCO)
- ☑ Asbestos (BEC)
- ☑ Hazardous materials emergency response (BEC)
- ☐ Right To Know (BEC)
- ☑ Air permits/complaints/ inspections (BEC)
- ☑ Noise complaints/ inspections (BEC)
- ☐ Notices of Violation and decisions (ECB)
- ☐ Environmental Review/SEQRA (OEPA)
- ☑ Industrial Pretreatment/ sewer discharge violations (BWT)
- ☐ Water main/line repair/construction (BWSO)
- ☐ Sewer main/line repair/construction (BWSO)
- ☐ Water Quality (BWS/WQ)
- ☐ Watershed/ reservoir operations (BWS)
- ☐ Watershed area incident reports (DEP PD)
- ☐ Water bill accounts/ metering (BCS)
- ☐ Personnel records (HRM)
- ☑ Wastewater Treatment Plant operations (BWT)
- ☐ _____

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

Location: 335 Grand Concourse, Bronx, NY Block: 2345 Lot: 1.

Time frame/date of records: _____

Name: Shana Cross Phone: 631-462-5566 E-Mail: scross@hydrotechenvironmental.com

Firm: Hydro Tech Environmental Corp.

Address: 77 Arbay Drive, Ste G City Hauppauge State NY Zip Code 11788

Signature: _____ Date: 1/17/12

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

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

_____ (Department Representative) _____ (Bureau) _____ (Phone No.)

Number of Pages: _____ x$.25 per page = Cost: _____

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

- ☐ Exempt: State/Fed. Statute (2(a))
- ☐ Invasion of personal privacy (2(b))
- ☐ Competitive position injury (2(d))
- ☐ Exempt: Law Enforcement (2(e))
- ☐ Inter/Intra-agency material (2(g))
- ☐ (Other) _____

Brief Description of records not subject to disclosure _____

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

☐ **UNAVAILABLE** - - for reason(s) checked:

- Not described in sufficient detail
- After search, no records responsive to request located
- Not maintained by this Department
- (Other) _____

LOG NO.: _____

(Department Representative) **(Bureau)** **(Date)**

☐ Fee Waived ☐ Check/M.O. received ☐ Check/M.O. requested DOC# 050901

NYC Environmental Protection

Carter H. Strickland, Jr.
Commissioner

Kevin T. McBride
Deputy Commissioner
Bureau of Police & Security
kmcbride@dep.nyc.gov

59-17 Junction Boulevard
Flushing, NY 11373
T: (718) 595-3120
F: (718) 595-3207

February 7, 2012

Ms. Shana Cross
Hydro Tech. Environmental Corp.
77 Arkay Drive, Ste-G
Hauppauge, N.Y 11788

RE: 335 Grand Concourse, Bronx

Dear Ms. Cross:

The Division of Emergency Response and Technical Assessment have received your Freedom of Information Law request regarding the above-mentioned location. We have searched our files and have not discovered any information relevant to your request.

If we can be of further assistance, please do not hesitate to contact our office at (718) 230-7306.

Very truly yours,

GREGORY HOAG

Gregory Hoag
Executive Director
Division of Emergency Response
And Technical Assessment

Log # 77403

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Thomas Farley, MD, MPH
Commissioner

Health

Christopher D'Andrea
Deputy Director

Office of Environmental Investigations
125 Worth St., Room 630
New York, NY 10013

Tel. 1 212 442 3372
Fax 1 212 788 4299

February 13, 2012

Hydro Tech Environmental, Corp.
77 Arkay Drive, Suite G
Hauppauge, NY 11788

Request No: 2012FR00277

Dear Shana Cross:

In response to your recent request for environmental records on:

- 335 Grand Concourse, Bronx, NY

Please note the following:

☒ The Office of Environmental Investigations has "NO" record of an investigation at the above address.

☐ Enclosed are copies of the requested records we have on file.

Sincerely,

Christopher D'Andrea, MS, CIH
Deputy Director

Cc: Renee Bryant

NYC Environmental Protection

January 24th, 2012

Carter H. Strickland Jr.
Commissioner

Michael Gilsenan
Assistant Commissioner
Environmental Compliance

Steven A. Camaiore, P. E.
Director

59-17 Junction Boulevard
8th Floor
Flushing, NY 11373

Ms. Shana Cross
Hydro Tech Environmental, Corp.
77 Arkay Drive – Suite G
Hauppauge, New York 11788

Dear Ms. Cross:

RE: 335 Grand Concourse
Phase 1

In respond to your Freedom of Information Law request, dated January 18th, 2012. The Asbestos Control Program searched its files and has no records for the above-mentioned premise (s).

If you have any further questions, please do not hesitate to contact me at (718) 595-3677.

Sincerely,

Josianne Dieudonne

NYC Buildings

NYC.gov always open

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Property Profile Overview

335 GRAND CONCOURSE BRONX 10451 BIN# 2001030

GRAND CONCOURSE	335 - 341	Health Area	: 3800	Tax Block	: 2345
EAST 140 STREET	NO NUMBER	Census Tract	: 63	Tax Lot	: 1
		Community Board	: 201	Condo	: NO
		Buildings on Lot	: 1	Vacant	: NO

View DCP Addresses... Browse Block

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

Cross Street(s):	EAST 140 STREET, EAST 144 STREET		
DOB Special Place Name:			
DOB Building Remarks:			
Landmark Status:		**Special Status:**	N/A
Local Law:	NO	**Loft Law:**	NO
SRO Restricted:	NO	**TA Restricted:**	NO
UB Restricted:	NO		
Little 'E' Restricted:	HAZMAT/NOISE/AIR	**Grandfathered Sign:**	NO
Legal Adult Use:	NO	**City Owned:**	NO
Additional BINs for Building:	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: G9-GARAGE/GAS STAT'N

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	1	0
Violations-DOB	0	0
Violations-ECB (DOB)	0	0
Jobs/Filings	0	
ARA / LAA Jobs	0	
Total Jobs	0	
Actions	25	

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.

NYC Buildings

NYC.gov always open

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Complaints By Address

Click here for information on how to remove a Stop Work Order from your property

1 Total Complaints

Page: 1 of 1

View SWO Complaints BIN: 2001030

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

Complaint Number	Address	Date Entered	Category	Inspection Date	Disposition	Status
2053150	341 GRAND CONCOURSE	07/15/2003	74	07/15/2003	I2	RES

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

NYC Buildings

NYC.gov always open

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Overview for Complaint #:2053150 = RESOLVED

Complaint at: 341 GRAND CONCOURSE **BIN:** 2001030 **Borough:** BRONX **ZIP:** 10451

Re: CONTRARY TO SPECIAL GRAND CONC ZONING

Category Code: 74 ILLEGAL COMMERCIAL/MANUFACTURING USE IN RESIDENTIAL ZONE

DOB District: N/A
Special District:

Assigned To: BRONX BOROUGH OFFICE **Priority:** C

Received: 07/15/2003 12:39 **Block:** 2345 **Lot:** 1 **Community Board:** 201
Owner: VICTOR ENRIQUE PITA

Last Inspection: 07/15/2003 - - BY BADGE # 1945
Disposition: 08/06/2003 - I2 - NO VIOLATION WARRANTED FOR COMPLAINT AT TIME OF INSPECTION
Comments: INSPD 7/11/03. OCCUPANCY IN CONFORMANCE WITH ZONING AS PER C.O. 164-1924

Complaint Disposition History

Disposition Date	Disposition Code	Disposition	Inspection By	Date

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 Buildings

NYC.gov always open

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Actions

Premises: 335 GRAND CONCOURSE BRONX BIN: 2001030 Block: 2345 Lot: 1

NUMBER		TYPE	FILE DATE
			00/00/0000
ALC 358-39			00/00/1939
ALT 23-1924		ALTERATION	00/00/0000
ALT 700-49		ALTERATION	00/00/1949
BN 790-40		BUILDING NOTICE	00/00/0000
BN 790-40		BUILDING NOTICE	00/00/1940
CO N.B. 2169-1921	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/0000
CO ALT. 164-1924	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/0000
CO N.B. 2288-1921	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/0000
DLC 797			00/00/0000

Next

Enter Action Type: Or Select from List: Select... Refresh

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

1/13/2012

122911

HPD Building, Registration & Violation Services --- Select --- Home

The selected address: 335 GRAND CONCOUR SE, Bronx 10451

HPD#	Range	Block	Lot	CD	CensusTract	Stories	A Units	B Units	Ownership	MDR#	Class
81942 Active	335-341	02345	0001	1	5700	1	0	0	PVT	0	N/A

Other Units

Property Owner Registration Information

Charges

Map

Complaint Status

Complaint History

Carbon Monoxide Certificate

Litigation/Case Status

All Open Violations

prior year Open Viol.'s

Ecertification

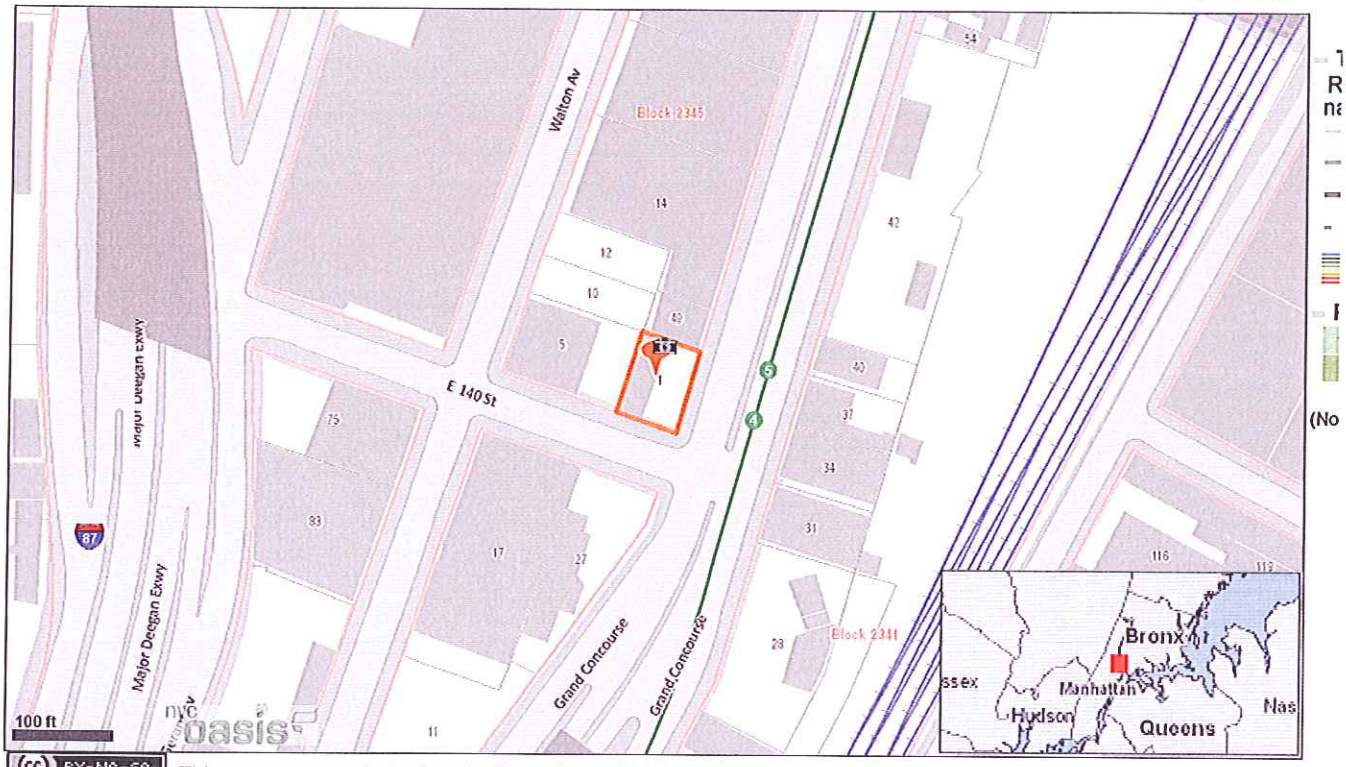
I-Card Images

Property Registration Assistance

There is no registration information for this building.

No violations were retrieved.

335 Grand Concourse, Bronx, New York



Location Report

Property Information (1)

335 GRAND CONCOURSE, BRONX 10451

Transportation / Utility

Owner: ENRIQUE PITA
Block: 2345 **Lot:** 1
Property Characteristics:
Lot Area: 4,937 sq ft (60.33' x 83.17')
# of Buildings: 1 **Year built:** 1931 (Year built is an estimate)
# of floors: 1 **Building Area:** 1,500 sq ft
Total Units: 2 **Residential Units:** 0
Primary zoning: C6-2A **Commercial Overlay:** None
Floor Area Ratio: 0.3 **Max. FAR:** 6.02
FAR may depend on street widths or other characteristics. Contact City Planning Dept. for latest information.
MORE INFO:

- **Zoning Map#:** 6a (how to read NYC zoning maps)
- **Historical Zoning Maps:** 6a
- NYC Dept. of Buildings
- Property transaction records
- NYC Dept. of Finance Assessment Roll
- NYC Digital Tax Map
- NYC zoning guide
- NYC Watershed Resources

OASIS shortcut to this property:
http://www.oasisnyc.net/printmap.aspx?zoomto=lot:2023450001

NYC Department of City Planning Census Factfinder

Find all census tracts within 0.25 mile(s) Go

YAHOO! Local search results for this address:

Know of something that's missing? Add it to YAHOO!

Stewards (3)

Bronx Land Trust
Feedback? Email Us.
Green Worker Cooperatives
Feedback? Email Us.
St. Ann Church
Feedback? Email Us.

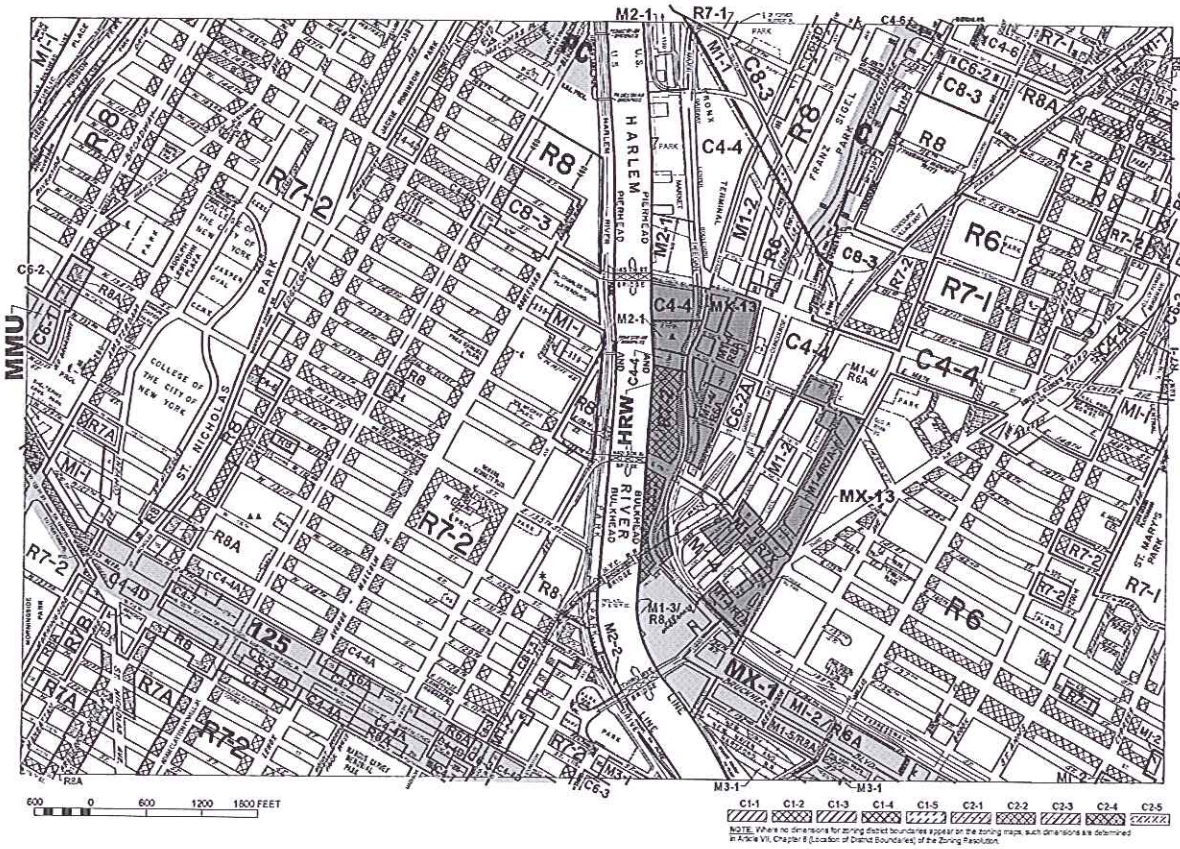
Stewards with large turfs (not mapped)

Community District (1)

Bronx 1 Community District Information
Chairperson: Mr. George Rodriguez
District Manager: Mr. Cedric Loftin
Address: 3024 Third Avenue, Bronx, NY, 10455
Phone: 718-585-7117 **Email:** brxcb1@optonline.net
Website: http://www.bronxmall.com/commboards/cd1.html
Meeting Information: Lincoln Hospital Conference Room, Rooms 5 and 6
Go to District Profile by NYC Dept. of City Planning

Political Districts (5)

NYC Council: District 17
NYS Assembly: District 84
NYS Senate: District 28
US House of Representatives: District 16
US Senate: New York



ZONING MAP

THE NEW YORK CITY PLANNING COMMISSION

Major Zoning Classifications:

The number(s) and/or letter(s) that follows an R, C or M District designation indicates use, bulk and other controls as described in the text of the Zoning Resolution.

R – RESIDENTIAL DISTRICT

C – COMMERCIAL DISTRICT

M – MANUFACTURING DISTRICT

SPECIAL PURPOSE DISTRICT
The letter(s) within the shaded area designates the special purpose district as described in the text of the Zoning Resolution.

AREA(S) REZONED

Effective Date(s) of Rezoning:

*04-06-2011 C 110097 ZVM
03-23-2011 C 110115 ZMX

Special Requirements:

For a list of lots subject to CEQR environmental requirements, see APPENDIX C.

For a list of lots subject to "D" restrictive declarations, see APPENDIX D.

For Inclusionary Housing designated areas on this map, see APPENDIX F.

CITY MAP CHANGE(S):

▲▲ 10-28-2011 C 110068 MMU
▲ 09-03-2011 C 090186 MMX

MAP KEY

	3b	3d
5c	6a	6c
5d	6b	6d

ZONING MAP 6a

C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 C2-4 C2-5

NOTE: Where no dimensions for zoning district boundaries appear on the zoning maps, such dimensions are determined in Article VII, Chapter 8 (Location of District Boundaries) of the Zoning Resolution.

NOTE: Zoning information as shown on this map is subject to change. For the most up-to-date zoning information for this map, visit the Zoning section of the Department of City Planning website www.nyc.gov/planning or contact the Zoning Information Desk at (212) 720-3291

APPENDIX C
FIRE INSURANCE MAPS

335 Grand Concourse
335 Grand Concourse
Bronx, NY 10451

Inquiry Number: 3240983.3
January 17, 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

1/17/12

Site Name:
335 Grand Concourse
335 Grand Concourse
Bronx, NY 10451

Client Name:
Hydro Tech Env. Corp.
77 Arkay Drive
Hauppauge, NY 11788-0000

EDR Inquiry # 3240983.3

Contact: Shana Cross

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 Hydro Tech Env. Corp. 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: 335 Grand Concourse
Address: 335 Grand Concourse
City, State, Zip: Bronx, NY 10451
Cross Street:
P.O. # 4938
Project: 120006
Certification # AE73-4987-A98B

Maps Provided:

2007	2001	1992	1980	1944
2006	1998	1991	1978	1935
2005	1996	1989	1977	1908
2004	1995	1986	1951	1891
2003	1994	1984	1947	
2002	1993	1981	1946	

Sanborn® Library search results
Certification # AE73-4987-A98B

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™

Limited Permission To Make Copies

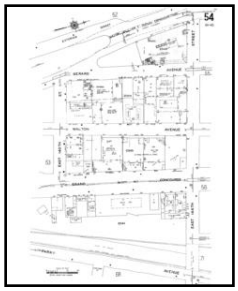
Hydro Tech Env. Corp. (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Sanborn Sheet Thumbnails

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

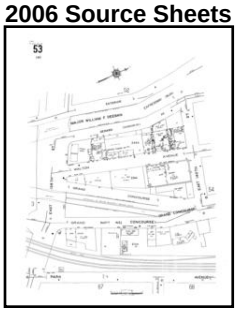
2007 Source Sheets

Volume 9N, Sheet 53

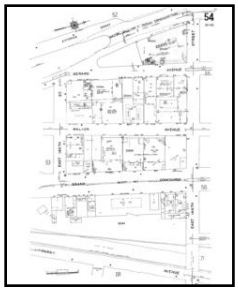


Volume 9N, Sheet 54

2006 Source Sheets



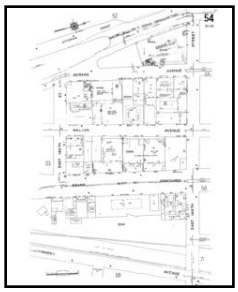
Volume 9N, Sheet 53



Volume 9N, Sheet 54

2005 Source Sheets

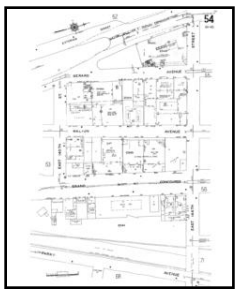
Volume 9N, Sheet 53



Volume 9N, Sheet 54

2004 Source Sheets

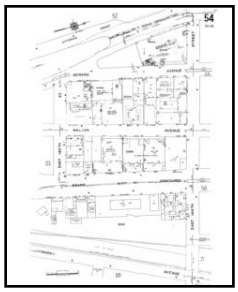
Volume 9N, Sheet 53



Volume 9N, Sheet 54

2003 Source Sheets

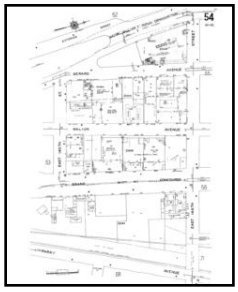
Volume 9N, Sheet 53



Volume 9N, Sheet 54

2002 Source Sheets

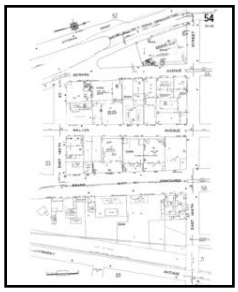
Volume 9N, Sheet 53



Volume 9N, Sheet 54

2001 Source Sheets

Volume 9N, Sheet 53



Volume 9N, Sheet 54

1998 Source Sheets

Volume 9N, Sheet 53

Volume 9N, Sheet 54

1996 Source Sheets

Volume 9N, Sheet 53

Volume 9N, Sheet 54

1995 Source Sheets

Volume 9N, Sheet 53

Volume 9N, Sheet 54

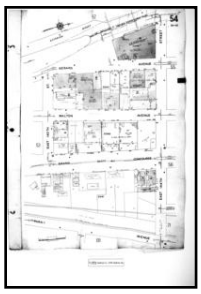
1994 Source Sheets

Volume 9N, Sheet 53

Volume 9N, Sheet 54

1993 Source Sheets

Volume 9N, Sheet 53



Volume 9N, Sheet 54

1992 Source Sheets

Volume 9N, Sheet 53

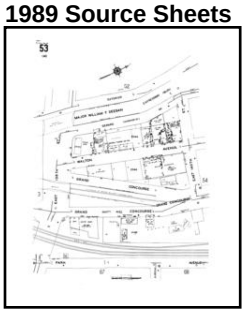
Volume 9N, Sheet 54

1991 Source Sheets

Volume 9N, Sheet 53

Volume 9N, Sheet 54

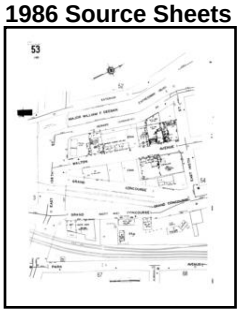
1989 Source Sheets



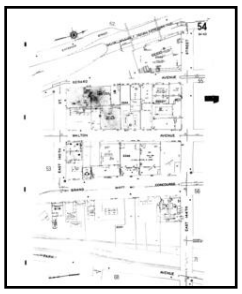
Volume 9N, Sheet 53

Volume 9N, Sheet 54

1986 Source Sheets



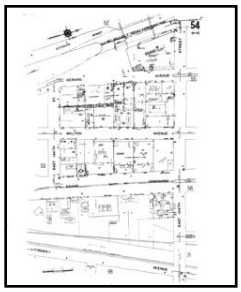
Volume 9N, Sheet 53



Volume 9N, Sheet 54

1984 Source Sheets

Volume 9N, Sheet 53



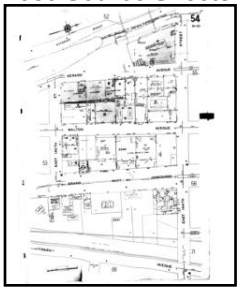
Volume 9N, Sheet 54

1981 Source Sheets

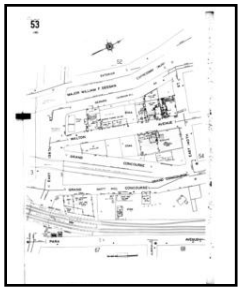
Volume 9N, Sheet 53

Volume 9N, Sheet 54

1980 Source Sheets

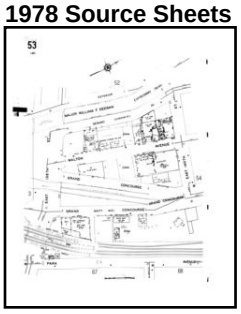


Volume 9N, Sheet 54

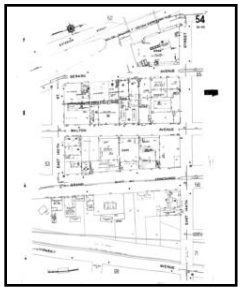


Volume 9N, Sheet 53

1978 Source Sheets



Volume 9N, Sheet 53



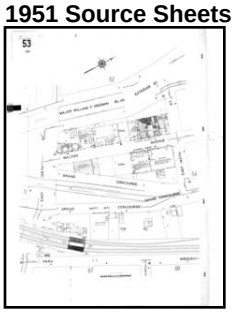
Volume 9N, Sheet 54

1977 Source Sheets

Volume 9N, Sheet 53

Volume 9N, Sheet 54

1951 Source Sheets



Volume 9N, Sheet 53

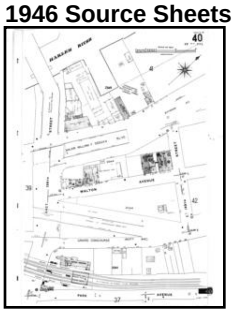
Volume 9N, Sheet 54

1947 Source Sheets

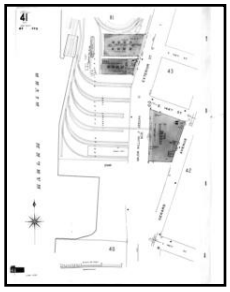
Volume 9N, Sheet 53

Volume 9N, Sheet 54

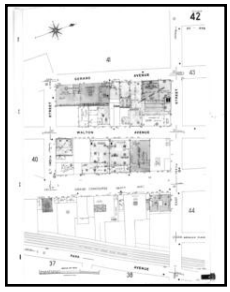
1946 Source Sheets



Volume 9, Sheet 40

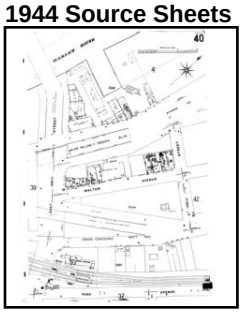


Volume 9, Sheet 41

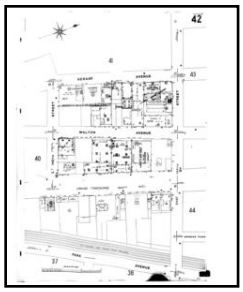


Volume 9, Sheet 42

1944 Source Sheets



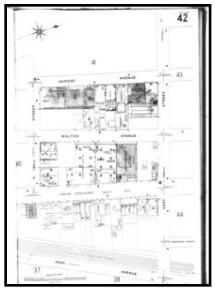
Volume 9, Sheet 40



Volume 9, Sheet 42

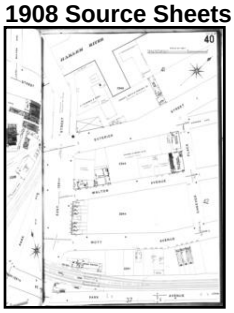
1935 Source Sheets

Volume 9, Sheet 40

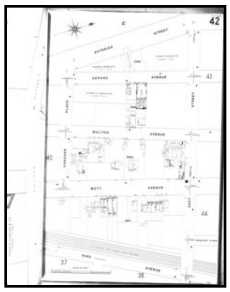


Volume 9, Sheet 42

1908 Source Sheets



Volume 9, Sheet 40



Volume 9, Sheet 42

1891 Source Sheets

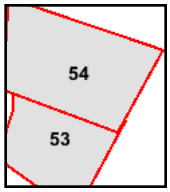
Volume 9, Sheet 194

2007 Certified Sanborn Map

Certification #: AE73-4987-A98B

Site Name: 335 Grand Concourse
Address: 335 Grand Concourse
City, ST, ZIP: Bronx NY 10451
Client: Hydro Tech Env. Corp.
EDR Inquiry: 3240983.3
Order Date: 1/17/2012 2:41:01 PM
Certification #: AE73-4987-A98B
Copyright: 2007

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

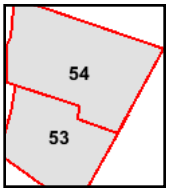
N

2006 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	2006

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

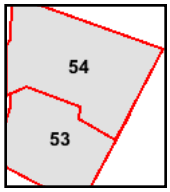
2005 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	2005

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

0 Feet 150 300 600



Volume 9N, Sheet 53
Volume 9N, Sheet 54

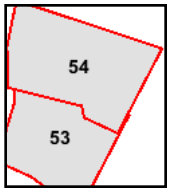
N

2004 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	2004

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

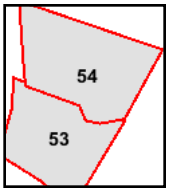
N

2003 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	2003

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

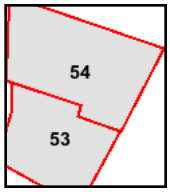
2002 Certified Sanborn Map

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 The Sanborn Library LLC, the copyright holder for the collection.

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	2002

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

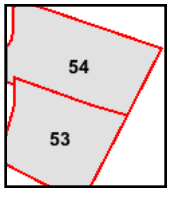
2001 Certified Sanborn Map

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 The Sanborn Library LLC, the copyright holder for the collection.

Certification #: AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	2001

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

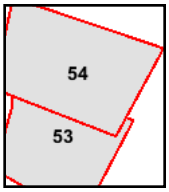
N

1998 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1998

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

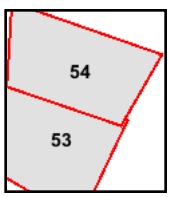
N

1996 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1996

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

1995 Certified Sanborn Map

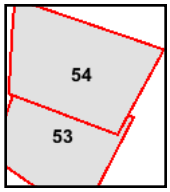
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1995

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

0 Feet 150 300 600



Volume 9N, Sheet 53
Volume 9N, Sheet 54

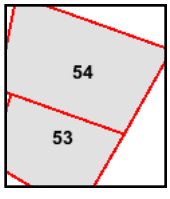
N

1994 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1994

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

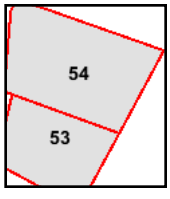
1993 Certified Sanborn Map

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 The Sanborn Library LLC, the copyright holder for the collection.

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1993

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

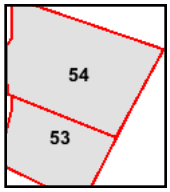
1992 Certified Sanborn Map

The certified Sanborn Library search results in this report can be authenticated by visiting www.ednet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1992

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

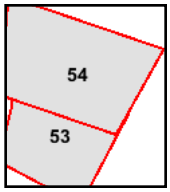
N

1991 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1991

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

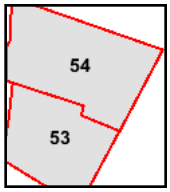
N

1989 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1989

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

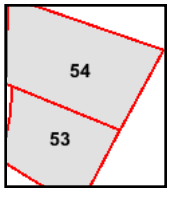
N

1986 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1986

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

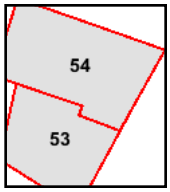
N

1984 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name: 335 Grand Concourse
Address: 335 Grand Concourse
City, ST, ZIP: Bronx NY 10451
Client: Hydro Tech Env. Corp.
EDR Inquiry: 3240983.3
Order Date: 1/17/2012 2:41:01 PM
Certification # AE73-4987-A98B
Copyright: 1984

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

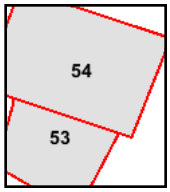
N

1981 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1981

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

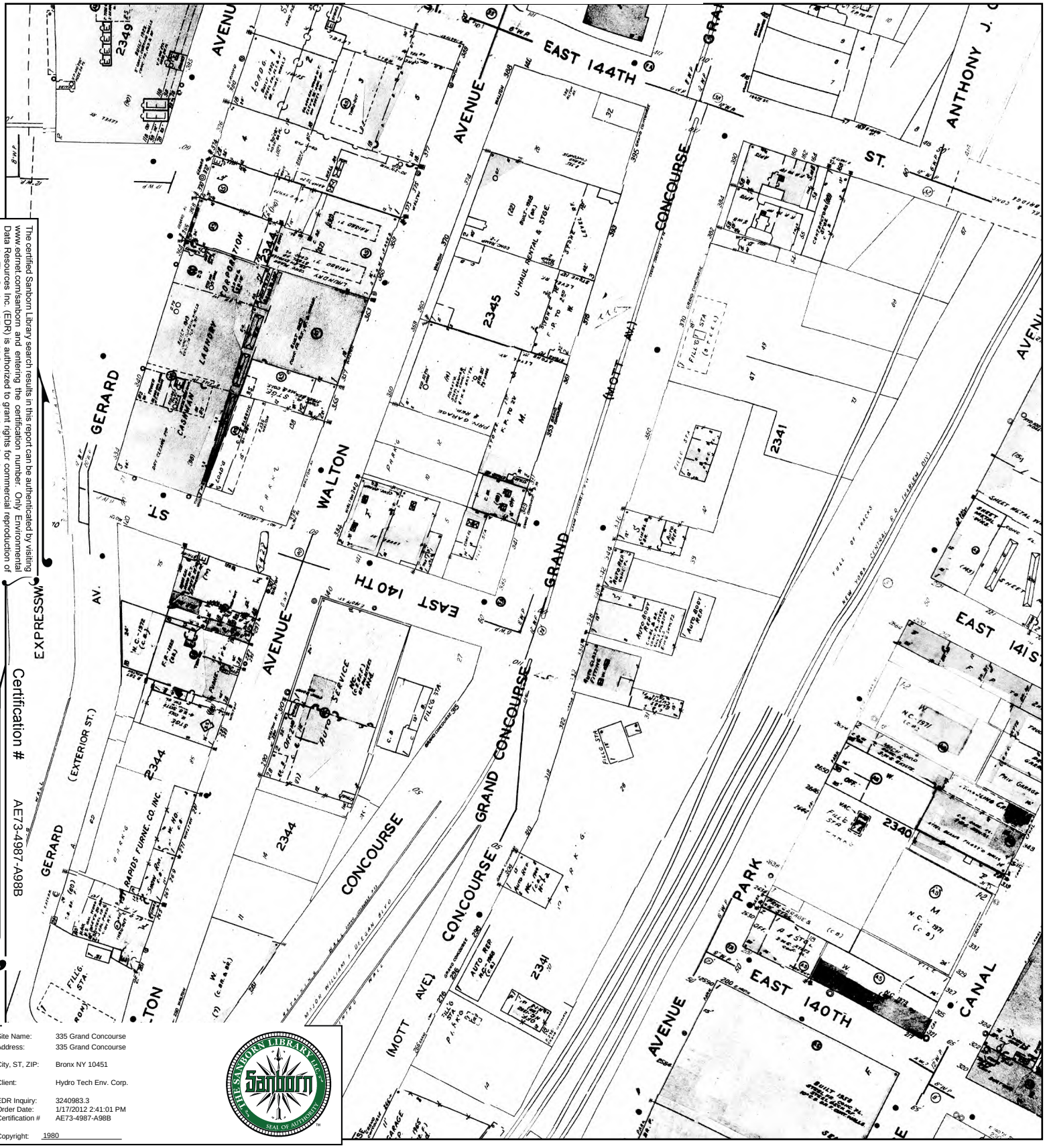


Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

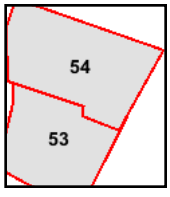
1980 Certified Sanborn Map



Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1980

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



Volume 9N, Sheet 54
Volume 9N, Sheet 53

0 Feet 150 300 600

N

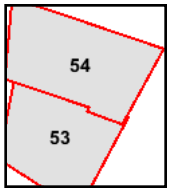
1978 Certified Sanborn Map

The certified Sanborn Library search results in this report can be authenticated by visiting www.ednet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1978

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

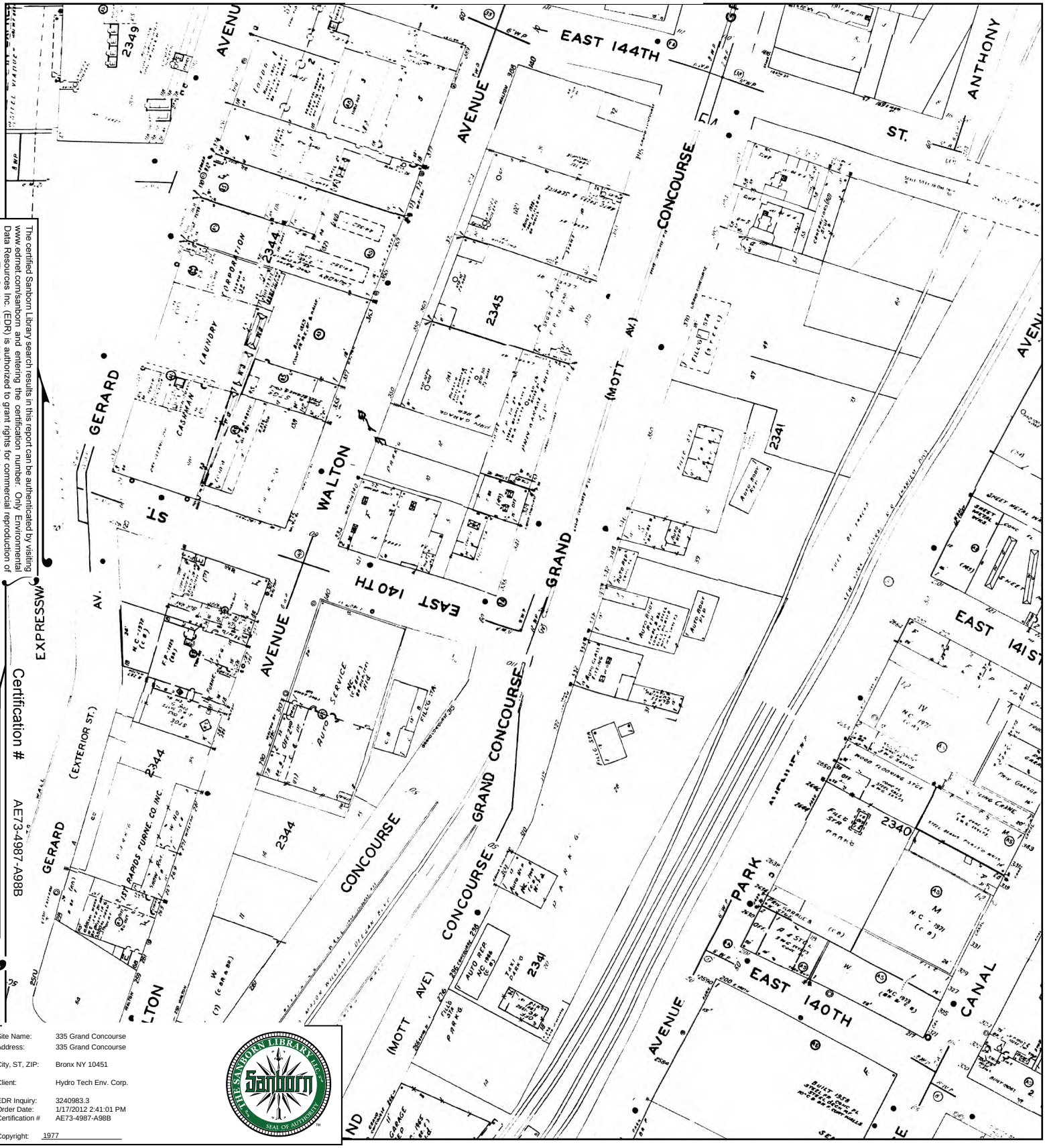


Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

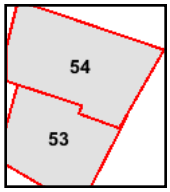
1977 Certified Sanborn Map



Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1977

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

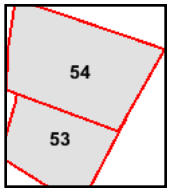
N

1951 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name: 335 Grand Concourse
Address: 335 Grand Concourse
City, ST, ZIP: Bronx NY 10451
Client: Hydro Tech Env. Corp.
EDR Inquiry: 3240983.3
Order Date: 1/17/2012 2:41:01 PM
Certification # AE73-4987-A98B
Copyright: 1951

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

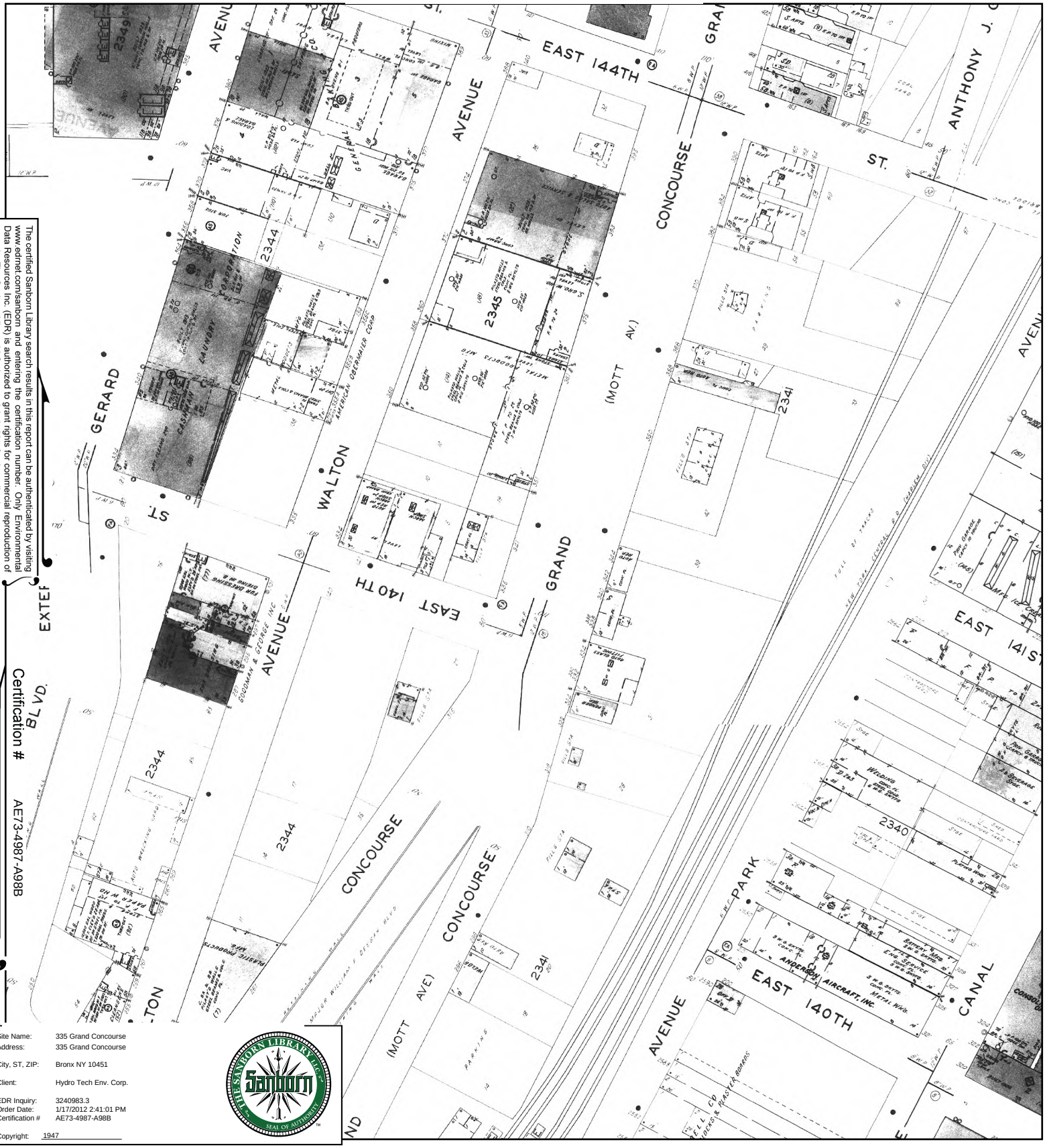


Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

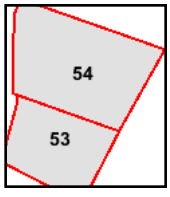
1947 Certified Sanborn Map



Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1947

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



Volume 9N, Sheet 53
Volume 9N, Sheet 54

0 Feet 150 300 600

N

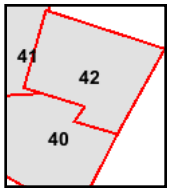
1946 Certified Sanborn Map

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 The Sanborn Library LLC, the copyright holder for the collection.

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1946

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



Volume 9, Sheet 40
Volume 9, Sheet 41
Volume 9, Sheet 42

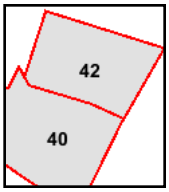
0 Feet 150 300 600

1944 Certified Sanborn Map

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1944

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



Volume 9, Sheet 40
Volume 9, Sheet 42

0 Feet 150 300 600

N

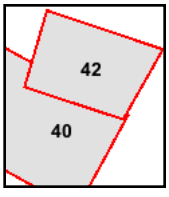
1935 Certified Sanborn Map

The certified Sanborn Library search results in this report can be authenticated by visiting www.ednet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1935

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

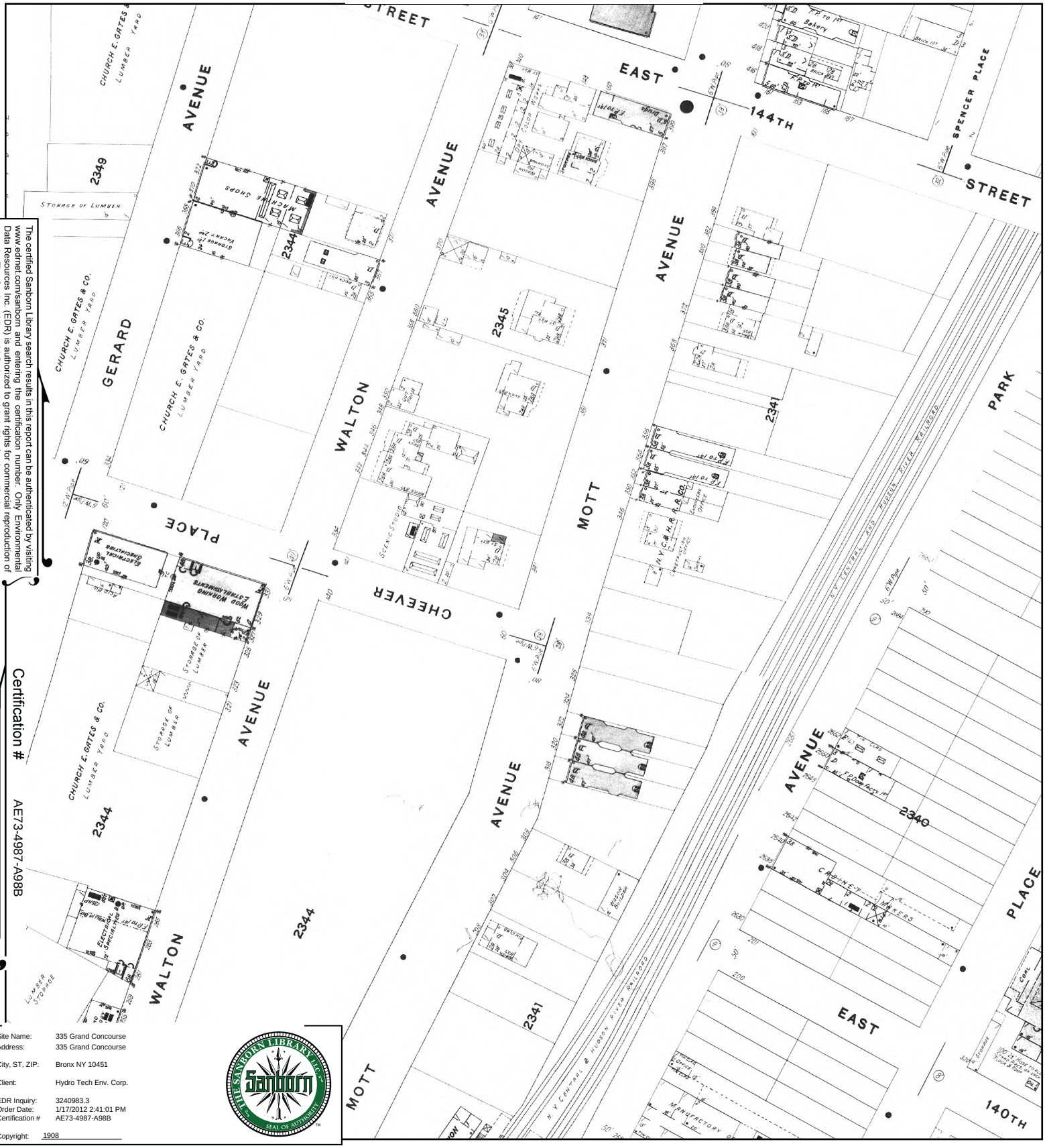


Volume 9, Sheet 40
Volume 9, Sheet 42

0 Feet 150 300 600

N

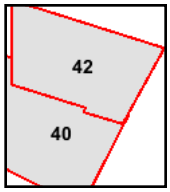
1908 Certified Sanborn Map



Certification # AE73-4987-A98B

Site Name:	335 Grand Concourse
Address:	335 Grand Concourse
City, ST, ZIP:	Bronx NY 10451
Client:	Hydro Tech Env. Corp.
EDR Inquiry:	3240983.3
Order Date:	1/17/2012 2:41:01 PM
Certification #	AE73-4987-A98B
Copyright:	1908

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

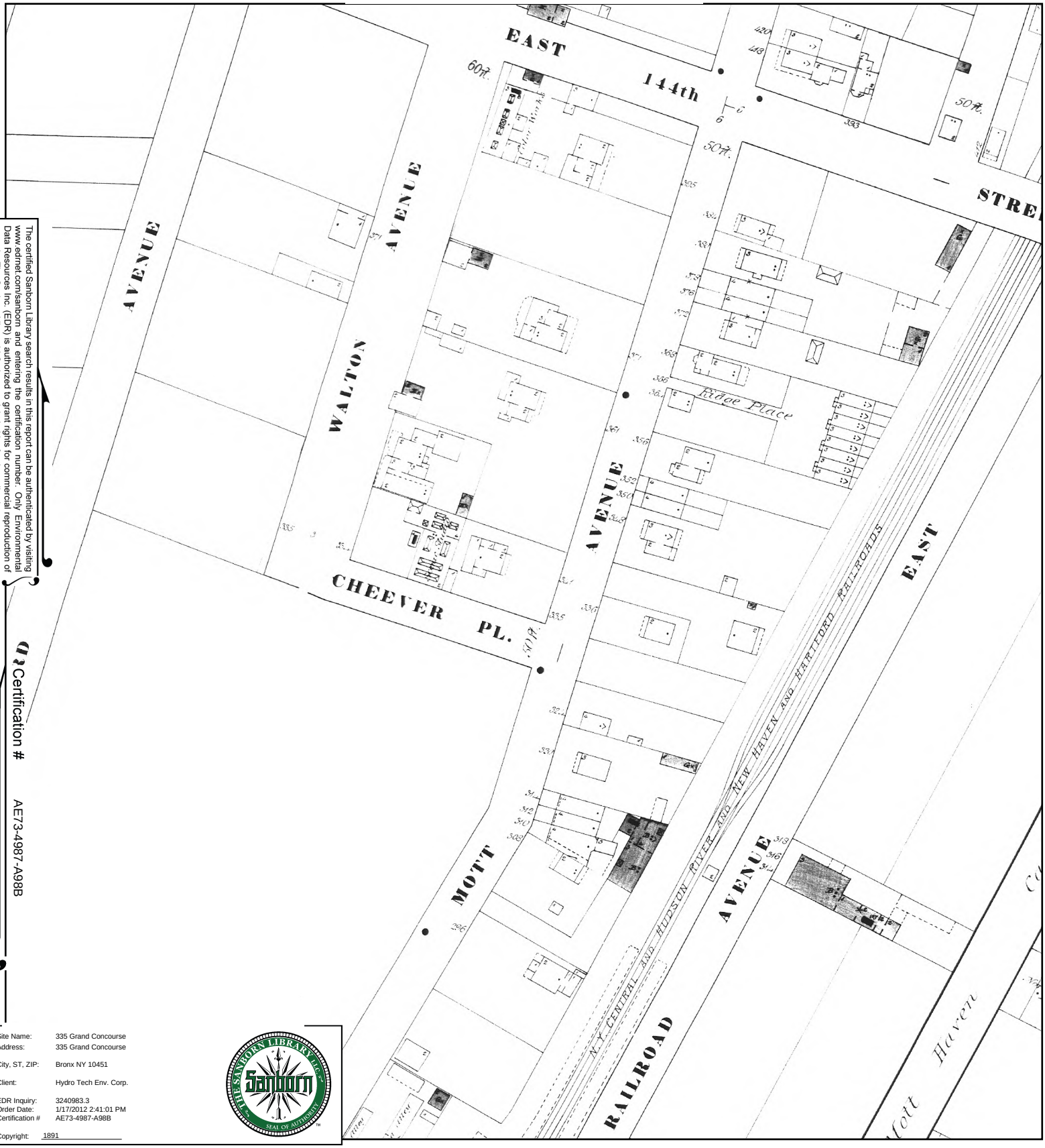


Volume 9, Sheet 40
Volume 9, Sheet 42

0 Feet 150 300 600

N

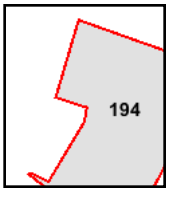
1891 Certified Sanborn Map



Certification # AE73-4987-A98B

Site Name: 335 Grand Concourse
Address: 335 Grand Concourse
City, ST, ZIP: Bronx NY 10451
Client: Hydro Tech Env. Corp.
EDR Inquiry: 3240983.3
Order Date: 1/17/2012 2:41:01 PM
Certification # AE73-4987-A98B
Copyright: 1891

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



Volume 9, Sheet 194

0 Feet 150 300 600

N

APPENDIX D
CITY DIRECTORY SEARCH

335 Grand Concourse
335 Grand Concourse
Bronx, NY 10451

Inquiry Number: 3240983.4
January 17, 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

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

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 1927 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 Information Services	-	X	X	-
2000	Cole Information Services	-	X	X	-
1993	New York Telephone	-	X	X	-
1983	New York Telephone	-	X	X	-
1976	New York Telephone Company	-	X	X	-
1971	New York Telephone	-	X	X	-
1965	New York Telephone Company	-	X	X	-
1961	New York Telephone	-	X	X	-
1956	New York Telephone	-	-	-	-
1949	New York Telephone	-	-	-	-
1940	New York Telephone	-	X	X	-
1931	Manhattan and Bronx Directory Publishing Company Residential Directory	-	-	-	-
1927	New York Telephone	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

335 Grand Concourse
Bronx, NY 10451

FINDINGS DETAIL

Target Property research detail.

No Addresses Found

FINDINGS

ADJOINING PROPERTY DETAIL

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

GRAND CONCOURSE

331 GRAND CONCOURSE

Year	Uses	Source
1961	MATZER ALVIN	New York Telephone

334 GRAND CONCOURSE

Year	Uses	Source
2005	Med Care Health & Rehab Svc	Hill-Donnelly Information Services
	Diagnostic Imaging 1 P	Hill-Donnelly Information Services
2000	DGNSTC IMAGING PC	Cole Information Services
	DYNAMIC MEDCL EVAL	Cole Information Services
	EMPIRE MBL TEST	Cole Information Services
1983	ABIE THE GLAZIER INC	New York Telephone
	AUTO BURGLAR ALARM CO	New York Telephone
	AUTO GLASS SVCE CENTERS	New York Telephone
	CONCOURSE AUTO GLASS INC	New York Telephone
	H & S AUTO RADIATOR SVCE	New York Telephone
	STERN AUTO GLASS	New York Telephone
1976	ABIE THE GLAZIER INC	New York Telephone Company
	AUTO STERO CENTER	New York Telephone Company
	STERN AUTO GLASS	New York Telephone Company
	STERN OF THE CONCOURSE INC AUTO GLASS	New York Telephone Company
	AUTO BURGLAR ALARM CO	New York Telephone Company
1961	LAUREANO JAIME L	New York Telephone
1940	Mission Helpers of the Sacred Heart	New York Telephone

336 GRAND CONCOURSE

Year	Uses	Source
2005	Citizens Advice Bureau	Hill-Donnelly Information Services

338 GRAND CONCOURSE

Year	Uses	Source
2005	Peguero Brothers Repair Shop	Hill-Donnelly Information Services
1976	MAC S AUTO SVCE	New York Telephone Company

FINDINGS

Year	Uses	Source
1976	MAC S AUTO SVCE	New York Telephone Company
1971	MAC S AUTO SVCE	New York Telephone
	MAC S AUTO SVCE	New York Telephone
1965	MAC S AUTO SVCE	New York Telephone Company
	MAC S FIRESTONE STORES	New York Telephone Company
1961	MAC S AUTO SVCE	New York Telephone
	MAC S FIRESTONE STORES	New York Telephone
	MAC S AUTO SVCE	New York Telephone
1940	AC Brake Co of NY	New York Telephone
	Meyer Wm brake svce	New York Telephone

340 GRAND CONCOURSE

Year	Uses	Source
2005	NCL	Hill-Donnelly Information Services
1993	SADOC WELDING WORKS INC BRONX	New York Telephone
	SADOC WELDING WORKS INC	New York Telephone
1983	FAST AUTO PARTS	New York Telephone
	PRINCESS & PIERRE AUTO MOTORS CORP	New York Telephone

341 GRAND CONCOURSE

Year	Uses	Source
2005	Eagle Auto Repair 1 s	Hill-Donnelly Information Services
	A Towing 24 Hours	Hill-Donnelly Information Services
2000	J & J AUTO BODY	Cole Information Services
	ELCO-1 AUTO RPR	Cole Information Services
1993	HENRYS SCIENTIFIC AUTO SVCE BRONX	New York Telephone
	HENRY S SCIENTIFIC AUTO SVCE	New York Telephone
1983	HENRYS SCIENTIFIC AUTO SVCE	New York Telephone
1976	COSMES SVCE CENTER INC	New York Telephone Company
	ARTY S TEXACO SVCE STA	New York Telephone Company
1971	ARTYS TEXACO SVCE STA	New York Telephone
	ARISTA SVCE CENTER INC	New York Telephone
1965	ARTYS TEXACO SVCE STA	New York Telephone Company
1961	ARTY S TEXACO SVCE STA	New York Telephone

342 GRAND CONCOURSE

Year	Uses	Source
1993	EAST SIDE TAXIMETER SVCE INC	New York Telephone

FINDINGS

Year	Uses	Source
1940	Sklar John auto reprs	New York Telephone
	Auto Doctor Inc	New York Telephone

344 GRAND CONCOURSE

Year	Uses	Source
2005	Teddys Place Auto Repair Inc	Hill-Donnelly Information Services
2000	TEDDYS PL AT REPR	Cole Information Services
1993	TEDDYS PLACE AUTO REPR INC	New York Telephone
1983	TEDDYS PLACE AUTO REPAIR	New York Telephone
	TEDDYS PLACE AUTOS	New York Telephone
1976	TEDDY S PLACE AUTO REPAIR	New York Telephone Company
	TEDDY S PLACE AUTOS	New York Telephone Company
1971	TOMS FOREIGN AUTO REPRS	New York Telephone
1965	CONCOURSE FOREIGN CAR REPR LTD	New York Telephone Company
	ABC SPEEDOMETER REPRS	New York Telephone Company
1961	GOEBEL CHAS E CARBURTRS	New York Telephone

345 GRAND CONCOURSE

Year	Uses	Source
1940	Farber S & Sons furs	New York Telephone

346 GRAND CONCOURSE

Year	Uses	Source
2005	Taxi House	Hill-Donnelly Information Services
2000	D & M TAXI MTRS CRP	Cole Information Services
1993	D & M TAXI METERS CORP	New York Telephone
1965	CHAMPION AUTO REPR	New York Telephone Company
	CONCOURSE COFFEE SHOPS	New York Telephone Company
	PARTY MASTERS	New York Telephone Company
1961	PARTY MASTERS	New York Telephone
	CONCOURSE COFFEE SHOPS	New York Telephone

348 GRAND CONCOURSE

Year	Uses	Source
1940	Zenker Wm M	New York Telephone

350 GRAND CONCOURSE

Year	Uses	Source
2005	BP 2 R	Hill-Donnelly Information Services

FINDINGS

Year	Uses	Source
2000	KLINTEL SVC STA	Cole Information Services
1993	ACA MANAGEMENT	New York Telephone
1971	CONCOURSE FOREIGN CAR REPR LTD	New York Telephone
	CONCOURSE SVCE STA	New York Telephone
	CONCOURSE SVCE STA	New York Telephone
	CONCOURSE FOREIGN CAR SVCE	New York Telephone
1965	CONCOURSE SVCE STA	New York Telephone Company
1961	CONCOURSE SVCE STA	New York Telephone

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
335 Grand Concourse	2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927

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
331 GRAND CONCOURSE	2005, 2000, 1993, 1983, 1976, 1971, 1965, 1956, 1949, 1940, 1931, 1927
334 GRAND CONCOURSE	1993, 1971, 1965, 1956, 1949, 1931, 1927
336 GRAND CONCOURSE	2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
338 GRAND CONCOURSE	2000, 1993, 1983, 1956, 1949, 1931, 1927
340 GRAND CONCOURSE	2000, 1976, 1971, 1965, 1961, 1956, 1949, 1940, 1931, 1927
341 GRAND CONCOURSE	1956, 1949, 1940, 1931, 1927
342 GRAND CONCOURSE	2005, 2000, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1931, 1927
344 GRAND CONCOURSE	1956, 1949, 1940, 1931, 1927
345 GRAND CONCOURSE	2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1931, 1927
346 GRAND CONCOURSE	1983, 1976, 1971, 1956, 1949, 1940, 1931, 1927
348 GRAND CONCOURSE	2005, 2000, 1993, 1983, 1976, 1971, 1965, 1961, 1956, 1949, 1931, 1927
350 GRAND CONCOURSE	1983, 1976, 1956, 1949, 1940, 1931, 1927

APPENDIX E
DATABASE SEARCH RESULTS

335 Grand Concourse
335 Grand Concourse
Bronx, NY 10451

Inquiry Number: 3240983.2s
January 17, 2012

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

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

TABLE OF CONTENTS

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

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

335 GRAND CONCOURSE
BRONX, NY 10451

COORDINATES

Latitude (North):	40.8151000 - 40° 48' 54.36''
Longitude (West):	73.9289000 - 73° 55' 44.04''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	590335.6
UTM Y (Meters):	4518572.0
Elevation:	29 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-G8 CENTRAL PARK, NY
Most Recent Revision:	1995

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	2009, 2010
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
LOT 1,TAXBLOCK 2345 335 GRAND CONCOURSE BRONX, NY 10451	E DESIGNATION	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

CBS UST ---------- Chemical Bulk Storage Database

MOSF UST ---- Major Oil Storage Facilities Database
MOSF AST ---- Major Oil Storage Facilities Database
MOSF ---- Major Oil Storage Facility Site Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land
FEMA UST ---- Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

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

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing
VCP ---- Voluntary Cleanup Agreements

State and tribal Brownfields sites

ERP ---- Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

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

Local Lists of Registered Storage Tanks

HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

LIENS 2 ---- CERCLA Lien Information
LUCIS ---- Land Use Control Information System

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System

Other Ascertainable Records

DOT OPS ---- Incident and Accident Data

EXECUTIVE SUMMARY

DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
HSWDS	Hazardous Substance Waste Disposal Site Inventory
UIC	Underground Injection Control Wells
DRYCLEANERS	Registered Drycleaners
NPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
COAL ASH	Coal Ash Disposal Site Listing
FINANCIAL ASSURANCE	Financial Assurance Information Listing
COAL ASH DOE	Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants

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.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 06/15/2011 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MERIT OIL CORP	***370 GRAND CONCOURSE AVE***	***NNE 0 - 1/8 (0.040 mi.)***	***D25***	***128***

Lower Elevation	Address	Direction / Distance	Map ID	Page
B P PRODUCTS NORTH AMERICA #48	***115 E 138TH ST***	***SW 1/8 - 1/4 (0.146 mi.)***	***S102***	***425***
UNITED PARCEL SERVICE	***180 CANAL PL***	***S 1/8 - 1/4 (0.242 mi.)***	***150***	***638***
GRAND SILVER CO	***289 MORRIS AVE***	***SSE 1/8 - 1/4 (0.243 mi.)***	***151***	***656***

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/15/2011 has revealed that there are 4 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOSTOS COMMUNITY COLLEGE - TRA	***427 WALTON AVE***	***N 1/8 - 1/4 (0.132 mi.)***	***K91***	***372***
HOSTOS COMMUNITY COLLEGE	***475 GRAND CONCOURSE***	***NNE 1/8 - 1/4 (0.185 mi.)***	***Z123***	***520***
HOSTOS COMMUNITY COLLEGE	500 GRAND CONCOURSE	NNE 1/8 - 1/4 (0.216 mi.)	AC132	572

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	E 138TH ST & GRAND CONC	SSW 1/8 - 1/4 (0.155 mi.)	106	441

State- and tribal - equivalent CERCLIS

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

A review of the SHWS list, as provided by EDR, and dated 11/22/2011 has revealed that there is 1 SHWS

site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
2350 FIFTH AVENUE CORP	***2350 5TH AVE***	***WNW 1/4 - 1/2 (0.328 mi.)***	***166***	***722***
Class Code: Significant threat to the public health or environment - action required.				

VAPOR REOPENED: "Vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Improvements in analytical techniques and knowledge gained from site investigations in New York and other states has led to an increased awareness of soil vapor as a medium of concern and of the potential for exposures from the soil vapor intrusion pathway. Based on this additional information, New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

A review of the VAPOR REOPENED list, as provided by EDR, and dated 08/01/2011 has revealed that there is 1 VAPOR REOPENED site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
2350 FIFTH AVENUE CORP	***2350 5TH AVE***	***WNW 1/4 - 1/2 (0.328 mi.)***	***166***	***722***

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the SWF/LF list, as provided by EDR, and dated 10/11/2011 has revealed that there are 3 SWF/LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON-EDISON @ SERVICE CENTER	281 EXTERIOR STREET	W 0 - 1/8 (0.121 mi.)	L69	312
EQUINOX X 149 ST OF DEGAN	***475 EXTERIOR STREET***	***NNW 1/8 - 1/4 (0.222 mi.)***	***AD140***	***594***
YOUNG CONTRACTING CORP.	2501 THIRD AVENUE	S 1/4 - 1/2 (0.337 mi.)	167	740

State and tribal leaking storage tank lists

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

A review of the LTANKS list, as provided by EDR, and dated 11/22/2011 has revealed that there are 37 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
310 WALTON AVENUE	***310 WALTON AVENUE***	***W 0 - 1/8 (0.049 mi.)***	***E33***	***167***
Date Closed: 2/2/1994				
318 GRAND CONCOURSE/BX	***318 GRAND CONCOURSE***	***NNE 1/8 - 1/4 (0.136 mi.)***	***N94***	***383***
Date Closed: 9/6/1989				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CLOSED-LACKOF RECENT INFO	***471 WALTON AVE***	***N 1/8 - 1/4 (0.182 mi.)***	***120***	***501***
Date Closed: 3/4/2003				
GRAND CONCOURSE REALTY CO	***557 GRAND CONCOURSE***	***NNE 1/4 - 1/2 (0.290 mi.)***	***156***	***684***
Date Closed: 10/1/2004				
138 EAST 150TH STREET	***138 EAST 150TH STREET***	***N 1/4 - 1/2 (0.325 mi.)***	***164***	***717***
Date Closed: 12/10/1993				
500 GRAND CONCOURSE	***500 GRAND CONCOURSE***	***NNE 1/4 - 1/2 (0.357 mi.)***	***168***	***740***
Date Closed: 9/30/1992				
JOHN GEUIBES	262 ALEXANDER AVENUE	SSE 1/4 - 1/2 (0.386 mi.)	AJ171	747
Date Closed: 7/16/2003				
CARMEL HAYS HIGH SCHOOL	***650 GRAND CONCORSE***	***NNE 1/4 - 1/2 (0.402 mi.)***	***173***	***758***
Date Closed: 3/3/2003				
230 ALEXANDER AVE./ST. JE	***230 ALEXANDER AVE.***	***SSE 1/4 - 1/2 (0.414 mi.)***	***174***	***761***
Date Closed: 3/4/2003				
3 BROTHERS CLEANERS	***347 E 138TH ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***177***	***774***
Date Closed: 6/15/2004				
560 LINCOLN AVENUE	***560 LINCOLN AVENUE***	***ENE 1/4 - 1/2 (0.452 mi.)***	***179***	***799***
Date Closed: 11/19/1992				

Lower Elevation	Address	Direction / Distance	Map ID	Page
GRAND CONCOUR/CARROLL PL.	***118 GRAND CONCOURSE***	***SSW 0 - 1/8 (0.125 mi.)***	***84***	***356***
Date Closed: 3/20/2003				
PREMIER METAL PRODUCTS CO DIV	***381 CANAL PL***	***E 1/8 - 1/4 (0.142 mi.)***	***R97***	***388***
Date Closed: 3/21/1995				
PREMIER METALS	***381 CANAL PLACE***	***E 1/8 - 1/4 (0.142 mi.)***	***R98***	***407***
GASETERIA	115 EAST 138TH STREET	SW 1/8 - 1/4 (0.146 mi.)	S103	430
COMMERCAIL BUILD	200 EAST 146TH STREET	NE 1/8 - 1/4 (0.182 mi.)	Y119	499
Date Closed: 9/13/2010				
101-165 W 146TH ST/BX	***1010165 WEST 146TH STRE***	***NNW 1/8 - 1/4 (0.200 mi.)***	***AA128***	***553***
Date Closed: 12/27/2000				
242 EAST 138TH STREET, INC.	***242 EAST 138TH STREET***	***S 1/8 - 1/4 (0.241 mi.)***	***AF146***	***617***
Date Closed: 2/2/2007				
138TH ST / RIDER AVE /	***138TH ST / RIDER AVE***	***S 1/4 - 1/2 (0.250 mi.)***	***AF153***	***670***
Date Closed: 3/7/1987				
Not reported	***75 CANAL ST***	***SSW 1/4 - 1/2 (0.277 mi.)***	***154***	***673***
Date Closed: 10/15/1998				
PATTERSON HOUSES -NYCHA	***301 EAST 143RD STREET***	***ESE 1/4 - 1/2 (0.288 mi.)***	***155***	***675***
Date Closed: 12/2/2005				
Date Closed: 3/31/1995				
P & R FIXTURES CORP	***271 E 139TH ST***	***SSE 1/4 - 1/2 (0.290 mi.)***	***158***	***688***
Date Closed: 1/23/2004				
234 EAST 149TH STREET	***234 EAST 149TH STREET***	***NE 1/4 - 1/2 (0.305 mi.)***	***AH159***	***690***
Date Closed: 11/27/1993				
LINCOLN MEDICAL CENTER	234 EAST 149TH ST	NE 1/4 - 1/2 (0.305 mi.)	AH160	695
Date Closed: 1/6/2006				
PATTERSON HOUSES	***314 E 143RD ST***	***ESE 1/4 - 1/2 (0.306 mi.)***	***161***	***697***
Date Closed: 11/17/1994				

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMOCO Date Closed: 11/13/2008	***99 EAST 149TH ST***	***NNW 1/4 - 1/2 (0.321 mi.)***	***AI162***	***704***
MOBIL Date Closed: 3/4/2003	***99 EAST 149TH ST***	***NNW 1/4 - 1/2 (0.321 mi.)***	***AI163***	***714***
556 MORRIS AVE Date Closed: 1/22/1996	***556 MORRIS AVE***	***ENE 1/4 - 1/2 (0.374 mi.)***	***170***	***744***
Not reported Date Closed: 3/29/2004	***225 EAST 134TH ST***	***S 1/4 - 1/2 (0.421 mi.)***	***176***	***772***
MITCHELL HOUSES -NYCHA Date Closed: 6/1/1998	***205 ALEXANDER AVE***	***SSE 1/4 - 1/2 (0.436 mi.)***	***178***	***787***
AMES MEDICAL EQUIPMENT Date Closed: 12/4/2001	***2417 3RD AV***	***SSW 1/4 - 1/2 (0.454 mi.)***	***180***	***802***
RIVERTON APARTMENTS Date Closed: 6/19/2006	2225-2237 5TH AVE	WSW 1/4 - 1/2 (0.458 mi.)	181	804
LINCOLN Date Closed: 8/2/1991	***2142 MADISON AVENUE***	***WSW 1/4 - 1/2 (0.462 mi.)***	***182***	***806***
APARTMENT Date Closed: 6/12/2008	635 MORRIS AVE	NE 1/4 - 1/2 (0.477 mi.)	183	809
COMM/RES BUILDING Date Closed: 2/11/2004	370 WILLIS AV	ESE 1/4 - 1/2 (0.477 mi.)	184	810
UNKNOWN	308 WILLIS AVE	SE 1/4 - 1/2 (0.484 mi.)	185	812
LINCOLN -NYCHA Date Closed: 10/26/2005	***2130 MADISON AVE***	***WSW 1/4 - 1/2 (0.485 mi.)***	***186***	***813***

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

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there are 32 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
310 WALTON AVENUE Date Closed: 02/02/94	***310 WALTON AVENUE***	***W 0 - 1/8 (0.049 mi.)***	***E33***	***167***
318 GRAND CONCOURSE/BX Date Closed: 09/06/89	***318 GRAND CONCOURSE***	***NNE 1/8 - 1/4 (0.136 mi.)***	***N94***	***383***
CLOSED-LACKOF RECENT INFO Date Closed: / /	***471 WALTON AVE***	***N 1/8 - 1/4 (0.182 mi.)***	***120***	***501***
GRAND CONCOURSE REALTY CO Date Closed: / /	***557 GRAND CONCOURSE***	***NNE 1/4 - 1/2 (0.290 mi.)***	***156***	***684***
138 EAST 150TH STREET Date Closed: 12/10/93	***138 EAST 150TH STREET***	***N 1/4 - 1/2 (0.325 mi.)***	***164***	***717***
500 GRAND CONCOURSE Date Closed: 09/30/92	***500 GRAND CONCOURSE***	***NNE 1/4 - 1/2 (0.357 mi.)***	***168***	***740***
257 ALEXANDER AVE Date Closed: / /	***257 ALEXANDER AVE***	***SSE 1/4 - 1/2 (0.389 mi.)***	***AJ172***	***748***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CARMEL HAYS HIGH SCHOOL Date Closed: / /	***650 GRAND CONCORSE***	***NNE 1/4 - 1/2 (0.402 mi.)***	***173***	***758***
230 ALEXANDER AVE./ST. JE Date Closed: / /	***230 ALEXANDER AVE.***	***SSE 1/4 - 1/2 (0.414 mi.)***	***174***	***761***
3 BROTHERS CLEANERS Date Closed: / /	***347 E 138TH ST***	***SSE 1/4 - 1/2 (0.429 mi.)***	***177***	***774***
560 LINCOLN AVENUE Date Closed: 11/19/92	***560 LINCOLN AVENUE***	***ENE 1/4 - 1/2 (0.452 mi.)***	***179***	***799***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GRAND CONCOUR/CARROLL PL. Date Closed: / /	***118 GRAND CONCOURSE***	***SSW 0 - 1/8 (0.125 mi.)***	***84***	***356***
PREMIER METAL PRODUCTS CO DIV Date Closed: 03/21/95	***381 CANAL PL***	***E 1/8 - 1/4 (0.142 mi.)***	***R97***	***388***
PREMIER METALS Date Closed: / /	***381 CANAL PLACE***	***E 1/8 - 1/4 (0.142 mi.)***	***R98***	***407***
101-165 W 146TH ST/BX Date Closed: 12/27/00	***1010165 WEST 146TH STRE***	***NNW 1/8 - 1/4 (0.200 mi.)***	***AA128***	***553***
242 EAST 138TH STREET, INC. Date Closed: / /	***242 EAST 138TH STREET***	***S 1/8 - 1/4 (0.241 mi.)***	***AF146***	***617***
138TH ST / RIDER AVE / Date Closed: 03/07/87	***138TH ST / RIDER AVE***	***S 1/4 - 1/2 (0.250 mi.)***	***AF153***	***670***
Not reported Date Closed: 10/15/98	***75 CANAL ST***	***SSW 1/4 - 1/2 (0.277 mi.)***	***154***	***673***
PATTERSON HOUSES -NYCHA Date Closed: 03/31/95 Date Closed: / /	***301 EAST 143RD STREET***	***ESE 1/4 - 1/2 (0.288 mi.)***	***155***	***675***
138 ST & 3RD AVE.- EFFCO Date Closed: 06/13/86	138TH ST / 3RD AVE	SSE 1/4 - 1/2 (0.289 mi.)	157	686
P & R FIXTURES CORP Date Closed: / /	***271 E 139TH ST***	***SSE 1/4 - 1/2 (0.290 mi.)***	***158***	***688***
234 EAST 149TH STREET Date Closed: 11/27/93	***234 EAST 149TH STREET***	***NE 1/4 - 1/2 (0.305 mi.)***	***AH159***	***690***
PATTERSON HOUSES Date Closed: 11/17/94	***314 E 143RD ST***	***ESE 1/4 - 1/2 (0.306 mi.)***	***161***	***697***
AMOCO Date Closed: / /	***99 EAST 149TH ST***	***NNW 1/4 - 1/2 (0.321 mi.)***	***AI162***	***704***
MOBIL Date Closed: / /	***99 EAST 149TH ST***	***NNW 1/4 - 1/2 (0.321 mi.)***	***AI163***	***714***
556 MORRIS AVE Date Closed: 01/22/96	***556 MORRIS AVE***	***ENE 1/4 - 1/2 (0.374 mi.)***	***170***	***744***
143RD STREET ASSOCIATES Date Closed: / /	***44-58 WEST 143RD ST.***	***WNW 1/4 - 1/2 (0.416 mi.)***	***175***	***764***
Not reported Date Closed: / /	***225 EAST 134TH ST***	***S 1/4 - 1/2 (0.421 mi.)***	***176***	***772***
MITCHELL HOUSES -NYCHA Date Closed: / / Date Closed: 06/01/98	***205 ALEXANDER AVE***	***SSE 1/4 - 1/2 (0.436 mi.)***	***178***	***787***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMES MEDICAL EQUIPMENT Date Closed: 12/04/01	***2417 3RD AV***	***SSW 1/4 - 1/2 (0.454 mi.)***	***180***	***802***
LINCOLN Date Closed: 08/02/91	***2142 MADISON AVENUE***	***WSW 1/4 - 1/2 (0.462 mi.)***	***182***	***806***
LINCOLN -NYCHA Date Closed: / /	***2130 MADISON AVE***	***WSW 1/4 - 1/2 (0.485 mi.)***	***186***	***813***

State and tribal registered storage tank lists

TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the TANKS list, as provided by EDR, and dated 10/04/2011 has revealed that there are 2 TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PAY TV OF GREATER NY	140 E 146TH ST	N 1/8 - 1/4 (0.175 mi.)	V112	461

Lower Elevation	Address	Direction / Distance	Map ID	Page
VERIZON NEW YORK INC-NY-90596	325 EXTERIOR STREET	WNW 1/8 - 1/4 (0.131 mi.)	89	369

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 11/11/2011 has revealed that there are 26 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRAND CONCOURSE PETROLEUM, LLC	***350 GRAND CONCOURSE***	***ENE 0 - 1/8 (0.014 mi.)***	***A11***	***53***
BOULEVARD CAR WASH OF N.Y. INC	315 GRAND CONCOURSE	SSW 0 - 1/8 (0.021 mi.)	A15	80
MERIT GRAND CONCOURSE	***370 GRAND CONCOURSE***	***NNE 0 - 1/8 (0.040 mi.)***	***D24***	***120***
310 WALTON AVENUE	***310 WALTON AVENUE***	***W 0 - 1/8 (0.049 mi.)***	***E32***	***163***
287 WALTON AVE.	287 WALTON AVENUE	WSW 0 - 1/8 (0.059 mi.)	E44	217
U-HAUL CO OF METRO NY	***368 WALTON AVENUE***	***NNW 0 - 1/8 (0.065 mi.)***	***F47***	***224***
PUBLIC SCHOOL 31 - BRONX	425 GRAND CONCOURSE	NNE 0 - 1/8 (0.122 mi.)	N79	341
HOSTOS COMMUNITY COLLEGE	427 WALTON AVENUE	N 1/8 - 1/4 (0.132 mi.)	K90	370
ROCKET JEWELRY BOX INC	125 EAST 144TH STREET	NNW 1/8 - 1/4 (0.133 mi.)	Q92	379
POWER TEST00129	***475 GRAND CONCOURSE***	***NNE 1/8 - 1/4 (0.185 mi.)***	***Z121***	***504***
HOSTOS COMMUNITY COLLEGE	***475 GRAND CONCOURSE***	***NNE 1/8 - 1/4 (0.185 mi.)***	***Z123***	***520***
HOSTOS COMMUNITY COLLEGE	500 GRAND CONCOURSE	NNE 1/8 - 1/4 (0.216 mi.)	AC133	573

Lower Elevation	Address	Direction / Distance	Map ID	Page
METROPOLITAN ROOFING SUPPS CO	***355 MAJOR DEEGAN BLVD***	***WSW 0 - 1/8 (0.090 mi.)***	***57***	***264***
350 GERARD CORPORATION	***350 GERARD AVENUE***	***NW 0 - 1/8 (0.098 mi.)***	***J60***	***281***
PREMIER METAL PRODUCTS CO DIV	***381 CANAL PL***	***E 1/8 - 1/4 (0.142 mi.)***	***R97***	***388***
PANORAMIC INDUSTRIES INC	120 E 144TH ST	NNW 1/8 - 1/4 (0.143 mi.)	Q100	412
138 PETROLEUM, LLC	***115 EAST 138TH STREET***	***SW 1/8 - 1/4 (0.146 mi.)***	***S101***	***415***

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
255 EXTERIOR STREET, LLC	255 EXTERIOR STREET	WSW 1/8 - 1/4 (0.154 mi.)	105	437
METRO AFFILIATES	399 EXTERIOR STREET	NW 1/8 - 1/4 (0.177 mi.)	X116	467
CHAIRMASTERS INC	***200 E 146TH ST***	***NE 1/8 - 1/4 (0.182 mi.)***	***Y118***	***481***
LOS PEGUERO REPAIR SHOP	***209 EAST 138TH STREET***	***S 1/8 - 1/4 (0.189 mi.)***	***W125***	***540***
220 E 138 ST	***220 EAST 138TH STREET***	***S 1/8 - 1/4 (0.214 mi.)***	***AB130***	***560***
BRONX COUNTY RECYCLING LLC	475 EXTERIOR STREET	NNW 1/8 - 1/4 (0.222 mi.)	AD137	586
GRAPA, INC.	236 EAST 138TH STREET	S 1/8 - 1/4 (0.232 mi.)	AF145	612
242 EAST 138TH STREET, INC.	***242 EAST 138TH STREET***	***S 1/8 - 1/4 (0.241 mi.)***	***AF146***	***617***
UNITED PARCEL SERVICE	***180 CANAL PL***	***S 1/8 - 1/4 (0.242 mi.)***	***150***	***638***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 11/11/2011 has revealed that there are 23 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EAGLE AUTO REPAIR CORP	341 GRAND CONCOURSE	NNE 0 - 1/8 (0.007 mi.)	A2	13
PEGUERO BROTHERS REPAIR SHOP	338 GRAND CONCOURSE	SE 0 - 1/8 (0.013 mi.)	A6	29
BOULEVARD CAR WASH OF N.Y. INC	315 GRAND CONCOURSE	SSW 0 - 1/8 (0.021 mi.)	A16	87
BEN-GOMO REALTY, INC.	301 WALTON AVENUE	WSW 0 - 1/8 (0.053 mi.)	E39	196
388-390 GRAND CONCOURSE	388-390 GRAND CONCOURSE	NNE 0 - 1/8 (0.067 mi.)	H49	234
BARBOUR THREADS, INC.	***135 EAST 144TH STREET***	***N 0 - 1/8 (0.118 mi.)***	***K62***	***287***
A J GRIFFEN CORP	***424 GRAND CONCOURSE***	***NNE 0 - 1/8 (0.120 mi.)***	***N65***	***295***
424-430 GRAND CONCOURSE	***424-430 GRAND CONCOURSE***	***NNE 0 - 1/8 (0.120 mi.)***	***N66***	***299***
HOSTOS COMMUNITY COLLEGE	500 GRAND CONCOURSE	NNE 1/8 - 1/4 (0.216 mi.)	AC134	579

Lower Elevation	Address	Direction / Distance	Map ID	Page
385 GERARD AVE	385 GERARD AVENUE	NW 0 - 1/8 (0.121 mi.)	M71	315
376 CANAL PLACE	376 CANAL PLACE	E 1/8 - 1/4 (0.139 mi.)	R95	385
DENCO DISTRIBUTORS INC.	***388 CANAL PLACE***	***E 1/8 - 1/4 (0.150 mi.)***	***R104***	***434***
1908-12 PROSPECT HOLDING CORP.	320 EAST 141ST STREET	ESE 1/8 - 1/4 (0.159 mi.)	107	442
CANAL-RIDER REALTY LLC	321 RIDER AVENUE	SE 1/8 - 1/4 (0.161 mi.)	T109	447
METRO AFFILIATES	***399 EXTERIOR STREET***	***NW 1/8 - 1/4 (0.177 mi.)***	***X117***	***471***
E.M.T.C. REALTY CORPORATION	***226 EAST 144TH STREET***	***ENE 1/8 - 1/4 (0.188 mi.)***	***124***	***537***
LOS PEGUERO REPAIR SHOP	***209 EAST 138TH STREET***	***S 1/8 - 1/4 (0.189 mi.)***	***W125***	***540***
A.C. AUTO WRECKING CO. INC	***475 GERARD AVE***	***NNW 1/8 - 1/4 (0.196 mi.)***	***127***	***548***
I S 183	***339 MORRIS AV***	***SE 1/8 - 1/4 (0.213 mi.)***	***129***	***555***
BRONX COUNTY RECYCLING LLC	475 EXTERIOR STREET	NNW 1/8 - 1/4 (0.222 mi.)	AD139	590
CARNATION PLASTIC MFG CO INC	***250 EAST 143RD ST***	***E 1/8 - 1/4 (0.232 mi.)***	***AE142***	***599***
GRAPA, INC.	***236 EAST 138TH STREET***	***S 1/8 - 1/4 (0.232 mi.)***	***AF144***	***605***
UNITED PARCEL SERVICE	***180 CANAL PLACE***	***SSW 1/8 - 1/4 (0.241 mi.)***	***AG148***	***626***

CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the CBS 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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
POWER CHEM. CO. INC.	***375 RIDER AVE.***	***E 1/8 - 1/4 (0.168 mi.)***	***U110***	***449***

CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the CBS list, as provided by EDR, and dated 11/11/2011 has revealed that there is 1 CBS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
POWER CHEM. CO. INC.	***375 RIDER AVE.***	***E 1/8 - 1/4 (0.168 mi.)***	***U110***	***449***

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A review of the BROWNFIELDS list, as provided by EDR, and dated 11/22/2011 has revealed that there are 2 BROWNFIELDS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BORINQUEN COURT	***285 E. 138TH ST***	***SSE 1/4 - 1/2 (0.326 mi.)***	***165***	***719***
2477 THIRD AVENUE PROPERTY	2477 THIRD AVENUE	S 1/4 - 1/2 (0.370 mi.)	169	743

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the SWRCY list, as provided by EDR, and dated 10/11/2011 has revealed that there are 2 SWRCY sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ECOLOGY RECYCLING PLANT	321 CANAL PLACE	SE 0 - 1/8 (0.124 mi.)	O83	356
IESI NY CORP - CANAL PLACE REC	246 - 266 CANAL PLACE	S 1/8 - 1/4 (0.216 mi.)	AB135	585

Local Lists of Registered Storage Tanks

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are

EXECUTIVE SUMMARY

25 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRAND CONCOURSE PETROLEUM, LLC	***350 GRAND CONCOURSE***	***ENE 0 - 1/8 (0.014 mi.)***	***A11***	***53***
315 GRAND CONCOURSE	315 GRAND CONCOURSE	SSW 0 - 1/8 (0.021 mi.)	A14	76
MERIT GRAND CONCOURSE	***370 GRAND CONCOURSE***	***NNE 0 - 1/8 (0.040 mi.)***	***D24***	***120***
310 WALTON AVENUE	***310 WALTON AVENUE***	***W 0 - 1/8 (0.049 mi.)***	***E32***	***163***
287 WALTON AVE.	287 WALTON AVENUE	WSW 0 - 1/8 (0.059 mi.)	E43	215
U-HAUL CO OF METRO NY	***368 WALTON AVENUE***	***NNW 0 - 1/8 (0.065 mi.)***	***F47***	***224***
P.S. 31	425 GRAND CONCOURSE	NNE 0 - 1/8 (0.122 mi.)	N80	343
ROCKET JEWELRY BOX INC	125 EAST 144TH STREET	NNW 1/8 - 1/4 (0.133 mi.)	Q93	381
PAY TV OF GREATER NY	140 E 146TH ST	N 1/8 - 1/4 (0.175 mi.)	V113	462
POWER TEST00129	***475 GRAND CONCOURSE***	***NNE 1/8 - 1/4 (0.185 mi.)***	***Z121***	***504***
HOSTOS COMMUNITY COLLEGE	475 GRAND CONCOURSE	NNE 1/8 - 1/4 (0.185 mi.)	Z122	518
HOSTOS COMMUNITY COLLEGE	***500 GRAND CONCOURSE***	***NNE 1/8 - 1/4 (0.216 mi.)***	***AC131***	***565***

Lower Elevation	Address	Direction / Distance	Map ID	Page
METROPOLITAN ROOFING SUPPS CO	***355 MAJOR DEEGAN BLVD***	***WSW 0 - 1/8 (0.090 mi.)***	***57***	***264***
350 GERARD CORPORATION	***350 GERARD AVENUE***	***NW 0 - 1/8 (0.098 mi.)***	***J60***	***281***
GAINES LEASING CORP	***325 EXTERIA ST***	***W 1/8 - 1/4 (0.128 mi.)***	***L87***	***363***
PREMIER METAL PRODUCTS CO DIV	***381 CANAL PL***	***E 1/8 - 1/4 (0.142 mi.)***	***R97***	***388***
PANORAMIC INDUSTRIES INC	120 E 144TH ST	NNW 1/8 - 1/4 (0.143 mi.)	Q99	410
138 PETROLEUM, LLC	***115 EAST 138TH STREET***	***SW 1/8 - 1/4 (0.146 mi.)***	***S101***	***415***
METRO AFFILIATES	***399 EXTERIOR STREET***	***NW 1/8 - 1/4 (0.177 mi.)***	***X117***	***471***
CHAIRMASTERS INC	***200 E 146TH ST***	***NE 1/8 - 1/4 (0.182 mi.)***	***Y118***	***481***
220 E 138 ST	***220 EAST 138TH STREET***	***S 1/8 - 1/4 (0.214 mi.)***	***AB130***	***560***
UNIVERSAL DEMOLITION & RCYCLNG	475 EXTERIOR ST	NNW 1/8 - 1/4 (0.222 mi.)	AD138	589
GRAPA, INC.	***236 EAST 138TH STREET***	***S 1/8 - 1/4 (0.232 mi.)***	***AF144***	***605***
242 EAST 138TH STREET, INC.	***242 EAST 138TH STREET***	***S 1/8 - 1/4 (0.241 mi.)***	***AF146***	***617***
UNITED PARCEL SERVICE	***180 CANAL PLACE***	***SSW 1/8 - 1/4 (0.241 mi.)***	***AG148***	***626***

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 11/22/2011 has revealed that there are 17 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
141ST ST& GRAND CONCOURSE Date Closed: 1/1/1989	***141ST ST &GRAND CONCOUR***	***NNE 0 - 1/8 (0.011 mi.)***	***A4***	***21***
BP AMOCO STATION #17782	350 GRAND CONCOURSE	ENE 0 - 1/8 (0.014 mi.)	A10	45
FORMER CITYGAS/LAGE CAR WASH	***315 GRAND CONCOURSE***	***SSW 0 - 1/8 (0.021 mi.)***	***A19***	***101***
ABANDONED GAS STATION Date Closed: 12/31/2001	***315 GRAND CONCOURSE***	***SSW 0 - 1/8 (0.021 mi.)***	***A20***	***106***
WALTON AVE-138 & 140TH ST Date Closed: 7/18/1994	***WALTON AVE-138 & 140TH***	***WNW 0 - 1/8 (0.028 mi.)***	***B21***	***109***
310 GRAND CONCOURSE Date Closed: 7/14/2003	***310 GRAND CONCOURSE***	***S 0 - 1/8 (0.036 mi.)***	***C23***	***117***
MERRITT STATION	***370 GRAND CONCORSE AVE***	***NNE 0 - 1/8 (0.040 mi.)***	***D26***	***139***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
368 WALTON AVENUE Date Closed: 4/10/2002	***368 WALTON AVENUE***	***NNW 0 - 1/8 (0.065 mi.)***	***F45***	***219***
U HAUL #803-68 Date Closed: 6/30/2003	***368 WALTON AVE***	***NNW 0 - 1/8 (0.065 mi.)***	***F46***	***222***
FORMER SCHOOL PS31X Date Closed: 1/28/2008	425 GRAND CONCOURSE	NNE 0 - 1/8 (0.122 mi.)	N81	344

Lower Elevation	Address	Direction / Distance	Map ID	Page
COLOR CARTION CORP Date Closed: 3/21/2003	2650 PARK PL	ESE 0 - 1/8 (0.071 mi.)	I51	242
APARTMENT BUILDING Date Closed: 3/3/2003	***250 WALTON AVE***	***SW 0 - 1/8 (0.077 mi.)***	***G54***	***254***
Not reported Date Closed: 8/2/2002	PARK AVENUE / E 141TH S	E 0 - 1/8 (0.077 mi.)	I55	256
725 EXTERIOR ST Date Closed: 2/28/2003	***725 EXTERIOR ST***	***W 0 - 1/8 (0.119 mi.)***	***L63***	***291***
Not reported Date Closed: 2/13/2003	***745 EXTERIOR ST***	***W 0 - 1/8 (0.121 mi.)***	***L70***	***312***
MANHOLE 1676 Date Closed: 1/14/2004	385 GERARD AV	NW 0 - 1/8 (0.121 mi.)	M73	320
VS 2773 Date Closed: 3/19/2007	385 GERARD AVENUE	NW 0 - 1/8 (0.121 mi.)	M77	338

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 11 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
141ST ST& GRAND CONCOURSE	***141ST ST &GRAND CONCOUR***	***NNE 0 - 1/8 (0.011 mi.)***	***A4***	***21***
FORMER CITYGAS/LAGE CAR WASH	***315 GRAND CONCOURSE***	***SSW 0 - 1/8 (0.021 mi.)***	***A19***	***101***
ABANDONED GAS STATION	***315 GRAND CONCOURSE***	***SSW 0 - 1/8 (0.021 mi.)***	***A20***	***106***
WALTON AVE-138 & 140TH ST	***WALTON AVE-138 & 140TH***	***WNW 0 - 1/8 (0.028 mi.)***	***B21***	***109***
310 GRAND CONCOURSE	***310 GRAND CONCOURSE***	***S 0 - 1/8 (0.036 mi.)***	***C23***	***117***
MERRITT STATION	***370 GRAND CONCORSE AVE***	***NNE 0 - 1/8 (0.040 mi.)***	***D26***	***139***
368 WALTON AVENUE	***368 WALTON AVENUE***	***NNW 0 - 1/8 (0.065 mi.)***	***F45***	***219***
U HAUL #803-68	***368 WALTON AVE***	***NNW 0 - 1/8 (0.065 mi.)***	***F46***	***222***

Lower Elevation	Address	Direction / Distance	Map ID	Page
APARTMENT BUILDING	***250 WALTON AVE***	***SW 0 - 1/8 (0.077 mi.)***	***G54***	***254***
725 EXTERIOR ST	***725 EXTERIOR ST***	***W 0 - 1/8 (0.119 mi.)***	***L63***	***291***
Not reported	***745 EXTERIOR ST***	***W 0 - 1/8 (0.121 mi.)***	***L70***	***312***

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 06/15/2011 has revealed that there are 27 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A C A AMOCO #594	***350 GRAND CONCOURSE BLV***	***ENE 0 - 1/8 (0.014 mi.)***	***A8***	***38***
GRAND OPERATING CORP	***315 GRAND CONCOURSE***	***SSW 0 - 1/8 (0.021 mi.)***	***A17***	***93***
CON EDISON	E 140TH ST & WALTON AVE	W 0 - 1/8 (0.047 mi.)	B30	162
B & M LINEN CORP	***310 WALTON AVE***	***W 0 - 1/8 (0.049 mi.)***	***E34***	***169***
U-HAUL	***350 WALTON AVE***	***NW 0 - 1/8 (0.051 mi.)***	***F36***	***175***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEDTECH CORP	***350 GERARD AVE***	***NW 0 - 1/8 (0.098 mi.)***	***J59***	***279***
BARKLEY BUILDING	***385 GERARD AVE - 5TH &***	***NW 0 - 1/8 (0.119 mi.)***	***M64***	***293***
CON ED - EXTERIOR ST STORAGE Y	***281 EXTERIOR ST***	***W 0 - 1/8 (0.121 mi.)***	***L67***	***302***
S & S INDUSTRIES INC-385 GERAR	***385 GERARD AVENUE***	***NW 0 - 1/8 (0.121 mi.)***	***M74***	***322***
NORTHEAST LAMP RECYCLING INC	385 GERARD AVE - MAIN F	NW 0 - 1/8 (0.121 mi.)	M75	335
SPORT SCREEN INC	***385 GERARD AVE***	***NW 0 - 1/8 (0.121 mi.)***	***M76***	***336***
SPORT SCREEN INC	385 GERARD AVE 2ND FLOO	NW 0 - 1/8 (0.121 mi.)	M78	339
AJAX AUTOMOTIVE	***329 CANAL PL***	***ESE 0 - 1/8 (0.123 mi.)***	***O82***	***346***
CON ED - V 2380	***E 141 ST & CANAL PL***	***ESE 1/8 - 1/4 (0.127 mi.)***	***P85***	***359***
CON EDISON - VS 2380	***CANAL & 141ST ST***	***ESE 1/8 - 1/4 (0.127 mi.)***	***P86***	***361***
GAINES LEASING CORP	***325 EXTERIA ST***	***W 1/8 - 1/4 (0.128 mi.)***	***L87***	***363***
LUIGI RENALDO AUTO CENTER	325 EXTERIOR ST	W 1/8 - 1/4 (0.128 mi.)	L88	368
PREMIER METAL PRODUCTS CO DIV	***381 CANAL PL***	***E 1/8 - 1/4 (0.142 mi.)***	***R97***	***388***
RAB ELECTRIC MANUFACTURING CO	***321 RIDER AVE***	***SE 1/8 - 1/4 (0.161 mi.)***	***T108***	***444***
STONE SERVICES INC	***445 GERARD AVE***	***NNW 1/8 - 1/4 (0.169 mi.)***	***V111***	***451***
POWER CHEMICAL CO INC	***387 RIDER AVE***	***E 1/8 - 1/4 (0.176 mi.)***	***U115***	***464***
CHAIRMASTERS INC	***200 E 146TH ST***	***NE 1/8 - 1/4 (0.182 mi.)***	***Y118***	***481***
PPG INDUSTRIES INC LOC #1834	***441 EXTERIOR ST***	***NNW 1/8 - 1/4 (0.196 mi.)***	***AA126***	***547***
CON EDISON	E 140TH ST & MORRIS AVE	SE 1/8 - 1/4 (0.219 mi.)	136	585
COPAKE VALLEY FARM LLC	***475 EXTERIOR ST***	***NNW 1/8 - 1/4 (0.222 mi.)***	***AD141***	***598***
NYCHA - MOTT HAVEN HOUSES	***350 E 143RD ST***	***E 1/8 - 1/4 (0.232 mi.)***	***AE143***	***603***
U S A PORTABLE SERVICE	180 CANAL ST W	SSW 1/8 - 1/4 (0.241 mi.)	AG149	637

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

A review of the MANIFEST list, as provided by EDR, and dated 11/01/2011 has revealed that there are 26 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MERIT OIL CORP	***370 GRAND CONCOURSE AVE***	***NNE 0 - 1/8 (0.040 mi.)***	***D25***	***128***
HIPPODROME SVCS	310 WALTON AVE	W 0 - 1/8 (0.049 mi.)	E31	163
B & M LINEN CORP	***310 WALTON AVE***	***W 0 - 1/8 (0.049 mi.)***	***E34***	***169***
U-HAUL	***350 WALTON AVE***	***NW 0 - 1/8 (0.051 mi.)***	***F36***	***175***
HOSTOS COMMUNITY COLLEGE - TRA	***427 WALTON AVE***	***N 1/8 - 1/4 (0.132 mi.)***	***K91***	***372***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HOSTOS COMMUNITY COLLEGE	***475 GRAND CONCOURSE***	***NNE 1/8 - 1/4 (0.185 mi.)***	***Z123***	***520***
CONSOLIDATED EDISON	149TH ST & GRAND CONCOU	NNE 1/8 - 1/4 (0.249 mi.)	152	669

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEDTECH CORP	***350 GERARD AVE***	***NW 0 - 1/8 (0.098 mi.)***	***J59***	***279***
CON ED - EXTERIOR ST STORAGE Y	***281 EXTERIOR ST***	***W 0 - 1/8 (0.121 mi.)***	***L67***	***302***
S & S INDUSTRIES INC-385 GERAR	***385 GERARD AVENUE***	***NW 0 - 1/8 (0.121 mi.)***	***M74***	***322***
AJAX AUTOMOTIVE	***329 CANAL PL***	***ESE 0 - 1/8 (0.123 mi.)***	***O82***	***346***
CON ED - V 2380	***E 141 ST & CANAL PL***	***ESE 1/8 - 1/4 (0.127 mi.)***	***P85***	***359***
CON EDISON - VS 2380	***CANAL & 141ST ST***	***ESE 1/8 - 1/4 (0.127 mi.)***	***P86***	***361***
GAINES LEASING CORP	***325 EXTERIA ST***	***W 1/8 - 1/4 (0.128 mi.)***	***L87***	***363***
CONSOLIDATED EDISON	355 EXTERIOR ST OPEXCAV	NW 1/8 - 1/4 (0.141 mi.)	96	387
PREMIER METAL PRODUCTS CO DIV	***381 CANAL PL***	***E 1/8 - 1/4 (0.142 mi.)***	***R97***	***388***
B P PRODUCTS NORTH AMERICA #48	***115 E 138TH ST***	***SW 1/8 - 1/4 (0.146 mi.)***	***S102***	***425***
RAB ELECTRIC MANUFACTURING CO	***321 RIDER AVE***	***SE 1/8 - 1/4 (0.161 mi.)***	***T108***	***444***
STONE SERVICES INC	***445 GERARD AVE***	***NNW 1/8 - 1/4 (0.169 mi.)***	***V111***	***451***
NYCDEP	PARK AVE & E 138TH ST	S 1/8 - 1/4 (0.176 mi.)	W114	464
POWER CHEMICAL CO INC	***387 RIDER AVE***	***E 1/8 - 1/4 (0.176 mi.)***	***U115***	***464***
CHAIRMASTERS INC	***200 E 146TH ST***	***NE 1/8 - 1/4 (0.182 mi.)***	***Y118***	***481***
NYCHA - MOTT HAVEN HOUSES	***350 E 143RD ST***	***E 1/8 - 1/4 (0.232 mi.)***	***AE143***	***603***
G S D GASOLINE CORPORATION	242 EAST 138TH STREET	S 1/8 - 1/4 (0.241 mi.)	AF147	626
UNITED PARCEL SERVICE	***180 CANAL PL***	***S 1/8 - 1/4 (0.242 mi.)***	***150***	***638***
GRAND SILVER CO	***289 MORRIS AVE***	***SSE 1/8 - 1/4 (0.243 mi.)***	***151***	***656***

E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the E DESIGNATION list, as provided by EDR, and dated 09/08/2011 has revealed that there are 25 E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 37,TAXBLOCK 2341	344 GRAND CONCOURSE	E 0 - 1/8 (0.011 mi.)	A3	15
LOT 40,TAXBLOCK 2341	346 GRAND CONCOURSE	E 0 - 1/8 (0.011 mi.)	A5	23
LOT 34,TAXBLOCK 2341	338 GRAND CONCOURSE	SE 0 - 1/8 (0.013 mi.)	A7	31
LOT 42,TAXBLOCK 2341	350 GRAND CONCOURSE	ENE 0 - 1/8 (0.014 mi.)	A9	39
LOT 31,TAXBLOCK 2341	334 GRAND CONCOURSE	SSE 0 - 1/8 (0.017 mi.)	A12	63
LOT 49,TAXBLOCK 2345	349 GRAND CONCOURSE	NNE 0 - 1/8 (0.018 mi.)	A13	69
LOT 27,TAXBLOCK 2344	315 GRAND CONCOURSE	SSW 0 - 1/8 (0.021 mi.)	A18	95
LOT 28,TAXBLOCK 2341	310 GRAND CONCOURSE	S 0 - 1/8 (0.036 mi.)	C22	111
LOT 18,TAXBLOCK 2345	367 GRAND CONCOURSE	NNE 0 - 1/8 (0.042 mi.)	D27	146
LOT 23,TAXBLOCK 2341	304 GRAND CONCOURSE	S 0 - 1/8 (0.042 mi.)	C28	152
LOT 5,TAXBLOCK 2345	334 WALTON AVENUE	WNW 0 - 1/8 (0.044 mi.)	B29	156
LOT 75,TAXBLOCK 2344	301 WALTON AVENUE	WSW 0 - 1/8 (0.053 mi.)	E38	192
LOT 14,TAXBLOCK 2345	356 WALTON AVENUE	NNW 0 - 1/8 (0.056 mi.)	F40	198
LOT 17,TAXBLOCK 2344	288 WALTON AVENUE	WSW 0 - 1/8 (0.058 mi.)	E41	205
LOT 83,TAXBLOCK 2344	287 WALTON AVENUE	WSW 0 - 1/8 (0.059 mi.)	E42	211
LOT 22,TAXBLOCK 2345	391 GRAND CONCOURSE	NNE 0 - 1/8 (0.076 mi.)	H53	248
LOT 26,TAXBLOCK 2345	395 GRAND CONCOURSE	NNE 0 - 1/8 (0.082 mi.)	H56	258

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 1,TAXBLOCK 2344	261 GRAND CONCOURSE	SSW 0 - 1/8 (0.052 mi.)	C37	186
LOT 11,TAXBLOCK 2344	270 WALTON AVENUE	WSW 0 - 1/8 (0.066 mi.)	G48	227

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 10,TAXBLOCK 2341	276 GRAND CONCOURSE	S 0 - 1/8 (0.069 mi.)	50	236
LOT 60,TAXBLOCK 2344	261 WALTON AVENUE	WSW 0 - 1/8 (0.072 mi.)	G52	243
LOT 6,TAXBLOCK 2341	250 GRAND CONCOURSE	SSW 0 - 1/8 (0.095 mi.)	58	273
LOT 110,TAXBLOCK 2344	370 GERARD AVENUE	NW 0 - 1/8 (0.108 mi.)	J61	286
LOT 15,TAXBLOCK 2349	281 EXTERIOR STREET	W 0 - 1/8 (0.121 mi.)	L68	306
LOT 90,TAXBLOCK 2349	385 GERARD AVENUE	NW 0 - 1/8 (0.121 mi.)	M72	317

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
CONSOLIDATED EDISON	MANIFEST
SHELL OIL COMPANY	FINDS,RCRA-NLR,MANIFEST
LOT 3,TAXBLOCK 1998	E DESIGNATION
LOT 61,TAXBLOCK 1997	E DESIGNATION
NYSDOT BIN 1066220	RCRA-LQG
NYSDOT BIN 1077030	RCRA-LQG
NYSDOT BIN 2229339	RCRA-LQG
NYC DEPT OF SANITATION	FINDS,RCRA-NLR
MANHOLE 9580	SPILLS
OUTSIDE SOIL	SPILLS
SOIL	SPILLS
TRAFFIC ACCIDENT	SPILLS
GETTY #258	SPILLS
GETTY#258	SPILLS
GETTY #258	SPILLS
GETTY 258	SPILLS
IFO TASK FORCE	SPILLS
258 GETTY STATION	SPILLS
MILE MARKER IS POSSIBLY 2.6 THE CA	SPILLS
DRUM RUN	SPILLS

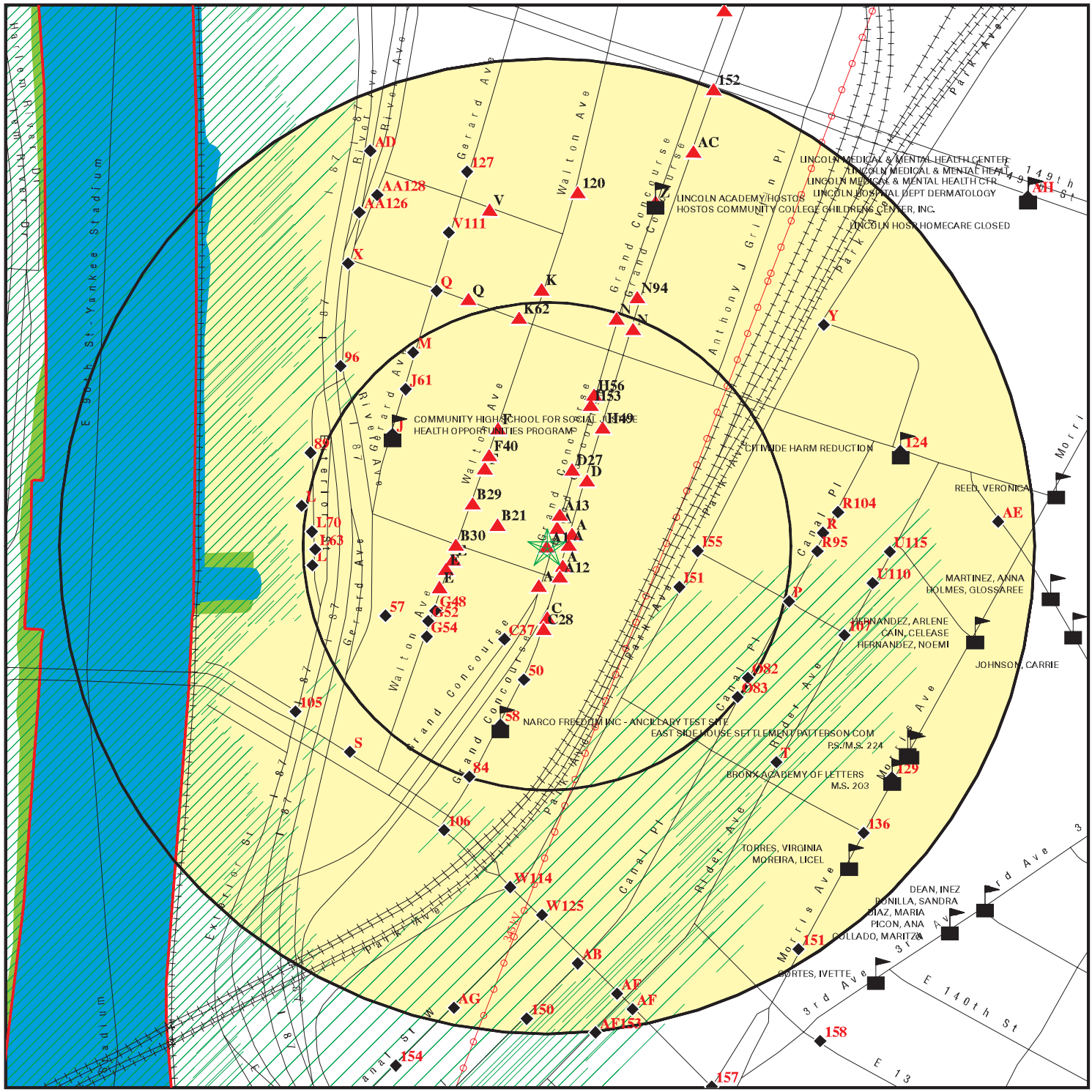
OVERVIEW MAP - 3240983.2s

- 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: 335 Grand Concourse	CLIENT: Hydro Tech Env. Corp.
ADDRESS: 335 Grand Concourse Bronx NY 10451	CONTACT: Shana Cross
LAT/LONG: 40.8151 / 73.9289	INQUIRY #: 3240983.2s DATE: January 17, 2012 11:42 am

DETAIL MAP - 3240983.2s



- 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
- 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: 335 Grand Concourse	CLIENT: Hydro Tech Env. Corp.
ADDRESS: 335 Grand Concourse Bronx NY 10451	CONTACT: Shana Cross
LAT/LONG: 40.8151 / 73.9289	INQUIRY #: 3240983.2s DATE: January 17, 2012 11:43 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 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	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS		1.000	0	0	0	0	NR	0
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	0	0	NR	NR	NR	0
RCRA-SQG		0.250	1	3	NR	NR	NR	4
RCRA-CESQG		0.250	0	4	NR	NR	NR	4
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	1	0	NR	1
VAPOR REOPENED		1.000	0	0	1	0	NR	1
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF		0.500	1	1	1	NR	NR	3
State and tribal leaking storage tank lists								
LTANKS		0.500	2	8	27	NR	NR	37
HIST LTANKS		0.500	2	6	24	NR	NR	32
INDIAN LUST		0.500	0	0	0	NR	NR	0
State and tribal registered storage tank lists								
TANKS		0.250	0	2	NR	NR	NR	2

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST		0.250	9	17	NR	NR	NR	26
CBS UST		0.250	0	0	NR	NR	NR	0
MOSF UST		0.500	0	0	0	NR	NR	0
AST		0.250	9	14	NR	NR	NR	23
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	0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP		0.500	0	0	0	NR	NR	0
BROWNFIELDS		0.500	0	0	2	NR	NR	2
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
SWTIRE		0.500	0	0	0	NR	NR	0
SWRCY		0.500	1	1	0	NR	NR	2
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	9	16	NR	NR	NR	25
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	Target Property	Search Distance (Miles)	< 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
Records of Emergency Release Reports								
HMIRS		TP	NR	NR	NR	NR	NR	0
NY Spills		0.125	17	NR	NR	NR	NR	17
NY Hist Spills		0.125	11	NR	NR	NR	NR	11
Other Ascertainable Records								
RCRA-NonGen		0.250	13	14	NR	NR	NR	27
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	0	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
MANIFEST		0.250	9	18	NR	NR	NR	27
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES		TP	NR	NR	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
E DESIGNATION	X	0.125	25	NR	NR	NR	NR	25
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	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **LOT 1,TAXBLOCK 2345** **E DESIGNATION** **S109942109**
Target **335 GRAND CONCOURSE** **N/A**
Property **BRONX, NY 10451**

Site 1 of 20 in cluster A

Actual:
29 ft.

E DESIGNATION:

Tax Lot(s):	1
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Borough Code:	BX
Community District:	201
Census Tract:	57
Census Block:	2008
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G9
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ENRIQUE PITA
Lot Area:	000004937
Total Building Floor Area:	00000001500
Commercial Floor Area:	00000001500
Office Floor Area:	00000000000
Retail Floor Area:	00000001500
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0060.33
Lot Depth:	0083.17
Building Frontage:	0025.00
Building Depth:	0060.00
Proximity Code:	0
Irregular Lot Code:	N

LOT 1,TAXBLOCK 2345 (Continued) **S109942109**

Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000022500
Total Assessed Value:	00000044415
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.30
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023450001
Condominium Number:	00000
Census Tract 2:	0057
X Coordinate:	1003879
Y Coordinate:	0236264
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	1
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Exhaust stack location limitations
Borough Code:	BX
Community District:	201
Census Tract:	57
Census Block:	2008
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported

LOT 1,TAXBLOCK 2345 (Continued) **S109942109**

All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G9
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ENRIQUE PITA
Lot Area:	000004937
Total Building Floor Area:	00000001500
Commercial Floor Area:	00000001500
Office Floor Area:	00000000000
Retail Floor Area:	00000001500
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0060.33
Lot Depth:	0083.17
Building Frontage:	0025.00
Building Depth:	0060.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000022500
Total Assessed Value:	00000044415
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.30
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023450001
Condominium Number:	00000
Census Tract 2:	0057
X Coordinate:	1003879
Y Coordinate:	0236264
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005

LOT 1,TAXBLOCK 2345 (Continued) **S109942109**

Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	1
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BX
Community District:	201
Census Tract:	57
Census Block:	2008
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G9
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ENRIQUE PITA
Lot Area:	000004937
Total Building Floor Area:	00000001500
Commercial Floor Area:	00000001500
Office Floor Area:	00000000000
Retail Floor Area:	00000001500
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0060.33
Lot Depth:	0083.17
Building Frontage:	0025.00
Building Depth:	0060.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3

LOT 1,TAXBLOCK 2345 (Continued) **S109942109**

Basement Type Grade:	5
Land Assessed Value:	00000022500
Total Assessed Value:	00000044415
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.30
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023450001
Condominium Number:	00000
Census Tract 2:	0057
X Coordinate:	1003879
Y Coordinate:	0236264
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	1
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BX
Community District:	201
Census Tract:	57
Census Block:	2008
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2

LOT 1,TAXBLOCK 2345 (Continued) **S109942109**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G9
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ENRIQUE PITA
Lot Area:	000004937
Total Building Floor Area:	00000001500
Commercial Floor Area:	00000001500
Office Floor Area:	00000000000
Retail Floor Area:	00000001500
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0060.33
Lot Depth:	0083.17
Building Frontage:	0025.00
Building Depth:	0060.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	3
Basement Type Grade:	5
Land Assessed Value:	00000022500
Total Assessed Value:	00000044415
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.30
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023450001
Condominium Number:	00000
Census Tract 2:	0057
X Coordinate:	1003879
Y Coordinate:	0236264
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 1,TAXBLOCK 2345 (Continued) **S109942109**

Date of Mass Appraisal Data: 11/2005
Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

A2 **EAGLE AUTO REPAIR CORP** **AST** **A100293835**
NNE **341 GRAND CONCOURSE** **N/A**
< 1/8 **BRONX, NY 10451**
0.007 mi.
35 ft. **Site 2 of 20 in cluster A**

Relative:
Equal

Actual:
29 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-607912
Program Type: PBS
UTM X: 590338.76520999998
UTM Y: 4518810.8180600004
Expiration Date: 2012/07/08

Affiliation Records:
Site Id: 29764
Affiliation Type: Owner
Company Name: EAGLE AUTO REPAIR CORP
Contact Type: OWNER/MANAGER
Contact Name: ISRAEL GONEN
Address1: 341 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0114
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 4/20/2007

Site Id: 29764
Affiliation Type: Mail Contact
Company Name: EAGLE AUTO REPAIR CORP.
Contact Type: Not reported
Contact Name: ISREAL GONEN
Address1: 341 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0114
Phone Ext: Not reported
Email: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 3/30/2007

Site Id: 29764

EAGLE AUTO REPAIR CORP (Continued) **A100293835**

Affiliation Type:	On-Site Operator
Company Name:	EAGLE AUTO REPAIR CORP
Contact Type:	Not reported
Contact Name:	ISREAL GONEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 742-0114
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	29764
Affiliation Type:	Emergency Contact
Company Name:	EAGLE AUTO REPAIR CORP
Contact Type:	Not reported
Contact Name:	ISREAL GONEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 742-0114
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Equipment Records:

A00 - Tank Internal Protection - None
G10 - Tank Secondary Containment - Impervious Underlayment
D00 - Pipe Type - No Piping
J00 - Dispenser - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None

Tank Info:

Tank Number:	001
Tank Id:	63822
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported

EAGLE AUTO REPAIR CORP (Continued) **A100293835**

Pipe Model:	Not reported
Install Date:	11/30/1999
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	4/20/2007

A3 **LOT 37,TAXBLOCK 2341** **E DESIGNATION** **S109942499**
East **344 GRAND CONCOURSE** **N/A**
< 1/8 **BRONX, NY 10451**
0.011 mi.
56 ft. **Site 3 of 20 in cluster A**

Relative:
Equal

Actual:
29 ft.

E DESIGNATION:

Tax Lot(s):	37
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G9
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	HETED REALTY CORP
Lot Area:	000005050
Total Building Floor Area:	00000001150
Commercial Floor Area:	00000001150
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001150
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000

LOT 37,TAXBLOCK 2341 (Continued) **S109942499**

Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.50
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0046.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000021645
Total Assessed Value:	00000049500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1953
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.23
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410037
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004073
Y Coordinate:	0236227
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	37
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Exhaust stack location limitations
Borough Code:	BX
Community District:	201
Census Tract:	49

LOT 37,TAXBLOCK 2341 (Continued) **S109942499**

Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G9
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	HETED REALTY CORP
Lot Area:	000005050
Total Building Floor Area:	00000001150
Commercial Floor Area:	00000001150
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001150
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.50
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0046.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000021645
Total Assessed Value:	00000049500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1953
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.23
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410037
Condominium Number:	00000

LOT 37,TAXBLOCK 2341 (Continued) **S109942499**

Census Tract 2:	0049
X Coordinate:	1004073
Y Coordinate:	0236227
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	37
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G9
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	HETED REALTY CORP
Lot Area:	000005050
Total Building Floor Area:	00000001150
Commercial Floor Area:	00000001150
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001150
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000

LOT 37,TAXBLOCK 2341 (Continued) **S109942499**

Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.50
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0046.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000021645
Total Assessed Value:	00000049500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1953
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.23
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410037
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004073
Y Coordinate:	0236227
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	37
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004

LOT 37,TAXBLOCK 2341 (Continued) **S109942499**

School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G9
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	HETED REALTY CORP
Lot Area:	000005050
Total Building Floor Area:	00000001150
Commercial Floor Area:	00000001150
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000001150
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0050.50
Lot Depth:	0100.00
Building Frontage:	0025.00
Building Depth:	0046.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000021645
Total Assessed Value:	00000049500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1953
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.23
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410037
Condominium Number:	00000
Census Tract 2:	0049

LOT 37,TAXBLOCK 2341 (Continued) **S109942499**

X Coordinate:	1004073
Y Coordinate:	0236227
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A4 **141ST ST& GRAND CONCOURSE** **NY Spills** **S102145239**
NNE **141ST ST &GRAND CONCOURSE** **NY Hist Spills** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.011 mi.
59 ft. **Site 4 of 20 in cluster A**

Relative:
Higher

Actual:
30 ft.

NY Spills:

Site ID:	114893
Facility Addr2:	Not reported
Facility ID:	8807934
Spill Number:	8807934
Facility Type:	ER
SWIS:	0301
Investigator:	SIGONA
Referred To:	Not reported
Spill Date:	1/1/1989
Reported to Dept:	1/1/1989
CID:	Not reported
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Gasoline Station
Spill Notifier:	Local Agency
Cleanup Ceased:	1/1/1989
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Not reported
Spill Closed Dt:	1/1/1989
Remediation Phase:	0
Date Entered In Computer:	1/11/1989
Spill Record Last Update:	1/11/1989
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Region:	2
DER Facility ID:	100169
DEC Memo:	Not reported

141ST ST& GRAND CONCOURSE (Continued) **S102145239**

Remarks: NYCFD WATERED & FOAMED DOWN SPILL, NO ACTION REQUIRED BY DEC.

Material:
Site ID: 114893
Operable Unit ID: 923419
Operable Unit: 01
Material ID: 452709
Material Code: 0009
Material Name: Gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1
Units: Not reported
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:
Site ID: Not reported
Spill Tank Test: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate: Not reported
Gross Fail: Not reported
Modified By: Not reported
Last Modified: Not reported
Test Method: Not reported

NY Hist Spills:
Region of Spill: 2
Spill Number: 8807934
Investigator: SIGONA
Caller Name: Not reported
Caller Agency: Not reported
Caller Phone: Not reported
Notifier Name: Not reported
Notifier Agency: Not reported
Notifier Phone: Not reported
Spill Date/Time: 01/01/1989 15:20
Reported to Dept Date/Time: 01/01/89 15:21
SWIS: 60
Spiller Name: UNKNOWN
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: Not reported
Spill Cause: Unknown
Reported to Dept: On Land
Water Affected: Not reported
Spill Source: 05
Spill Notifier: Local Agency
PBS Number: Not reported
Cleanup Ceased: 01/01/89
Cleanup Meets Std: True
Last Inspection: / /

141ST ST& GRAND CONCOURSE (Continued) **S102145239**

Recommended Penalty: Penalty Not Recommended
Spiller Cleanup Dt: / /
Enforcement Date: / /
Invstgn Complete: / /
UST Involvement: False
Spill Class: Not reported
Spill Closed Dt: 01/01/89
Corrective Action Plan Submitted: / /
Date Region Sent Summary to Central Office: / /
Date Spill Entered In Computer Data File: 01/11/89
Date Spill Entered In Computer Data File: Not reported
Update Date: 01/11/89
Is Updated: False

Tank:
PBS Number: Not reported
Tank Number: Not reported
Tank Size: Not reported
Test Method: Not reported
Leak Rate Failed Tank: Not reported
Gross Leak Rate: Not reported

Material:
Material Class Type: Petroleum
Quantity Spilled: -1
Unkonwn Quantity Spilled: False
Units: Not reported
Quantity Recovered: 0
Unkonwn Quantity Recovered: False
Material: GASOLINE
Class Type: GASOLINE
Times Material Entry In File: 21329
CAS Number: Not reported
Last Date: 19940929
DEC Remarks: Not reported
Remark: NYCFD WATERED FOAMED DOWN SPILL, NO ACTION REQUIRED BY DEC.

A5 **LOT 40,TAXBLOCK 2341** **E DESIGNATION** **S109942555**
East **346 GRAND CONCOURSE** **N/A**
< 1/8 **BRONX, NY 10451**
0.011 mi.
59 ft. **Site 5 of 20 in cluster A**

Relative:
Equal

Actual:
29 ft.

E DESIGNATION:
Tax Lot(s): 40
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: BX
Community District: 201
Census Tract: 49
Census Block: 1004
School District: 07
City Council District: 17
Fire Company: L017

LOT 40,TAXBLOCK 2341 (Continued) **S109942555**

Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	DIEGO YEPES
Lot Area:	000004000
Total Building Floor Area:	00000002450
Commercial Floor Area:	00000002450
Office Floor Area:	00000000000
Retail Floor Area:	00000002450
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0040.00
Lot Depth:	0100.00
Building Frontage:	0035.00
Building Depth:	0070.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000013860
Total Assessed Value:	00000085950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1953
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.61
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410040
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004085
Y Coordinate:	0236271
Zoning Map:	06A

LOT 40,TAXBLOCK 2341 (Continued) **S109942555**

Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	40
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	DIEGO YEPES
Lot Area:	000004000
Total Building Floor Area:	00000002450
Commercial Floor Area:	00000002450
Office Floor Area:	00000000000
Retail Floor Area:	00000002450
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00

LOT 40,TAXBLOCK 2341 (Continued) **S109942555**

Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0040.00
Lot Depth:	0100.00
Building Frontage:	0035.00
Building Depth:	0070.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000013860
Total Assessed Value:	00000085950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1953
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.61
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410040
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004085
Y Coordinate:	0236271
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	40
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017

LOT 40,TAXBLOCK 2341 (Continued) **S109942555**

Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	DIEGO YEPES
Lot Area:	000004000
Total Building Floor Area:	00000002450
Commercial Floor Area:	00000002450
Office Floor Area:	00000000000
Retail Floor Area:	00000002450
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0040.00
Lot Depth:	0100.00
Building Frontage:	0035.00
Building Depth:	0070.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000013860
Total Assessed Value:	00000085950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1953
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.61
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410040
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004085
Y Coordinate:	0236271
Zoning Map:	06A

LOT 40,TAXBLOCK 2341 (Continued) **S109942555**

Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	40
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Exhaust stack location limitations
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	DIEGO YEPES
Lot Area:	000004000
Total Building Floor Area:	00000002450
Commercial Floor Area:	00000002450
Office Floor Area:	00000000000
Retail Floor Area:	00000002450
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000

LOT 40,TAXBLOCK 2341 (Continued) **S109942555**

Non and Residential Units:	00001
Lot Frontage:	0040.00
Lot Depth:	0100.00
Building Frontage:	0035.00
Building Depth:	0070.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000013860
Total Assessed Value:	00000085950
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1953
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.61
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410040
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004085
Y Coordinate:	0236271
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A6 **PEGUERO BROTHERS REPAIR SHOP** **AST** **A100304677**
SE **338 GRAND CONCOURSE** **N/A**
< 1/8 **BRONX, NY 10451**
0.013 mi.
68 ft. **Site 6 of 20 in cluster A**

Relative:
Equal

Actual:
29 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-610573
Program Type:	PBS
UTM X:	590350.40708000003
UTM Y:	4518766.6637399998
Expiration Date:	2012/05/18

Affiliation Records:

PEGUERO BROTHERS REPAIR SHOP (Continued) **A100304677**

Site Id:	381648
Affiliation Type:	Owner
Company Name:	SOCRATES PEGUERO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	2625 3RD AVE.
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10451
Country Code:	001
Phone:	(718) 665-9278
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/18/2007

Site Id:	381648
Affiliation Type:	Mail Contact
Company Name:	PEGUERO BROTHERS REPAIR SHOP
Contact Type:	Not reported
Contact Name:	LYSNETTE PEGUERO
Address1:	340 GRAND CONCOURSE
Address2:	Not reported
City:	BRONX
State:	NY
Zip Code:	10451
Country Code:	001
Phone:	(718) 665-7151
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/18/2007

Site Id:	381648
Affiliation Type:	On-Site Operator
Company Name:	PEQUERO BROTHERS REPAIR SHOP
Contact Type:	Not reported
Contact Name:	LYSNETTE PEGUERO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 665-7151
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/18/2007

Site Id:	381648
Affiliation Type:	Emergency Contact
Company Name:	SOCRATES PEGUERO

PEGUERO BROTHERS REPAIR SHOP (Continued) **A100304677**

Contact Type:	Not reported
Contact Name:	SOCRATES PEGUERO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 514-1628
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	5/18/2007

Equipment Records:

K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction
D11 - Pipe Type - Flexible Piping
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C01 - Pipe Location - Aboveground
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None

Tank Info:

Tank Number:	060613
Tank Id:	217281
Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	8/1/1999
Capacity Gallons:	150
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	5/18/2007

A7 **LOT 34,TAXBLOCK 2341** **E DESIGNATION** **S109942466**
SE **338 GRAND CONCOURSE** **N/A**
< 1/8 **BRONX, NY 10451**
0.013 mi.
68 ft. **Site 7 of 20 in cluster A**

Relative:
Equal

Actual:
29 ft.

E DESIGNATION:

Tax Lot(s):	34
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X

LOT 34,TAXBLOCK 2341 (Continued) **S109942466**

Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Exhaust stack location limitations
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	340 GRAND CONCOURSE I
Lot Area:	000005842
Total Building Floor Area:	00000005300
Commercial Floor Area:	00000005300
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000005300
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0058.42
Lot Depth:	0100.00
Building Frontage:	0053.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000023895
Total Assessed Value:	00000080550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported

LOT 34,TAXBLOCK 2341 (Continued) **S109942466**

Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.91
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410034
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004058
Y Coordinate:	0236176
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	34
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	340 GRAND CONCOURSE I
Lot Area:	000005842
Total Building Floor Area:	00000005300

LOT 34,TAXBLOCK 2341 (Continued) **S109942466**

Commercial Floor Area:	00000005300
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000005300
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0058.42
Lot Depth:	0100.00
Building Frontage:	0053.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000023895
Total Assessed Value:	00000080550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.91
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410034
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004058
Y Coordinate:	0236176
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	34
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X

LOT 34,TAXBLOCK 2341 (Continued) **S109942466**

Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	340 GRAND CONCOURSE I
Lot Area:	000005842
Total Building Floor Area:	00000005300
Commercial Floor Area:	00000005300
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000005300
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0058.42
Lot Depth:	0100.00
Building Frontage:	0053.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000023895
Total Assessed Value:	00000080550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported

LOT 34,TAXBLOCK 2341 (Continued) **S109942466**

Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.91
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410034
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004058
Y Coordinate:	0236176
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	34
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G2
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	340 GRAND CONCOURSE I
Lot Area:	000005842
Total Building Floor Area:	00000005300
Commercial Floor Area:	00000005300

LOT 34,TAXBLOCK 2341 (Continued) **S109942466**

Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000005300
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0058.42
Lot Depth:	0100.00
Building Frontage:	0053.00
Building Depth:	0100.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000023895
Total Assessed Value:	00000080550
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.91
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410034
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004058
Y Coordinate:	0236176
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A8 **A C A AMOCO #594** **RCRA-NonGen** **1000553884**
ENE **350 GRAND CONCOURSE BLVD** **FINDS** **NYD986963189**
< 1/8 **BRONX, NY 10451**
0.014 mi.
75 ft. **Site 8 of 20 in cluster A**

Relative:
Higher

Actual:
30 ft.

RCRA-NonGen:

Date form received by agency:	01/01/2007
Facility name:	A C A AMOCO #594
Facility address:	350 GRAND CONCOURSE BLVD BRONX, NY 104515409
EPA ID:	NYD986963189
Mailing address:	GRAND CONCOURSE BLVD BRONX, NY 10454
Contact:	Not reported
Contact address:	GRAND CONCOURSE BLVD BRONX, NY 10454
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	A C A MANAGEMENT SERVICES
Owner/operator address:	728 BLACK HORSE PIKE TURNERSVILLE, NJ 08012
Owner/operator country:	US
Owner/operator telephone:	(609) 227-6111
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	A C A MANAGEMENT SERVICES
Owner/operator address:	728 BLACK HORSE PIKE TURNERSVILLE, NJ 08012
Owner/operator country:	US
Owner/operator telephone:	(609) 227-6111
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No

A C A AMOCO #594 (Continued) **1000553884**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Facility name: A C A AMOCO #594
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Facility name: A C A AMOCO #594
Classification: Not a generator, verified

Date form received by agency: 01/07/1992
Facility name: A C A AMOCO #594
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004472794

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A9 **LOT 42,TAXBLOCK 2341** **E DESIGNATION** **S109942572**
ENE **350 GRAND CONCOURSE** **N/A**
< 1/8 **BRONX, NY 10451**
0.014 mi.
75 ft. **Site 9 of 20 in cluster A**

Relative:
Higher

Actual:
30 ft.

E DESIGNATION:
Tax Lot(s): 42
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a
Description: Window Wall Attenuation & Alternate Ventilation
Borough Code: BX
Community District: 201
Census Tract: 49
Census Block: 1004
School District: 07
City Council District: 17
Fire Company: L017
Health Area: 23
Police Precinct: 040
Zone District 1: M1-2
Zone District 2: Not reported

LOT 42,TAXBLOCK 2341 (Continued) **S109942572**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G5
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	350 CONCOURSE RLTY CO
Lot Area:	000031100
Total Building Floor Area:	00000002900
Commercial Floor Area:	00000002900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000002900
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0311.95
Lot Depth:	0100.00
Building Frontage:	0030.00
Building Depth:	0050.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000182250
Total Assessed Value:	00000677250
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	2002
Year Built Code:	Not reported
Year Altered1:	1993
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.09
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410042
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004114
Y Coordinate:	0236359
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 42,TAXBLOCK 2341 (Continued) **S109942572**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	42
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G5
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	350 CONCOURSE RLTY CO
Lot Area:	000031100
Total Building Floor Area:	00000002900
Commercial Floor Area:	00000002900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000002900
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0311.95
Lot Depth:	0100.00
Building Frontage:	0030.00

LOT 42,TAXBLOCK 2341 (Continued) **S109942572**

Building Depth:	0050.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000182250
Total Assessed Value:	00000677250
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	2002
Year Built Code:	Not reported
Year Altered1:	1993
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.09
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410042
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004114
Y Coordinate:	0236359
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	42
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported

LOT 42,TAXBLOCK 2341 (Continued) **S109942572**

Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G5
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	350 CONCOURSE RLTY CO
Lot Area:	000031100
Total Building Floor Area:	00000002900
Commercial Floor Area:	00000002900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000002900
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0311.95
Lot Depth:	0100.00
Building Frontage:	0030.00
Building Depth:	0050.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000182250
Total Assessed Value:	00000677250
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	2002
Year Built Code:	Not reported
Year Altered1:	1993
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.09
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410042
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004114
Y Coordinate:	0236359
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005

LOT 42,TAXBLOCK 2341 (Continued) **S109942572**

Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	42
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Exhaust stack location limitations
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G5
Land Use Category:	07
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	350 CONCOURSE RLTY CO
Lot Area:	000031100
Total Building Floor Area:	00000002900
Commercial Floor Area:	00000002900
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000002900
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0311.95
Lot Depth:	0100.00
Building Frontage:	0030.00

LOT 42,TAXBLOCK 2341 (Continued) **S109942572**

Building Depth:	0050.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000182250
Total Assessed Value:	00000677250
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	2002
Year Built Code:	Not reported
Year Altered1:	1993
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.09
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410042
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004114
Y Coordinate:	0236359
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A10 **BP AMOCO STATION #17782** **NY Spills** **S106002004**
ENE **350 GRAND CONCOURSE** **N/A**
< 1/8 **BRONX, NY**
0.014 mi.
75 ft. **Site 10 of 20 in cluster A**

Relative:
Higher

Actual:
30 ft.

NY Spills:

Site ID:	168726
Facility Addr2:	Not reported
Facility ID:	0111974
Spill Number:	0111974
Facility Type:	ER
SWIS:	0301
Investigator:	rjfeng
Referred To:	AWAIT SULFATE INJECTIONS & MONITORING
Spill Date:	2/20/2002
Reported to Dept:	3/20/2002
CID:	211
Spill Cause:	Unknown
Water Affected:	Not reported
Spill Source:	Gasoline Station

BP AMOCO STATION #17782 (Continued) **S106002004**

Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Penalty Not Recommended
UST Trust:	False
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Spill Closed Dt:	Not Closed
Remediation Phase:	4
Date Entered In Computer:	3/20/2002
Spill Record Last Update:	7/12/2011
Spiller Name:	BRAD FISHER
Spiller Company:	AMOCO 17782
Spiller Address:	350 GRAND CONCOURSE
Spiller City,St,Zip:	BRONX, ZZ
Spiller Company:	001
Contact Name:	BRAD FISHER
Contact Phone:	(914) 765-8198
DEC Region:	2
DER Facility ID:	142117
DEC Memo:	11/28/03 Reassigned from DeMeo to Foley. See spill #9814075 for info on former Merit station on nothern half of property. File review: Underground Storage Tank Excavation Assessment Repor t (Delta, 11/4/02) Five 4000gal(double-walled steel) gas USTs and an abandoned 550-ga l(single-walled steel) UST excavated during raze and rebuild activities. Replaced with three 12000gal gas USTs in a separate tank cavity. Lab analysis of the gasoline tank field post-ex soil samples ident ified MTBE in excess of TAGM in the four bottom samples (tank-2, tank-3, tank-4 and tank-5). MTBE concentrations ranged from 1500ppb(tank-5) to 7740ppb(tank-3). Total BTEX was non-detect in all soil samples. No soil was excavated during tank pulls. Delta proposes conduct ing a Geoprobe assessment in the vicinity of the former tank field to delineate soil concentrations. 12/31/03 Received SHAR (Delta, 12/22/03) Report only covers the southern half of the existing BP service station. The nothern half is managed by Amerada Hess, formerly occupied by a Merit station. Site plan shows 6 monitoring wells on the northern portion of the property.(see spill #9814075) 1360 tons of petroleum-impacted soils were removed during raze and rebuild. Six soil borings were advanced around the former tank field and pump islands to depths between 11.5 and 20ft bgs. Lab analysis of soil samples did not identify VOCs in excess of TAGM. Three soil borings were converted to temporary 1" wells. Groundwater samples collected identified between nine and fourteen VOCs in excess of GWQS in all three samples. MTBE concentrations ranged from 2820ppb(SB-1/water) to 11500ppb(SB-2/water). Delta installed three 2" permanent monitoring wells in June/July 2 003 to depths between 19.9 and 21.4'bgs. Underlying bedrock was encountered in one of the three borings at 21.5'. Additional

BP AMOCO STATION #17782 (Continued) **S106002004**

groundwater samples were collected. Lab analysis identified VOCs in excess of GWQS in all three samples.
1/5/04 Discussed site with J. Sun, PM for Hess(#9814075). He will look for signed STIP from Hess for northern section of property. May have existing remediation system on property.
1/29/04 Received 4Q2003 monitoring report(Delta, 1/21/04). Max BTEX 29936ppb(MW-5) and max MTBE 2860ppb(MW-4). MW-2 is clean.
1/29/04 Joe Sun sent out stip to Hess. 3/24/04 Hess stip executed.
4/22/04 Received 1Q2004 monitoring report. DTW 12.5-19'bgs. Total BTEX from 10ppb(MW-2) to 15962ppb(MW-1). MTBE from 6.9ppb(MW-2) to 1720ppb(MW-3).
10/14/04 2Q04 monitoring report received. DTW 13-18'bgs. BTEX from 12ppb(MW-2) to 16174ppb(MW-1). MTBE from 3ppb(MW-2) to 1160ppb(MW-1).
4/7/05 Received 3Q04 and 4Q04 monitoring reports. 3Q04- BTEX ranged from ND(MW-2) to 18124ppb(MW-1). MTBE ranged from ND(MW-2) to 424ppb(MW-3).
4Q04- BTEX ranged from 1ppb(MW-2) to 16084ppb(MW-1). MTBE ranged from 9ppb(MW-2) to 507ppb(MW-3).
11/9/05: Reviewed quarterly report dated 9/29/05. Three wells sampled on 6/10/05. No LNAPL present. Max BTEX is 22437ppb (MW1) and max MTBE is 328ppb(MW3).
11/25/05 3Q05 - DTW 11.82-19.30'bgs. No LNAPL present. BTEX from 0.5ppb(MW-2) to 9858ppb(MW-1). MTBE from 2ppb(MW-2) to 559ppb(MW-3).
3/28/06 4Q05 sampling conducted 12/28/05 on three MWs. DTW 11.74-17.91'bgs. BTEX from 34ppb(MW-2) to 31268ppb(MW-1). MTBE from ND(MW-1) to 131ppb(MW-3). MW-1 is problem well. Concentrations in downgradient well(MW-3) are fluctuating. Hess has system operating on northside of property.
6/8/2006 - Feng - project reassigned to RJFeng. (RJF) 9/29/2006 - Feng - Portfolio meeting with BP and Delta. The site has limited access to trucks due to the canopy. Delta will keep quarterly monitoring.
(RJF)
1/4/2007 - Feng - 1Q2006, 10/18/2006, by Delta. Groundwater sampled and gauged 3/3/2006. 3 monitoring wells. DTW 12.23' to 18.31' bg. Flows southeast. No LNAPL. MW-1, 13,489 ppb BTEX, 23.8 ppb MTBE. MW-2, 1.4 ppb BTEX, 2.1 ppb MTBE. MW-3, 60.4 ppb BTEX, 81.4 ppb MTBE.
(RJF)
2/6/2007 - Feng - 2Q2006, 12/11/2006, by Delta. Groundwater sampled and gauged 6/30/2006. 3 monitoring wells. DTW 10.82' to 17.93' bg. Flows east-southeast. No LNAPL. MW-1, 14,887 ppb BTEX, 8.6 ppb MTBE. MW-2, 133.62 ppb BTEX, 0.4 ppb MTBE. 16.69 ppb BTEX, 30.4 ppb MTBE.
Checked with Hess PM, RAP for SVE and ORC socks approved, but not implemented yet.
(RJF)
5/29/2007 - Feng - 3Q2006, 1/22/2007, by Delta. Groundwater sampled and gauged 9/26/2006. 3 monitoring wells. DTW 11.98' to 18.02' bg. Flows to southeast. LNAPL in MW-1 (0.02'). MW-1, 9,882 ppb BTEX, 7.7 ppb MTBE. MW-2, 0.45 ppb BTEX, 2 ppb MTBE. MW-3, 9.8 ppb

BP AMOCO STATION #17782 (Continued) **S106002004**

BTEX, 20.6 ppb MTBE.
(RJF)
8/15/2007 - Feng - 4Q2006, 7/2/2007. Groundwater sampled 12/13/20 06. All 3 monitoring wells were sampled. DTW 12.09' to 18.14' bg. Flows to southeast. No LNAPL. MW-1, 17,027 ppb BTEX, <50 ppb MTBE. MW-2, BTEX ND, 1.7 ppb MTBE. MW-3, 21.7 ppb BTEX, 31.5 ppb MTBE.
(RJF)
11/21/2007 - Feng - 1Q2007, 8/30/2007. Groundwater sampled 3/28/2 007. All 3 monitoring wells were sampled. DTW 11.76' to 17.77' bg. Flows to southeast. No LNAPL. BTEX range ND to 10,616 ppb (MW-1). MTBE range 1.1 ppb to 13.6 ppb (MW-3).
(RJF)
3/20/2008 - Feng - eDoc Quarterly Monitoring Report 3Q2007, 4Q2007 and 1Q2008.
(RJF)
6/26/2008 - 3Q2007, 2/25/2008. Active service station. The monit oring well network was gauged and sampled on 8/22/007. The site was not sampled in 2Q2007. 3 monitoring wells were gauged and sampled. DTW 11.30' to 17.66' bg. Flows to southeast. No LNAPL. BTEX range ND to 9,528 ppb (MW-1). MTBE range ND to 14.2 ppb (MW-3).
4Q2007, 2/25/2008. Active service station. The monitoring well n etwork was gauged and sampled 11/14/2007. 3 monitoring wells. DTW 12.27' to 18.54' bg. Flows to southeast. NO LNAPL. BTEX range ND to 10,323 ppb (MW-1). MTBE range N Dto 26.2 ppb (MW-3).
1Q2008, 3/10/2008. Active service station. The monitoring well n etwork was gauged and sampled 2/7/2008. 3 monitoring wells. DTW 12.45' to 18.49' bg. Flows to southeast. NO LNAPL. BTEX range 1 ppb to 10,600 ppb (MW-1). MTBE range 1 ppb to 25 ppb (MW-3).
(RJF)
10/29/2008 - 2Q2008, 9/20/2008, by Delta. Active station. The mo nitoring well network was gauged and sampled 6/27/2008. 3 wells were gauged. NO LNAPL. DTW 11.66' to 18.62' bg. Flows to southeast. 3 wells were sampled. BTEX range 0.67 ug/L to 9,770 ug/L (MW-1). MTBE range ND to 14.0 ug/L (MW-3).
(RJF)
3/4/2009 - 3Q2008, 12/11/2008, by Delta. Active station. The mon itoring well nework was gauged and sampled 9/4/2008. 3 wells were gauged. LNAPL in MW-1 (0.02'). DTW 11.95' to 18.09' bg. Flows to southeast. 3 wells were sampled. BTEX range ND to 10,540 ug/L (MW-1). MTBE range 1.1 ug/L to 7.2 ug/L (MW-3).
4Q2008, 1/30/2009, by Delta. Active station. The monitoring well network was gauged and sampled on 12/17/2008. 3 wells were gauged. LNAPL in MW-1 (0.03'). DTW 11.57' to 17.57' bg. Flows to southeast. 3 wells were sampled. BTEX range ND to 9,980 ug/L (MW-1). MTBE range ND to 8.3 ug/L (MW-3).
(RJF)
8/14/2009 - Reviewed Drilling Work Plan, dated 6/29/2009, by Delta , pdf copy via email. Delta proposes to install 2 monitoring wells northwest and southwest of MW-1. Email comments to Delta requiring one more downgradient well at the east side of the canopy. Revision due 9/2009.
(RJF)
9/1/2009 - 2Q2009, 8/5/2009, by Delta. Active station. The monit oring well network was gauged and sampled on 6/29/2009. 3 wells were gauged. NO LNAPL. DTW 10.87' to 17.20' bg. Flows to southeast. 3 wells were sampled. BTEX range ND to 10,407 ug/L (MW-1). MTBE range ND to 7.1 ug/L (MW-3).

BP AMOCO STATION #17782 (Continued) **S106002004**

(RJF)
9/11/2009 - email from Delta. attached with the SHAR of 12/29/200 3. Delta installed SB-6 at the east side of the canopy/tanks. The boring was advanced to 11.5 feet bgs. Weathered bedrock was encountered at approximately 8 feet bgs and there was no overburden saturation. soil sample taken from 9-11.5 feet, no VOCs/SVOCs detected. Delta requested not to install the well over there as required by DEC 8/14/2009.
(RJF)
3Q2009, 12/7/2009, by ARCADIS. 3 wells were gauged and sampled on 9/25/2009. LNAPL in MW-1 (0.01'). Max benzene 81 ug/L (MW-1). Max BTEX 6,200 ug/L (MW-1). Max MTBE 6.3 ug/L (MW-3). ARCADIS requests to reduce the monthly gauging to quarterly based on the intermittent nature of LNAPL occurrence in MW-1.
4Q2009, 2/5/2010, by ARCADIS. 3 wells were gauged and sampled on 12/30/2009. DTW 11.34-17.20' bg. Flows to east-southeast. NO LNAPL. max benzene 34 ug/L (MW-1). Max BTEX 7,900 ug/L (MW-1). Max MTBE 5.2 ug/L (MW-1). Due to project transition, the monthly guaging did not occur in October, November or January 2010, but has now resumed. Installation of 3 additional wells was proposed to DEC 12/2009 and will schedule field upon approval.
3/16/2010 - Reviewed Investigation Work Plan revision, dated 3/8/2 010, by ARCADIS. ARCADIS proposes to install 3 monitoring wells, MW-4 west of the canopy, MW-5 south of the canopy in between MW-1 and MW-2, MW-6 east of the canopy. Work plan is approved. Report due 6/2010.
(RJF)
5/21/2010 - 1Q2010, 4/28/2010, by ARCADIS. 3 wells were gauged an d sampled on 3/12/2010. DTW 19.73-21.33' bg. Flows to east-southeast. NO LNAPL. Max benzene 52 ug/L (MW-1). Max BTEX 7,500J ug/L (MW-1). Max MTBE 4.5J (MW-1). The 3 new wells are scheduled to be installed in 5/2010. ARCADIS requests reduce monthly gauging to
quarterly.
08/26/10: This spill case is transferred from R. Feng to J. Kollee ny. Reviewed Results of 2nd Quarter 2010 GW Monitoring and Subsurface Hydrocarbon Assessment Rpt by ARCADIS, both dated 8/16/10 (in eDocs). 2nd Quarter 2010 sampling shows high dissolved contam in well MW-1. Subsurface Invest Rpt. summarizes install'n & sampling of 3 new soil borings, two of which were converted into mon wells (3rd boring hit refusal on presumed bedrock w/o hitting GW). Borings found saturated zone soil contam at MW-4, and significant GW impacts at MW-4 and MW-5. ARCADIS proposed adding new wells to mon program, continued quarterly mon, and evaluation of remedial technologies, feasibility study and remedial action plan. I sent letter (in eDocs) to Jon Armstrong of BP, cc's to Ray Wagner and Andrew Korik of ARCADIS, asking for addt'l delin wells to north & west of most contaminated wells (MW-1, MW-4 & MW-5), with work plan for wells due by 9/17/10 and RAP due by 12/3/10. - J.
Kolleeny 08/30/10: Spill no. at adjacent former Merit Station to no rth of site (cleanup being managed by Hess) is 9814075; see rpts in eDocs for GW data. - J.
Kolleeny 09/01/10: On 8/27/10 received email from Ray Wagner of ARC ADIS: "I believe we can accommodate you on request to add Former UST areas to site plans, where applicable, and we have this info. We will begin this process; please keep in mind there may be a little lag in updating some sites as we will be pulling figures from archive site

BP AMOCO STATION #17782 (Continued) **S106002004**

files sent from Delta. I would like to have a call with you to discuss recently submitted investig rpt for BP station 17782 and your request for addt'l delin wells to west & north of MW-4. Merit site to north has wells just north of MW-4, and stepping out to west of MW-4 is limited due to subway and street. Please let me know if you would be available to discuss this later today or early next week." Spoke with Ray later that day, asked if he could send site plan showing northern half of site (former Merit Station), where cleanup is being managed by Hess. On 8/30/10, he sent figure and 2009 rpt by EnviroTrac showing wells on north portion of site and GW data. I sent email: "Thanks for fig. and rpt. Have you been able to find out anything about location of former USTs at former Amoco station?" He replied he would have that info by 9/1/10. On 9/1/10, received email from Andrew Korik of ARCADIS showing former UST locations on former Amoco & Merit portions of site (in eDocs). I sent email to Andrew & Ray of ARCADIS, cc to Jon Armstrong of BP: "Thanks for sending site plans with former UST locations. I looked over fig. and 2009 EnviroTrac rpt sent few days ago by Ray, and I also looked at more recent EnviroTrac rpt (July 2010) for northern (former Merit sta.) portion of site, and I see that monitoring well "MW-4" on southwestern part of that site has either been destroyed or is not being sampled. Therefore, I believe that an addt'l well to north of ARCADIS well MW-4 on former Amoco site, near former property line, is warranted. In light of constraints posed by nearby subway & Grand Concourse, I will not at this time ask for addt'l delin wells west of contam area represented by wells MW-1, MW-4 & MW-5. Please contact me if you have questions." -
JK 09/07/10: On 9/2/10, received email from Andrew Korik of ARCADIS with attached site plan showing proposed addt'l well location as requested (in eDocs). Email stated: "Per your rqst, see attached fig which shows location of one addt'l mon well proposed to be installed near former property boundary north of our existing MW-4. With your approval, we will schedule install'n & sampling of this well in accordance with procedures outlined in 3/8/10 Work Plan, approved by NYSDEC. Please contact me if you have any questions. Due to proximity of subway tunnel under street and portion of sidewalk, well may need to be moved 5 or 10 ft to east pending comments from NY MTA. Thank you." On 9/7/10, I sent email reply, with cc's to Ray Wagner of ARCADIS & Jon Armstrong of BP: "I would prefer if you could install new well about 5 ft to south of proposed location shown on attached drawing. However, I understand that final location of well may be largely determined by presence of subsurface utilities. Please consider this email as authorization to proceed with install'n of addt'l mon well. Well should be installed in accordance with procedures outlined in 03/08/10 Work Plan approved by NYSDEC. Feel free to contact me if you have any questions." Andrew wrote back: "Will try to install per your preference, assuming field conditions allow." -
JK 11/22/10: Received email from Andrew Korik of ARCADIS: "Just wan ted to update you on work at BP site 17782 at 350 Grand Concourse. We installed and sampled addt'l well along sidewalk as requested. I am just wrapping up combined 3rd quarter rpt/well install'n rpt and expect to have something to you next week. We are also reviewing remedial alternatives and will be developing a RAP shortly." - J. Kolleeny 03/01/11: Reviewed Results of 3rd Quarter 2010 GW Monitori ng and Intall'n of Addt'l GW Mon Well rpt by ARCADIS dated 12/3/10 (in eDocs). Results of Sept. 2010 GW sampling show MW-1 had 4,050

BP AMOCO STATION #17782 (Continued) **S106002004**

ug/L total BTEX (down from 7,890 ug/L in June 2010), MW-4 had 6,390 ug/L tBTEX (down from 13,600 ug/L in July 2010). New well MW-6A was intalled as requested by DEC; soil samples showed VOC detections but no TAGM 4046 exceedances in sample at GW interface (12.5-13 ft bgs), but significant exceedances in soil sample from below water table (18-18.5 ft bgs), including 15 mg/kg ethylbenzene, 73 mg/kg m,p-xylene, 19 ug/L o-xylene, 42 mg/kg 1,2,4-trimethylbenzene, and 14 mg/kg 1,3,5-trimethylbenzene. GW sample from new well MW-6A, taken in Oct. 2010, was very contaminated, with 12,500 ug/L tBTEX and over 15,000 ug/L total VOCs. Rpt recommendations state quarterly GW monitoring will continue, with MW-6A added to mon program, and that RAP will be prepared and submitted to DEC in Jan. 2011. - J. Kolleeny 04/08/11: Reviewed 4th Quarter 2010 GW Monitoring and Anal ysis Rpt by ARCADIS, dated 3/7/11 (in eDocs). Results of Nov. and Dec. 2010 GW sampling show MW-1 had 6,150 ug/L total BTEX in Nov. 2010 (up from 4,050 ug/L in Sept. 2010) and increased to 10,700 ug/L tBTEX in Dec. 2010; MW-4 had 9,520 ug/L tBTEX in Nov. 2010 (up from 6390 ug/L in Sept. 2010) and increased to 10,600 ug/L tBTEX in Dec. 2010; MW-6A, not sampled in Nov. 2010, had 12,800 ug/L tBTEX in Dec. 2010 (up a little from 12,500 ug/L in Oct. 2010). Rpt recommendations state quarterly sampling & monthly gauging will continue, and RAP will be submitted in March 2011. -
JK 04/11/11: Reviewed Remedial Action Work Plan for Anaerobic Biolo gical Oxidation by ARCADIS, dated 2/28/11 (in eDocs). RAWP proposes injection of sulfate via 5 new injection wells, to enhance bioremediation and address persistent GW contam along west side of site. After 1st injection, one or two rounds of performance monitoring will be performed to determine frequency of addt'l injections. I sent approval letter (in eDocs) to Jon Armstrong of BP, cc's to Andrew Korik & Gene Choquette of ARCADIS. - J. Kolleeny
4/11/2011 - Spill transferred back to JFeng. 5/4/2011 - em ail from Andy Korik "June - we are scheduled to install the injection wells per the approved RAWP starting Monday May 9 at the 350 Grand Concourse site. Please call me if you have any questions. Can we change the monthly gauging to quarterly at these sites where we have not seen product in over 1
year?" 5/5/2011 - email to Andy Korik "Andy, Yes, you can swi tch from monthly gauging to quarterly gauging for this site. In yesterday's email you said the field work will start on Monday 5/9/2011, how many days are you expected to be in the field? June" email from Andy Korik "The first day will be coring and hand clearing of the borings. I expect the well installations will start on Tuesday and be finished on Thursday - so 4 days on site (3 if things go very quickly)."
JF 5/17/2011 - received email attached with 1Q2011 quarterly report . eDoc.
JF 5/25/2011 - email from Andy Korik of ARCADIS "June - here is not ification that the injection wells were installed at 350 Grand Concourse. Injection well IW-03 could not be installed due to shallow refusal with 4 attempts. We can compensate by increasing injection volumes at the other 4 wells. Still waiting for USEPA approval to inject."
Sulfate Injection Well Installation Notification was attached. eD oc.
JF 7/11/2011 - 1Q2011, 5/17/2011, by ARCADIS. The groundwater samp les were collected on 3/31/2011. 6 wells were sampled. MW-6A located in the north of MW-4 and west of the canopy was installed in

BP AMOCO STATION #17782 (Continued) **S106002004**

10/2010. NO LNAPL. The site is changed to quarterly gauging. Max BTEX 11,000 ug/L (MW-6A). Max MTBE 12 ug/L (MW-5).
Sulfate Injection Well Installation Notification, 5/25/211, by ARC ADIS. The installation of four sulfate injection wells took place during the week of May 9 through May 13, 2011. The approved RAWP specified that 5 injection wells to be installed; however, due to refusal at 1.5 to 5 feet depth during 4 attempts to install well IW-03, an injection well was not installed at the proposed IW-03 location. Injection volumes at IW-2 and IW-04 can be adjusted to compensated for the absense of IW-03. They submitted an Inventory of Injection Wells package to USEPA on 5/5/2011. Will notify DEC one week prior to the injection. No soil and groudwater samples taken. JF

Remarks: impacted soil discovered tank removal - will be excvated during rebuild

Material:

Site ID:	168726
Operable Unit ID:	848924
Operable Unit:	01
Material ID:	525990
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	168726
Operable Unit ID:	848924
Operable Unit:	01
Material ID:	2099346
Material Code:	2645A
Material Name:	BTEX
Case No.:	Not reported
Material FA:	Oxygenates
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True
Site ID:	168726
Operable Unit ID:	848924
Operable Unit:	01
Material ID:	2099345
Material Code:	1213A
Material Name:	MTBE (METHYL-TERT-BUTYL ETHER)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	True

BP AMOCO STATION #17782 (Continued) **S106002004**

Tank Test:

Site ID:	Not reported
Spill Tank Test:	Not reported
Tank Number:	Not reported
Tank Size:	Not reported
Test Method:	Not reported
Leak Rate:	Not reported
Gross Fail:	Not reported
Modified By:	Not reported
Last Modified:	Not reported
Test Method:	Not reported

A11 **GRAND CONCOURSE PETROLEUM, LLC** **UST** **U003107160**
ENE **350 GRAND CONCOURSE** **HIST UST** **N/A**
< 1/8 **BRONX, NY 10451**
0.014 mi.
75 ft. **Site 11 of 20 in cluster A**

Relative:
Higher

Actual:
30 ft.

UST:

Facility Id:	2-600110
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2013/10/23
UTM X:	590348.91547000001
UTM Y:	4518703.1937899999

Affiliation Records:

Site Id:	22095
Affiliation Type:	Mail Contact
Company Name:	GILBARCO VEEDER-ROOT CMS
Contact Type:	Not reported
Contact Name:	COMPLIANCE MANAGEMENT SERVICES
Address1:	7300 W. FRIENDLY AVE., MS F-76
Address2:	PO BOX 22087
City:	GREENSBORO
State:	NC
Zip Code:	27420
Country Code:	001
Phone:	(800) 253-8054
Phone Ext:	Not reported
Email:	ATLANTIS@GILBARCO.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

Site Id:	22095
Affiliation Type:	On-Site Operator
Company Name:	GRAND CONCOURSE PETROLEUM, LLC
Contact Type:	Not reported
Contact Name:	STATION MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

Country Code:	001
Phone:	(718) 401-0830
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

Site Id:	22095
Affiliation Type:	Emergency Contact
Company Name:	ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type:	Not reported
Contact Name:	ENVIRONMENTAL HELPDESK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(800) 997-7725
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	10/12/2011

Site Id:	22095
Affiliation Type:	Owner
Company Name:	ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type:	OWNER'S AUTHORIZED AGENT
Contact Name:	JOSEPH WEISMAN
Address1:	555 S. COLUMBUS AVE., SUITE 201
Address2:	Not reported
City:	MOUNT VERNON
State:	NY
Zip Code:	10550
Country Code:	001
Phone:	(914) 699-9500
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	1/5/2009

Equipment Records:

D11 - Pipe Type - Flexible Piping
L08 - Piping Leak Detection - Tank Top Sump
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
I03 - Overfill - Automatic Shut-Off
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
J01 - Dispenser - Submersible
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Submersible
I03 - Overfill - Automatic Shut-Off
J01 - Dispenser - Submersible
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
I03 - Overfill - Automatic Shut-Off
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
J01 - Dispenser - Submersible
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
B02 - Tank External Protection - Original Sacrificial Anode
B04 - Tank External Protection - Fiberglass
H05 - Tank Leak Detection - In-Tank System (ATG)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
D11 - Pipe Type - Flexible Piping
L08 - Piping Leak Detection - Tank Top Sump
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
D11 - Pipe Type - Flexible Piping
L08 - Piping Leak Detection - Tank Top Sump
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Submersible
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B02 - Tank External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Submersible
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Submersible
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Submersible

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G04 - Tank Secondary Containment - Double-Walled (Underground)
G04 - Tank Secondary Containment - Double-Walled (Underground)
G04 - Tank Secondary Containment - Double-Walled (Underground)
B02 - Tank External Protection - Original Sacrificial Anode
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well
H04 - Tank Leak Detection - Groundwater Well
H04 - Tank Leak Detection - Groundwater Well
H04 - Tank Leak Detection - Groundwater Well
E04 - Piping Secondary Containment - Double-Walled (Underground)
H04 - Tank Leak Detection - Groundwater Well
E04 - Piping Secondary Containment - Double-Walled (Underground)

Tank Info:

Site ID:	22095
Tank Number:	001
Tank ID:	41289
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1990
Capacity Gallons:	4000
Tightness Test Method:	NN
Next Test Date:	Not reported
Date Tank Closed:	12/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	22095
Tank Number:	002
Tank ID:	41290
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1990
Capacity Gallons:	4000
Tightness Test Method:	19
Next Test Date:	Not reported
Date Tank Closed:	12/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	2/7/2001
Register:	True

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	22095
Tank Number:	003
Tank ID:	41291
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1990
Capacity Gallons:	4000
Tightness Test Method:	19
Next Test Date:	Not reported
Date Tank Closed:	12/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	2/7/2001
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	22095
Tank Number:	004
Tank ID:	41292
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1990
Capacity Gallons:	4000
Tightness Test Method:	19
Next Test Date:	Not reported
Date Tank Closed:	12/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	2/7/2001
Register:	True
Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	22095
Tank Number:	005
Tank ID:	41293
Tank Status:	Closed - Removed
Tank Model:	Not reported
Pipe Model:	Not reported
Install Date:	12/1/1990
Capacity Gallons:	4000
Tightness Test Method:	19
Next Test Date:	Not reported
Date Tank Closed:	12/1/2001
Tank Location:	5
Tank Type:	Steel/carbon steel
Date Test:	2/7/2001
Register:	True

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

Modified By:	TRANSLAT
Last Modified:	3/4/2004
Site ID:	22095
Tank Number:	1
Tank ID:	62366
Tank Status:	In Service
Tank Model:	104
Pipe Model:	Not reported
Install Date:	12/1/2001
Capacity Gallons:	12000
Tightness Test Method:	14
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	7/8/2005
Register:	True
Modified By:	dxliving
Last Modified:	1/5/2009
Site ID:	22095
Tank Number:	2
Tank ID:	62367
Tank Status:	In Service
Tank Model:	104
Pipe Model:	Not reported
Install Date:	12/1/2001
Capacity Gallons:	12000
Tightness Test Method:	14
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	7/8/2005
Register:	True
Modified By:	dxliving
Last Modified:	1/5/2009
Site ID:	22095
Tank Number:	3
Tank ID:	62368
Tank Status:	In Service
Tank Model:	104
Pipe Model:	Not reported
Install Date:	12/1/2001
Capacity Gallons:	12000
Tightness Test Method:	14
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Tank Location:	5
Tank Type:	Equivalent technology
Date Test:	7/8/2005
Register:	True

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

Modified By: dxliving
Last Modified: 1/5/2009

HIST UST:

PBS Number:	2-600110
SPDES Number:	Not reported
Emergency Contact:	KELLY ACKERMAN
Emergency Telephone:	(800) 892-6626
Operator:	KELLY ACKERMAN
Operator Telephone:	(800) 892-6626
Owner Name:	BP PRODUCTS NORTH AMERICA, INC.
Owner Address:	300 INTERPACE PKWY.
Owner City,St,Zip:	PARSIPPANY, NJ 07054
Owner Telephone:	(973) 331-7000
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	BP PRODUCTS NORTH AMERICA, INC.
Mailing Address:	300 INTERPACE PKWY.
Mailing Address 2:	Not reported
Mailing City,St,Zip:	PARSIPPANY, NJ 07054
Mailing Contact:	KELLY ACKERMAN
Mailing Telephone:	(973) 331-7000
Owner Mark:	Second Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	350 GRAND CONCOURSE
SWIS ID:	6001
Old PBS Number:	Not reported
Facility Type:	RETAIL GASOLINE SALES
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	11/05/2001
Expiration Date:	10/30/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	36000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	60
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19901201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Sacrificial Anode
Pipe Location:	None
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Groundwater Well
Overfill Prot:	Product Level Gauge
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/01/2001
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19901201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Sacrificial Anode
Pipe Location:	None
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Groundwater Well
Overfill Prot:	Product Level Gauge
Dispenser:	Submersible
Date Tested:	02/07/2001
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/01/2001
Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19901201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Sacrificial Anode

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

Pipe Location:	None
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Groundwater Well
Overfill Prot:	Product Level Gauge
Dispenser:	Submersible
Date Tested:	02/07/2001
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/01/2001
Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19901201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Sacrificial Anode
Pipe Location:	None
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Groundwater Well
Overfill Prot:	Product Level Gauge
Dispenser:	Submersible
Date Tested:	02/07/2001
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/01/2001
Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	19901201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Sacrificial Anode
Pipe Location:	None
Pipe Type:	STEEL/IRON
Pipe Internal:	None

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

Pipe External:	None
Second Containment:	Vault (w/access)
Leak Detection:	Groundwater Well
Overfill Prot:	Product Level Gauge
Dispenser:	Submersible
Date Tested:	02/07/2001
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/01/2001
Test Method:	Proeco Sewer Test or U2 Ullage
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	1
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	20011201
Capacity (gals):	12000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	High Level Alarm, Product Level Gauge
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	2
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	20011201
Capacity (gals):	12000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	14

GRAND CONCOURSE PETROLEUM, LLC (Continued) **U003107160**

Overfill Prot:	High Level Alarm, Product Level Gauge
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	3
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	20011201
Capacity (gals):	12000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Fiberglass reinforced plastic [FRP]
Tank Internal:	Fiberglass Liner (FRP)
Tank External:	Fiberglass
Pipe Location:	Underground
Pipe Type:	STAINLESS STEEL ALLOY
Pipe Internal:	Fiberglass Liner (FRP)
Pipe External:	Fiberglass
Second Containment:	Vault (w/access)
Leak Detection:	14
Overfill Prot:	High Level Alarm, Product Level Gauge
Dispenser:	Submersible
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

A12 **LOT 31,TAXBLOCK 2341** **E DESIGNATION** **S109942439**
SSE **334 GRAND CONCOURSE** **N/A**
< 1/8 **BRONX, NY 10451**
0.017 mi.
88 ft. **Site 12 of 20 in cluster A**

Relative:
Equal

Actual:
29 ft.

E DESIGNATION:

Tax Lot(s):	31
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07

LOT 31,TAXBLOCK 2341 (Continued) **S109942439**

City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	334GC,
Lot Area:	000006167
Total Building Floor Area:	00000003950
Commercial Floor Area:	00000003950
Office Floor Area:	00000000000
Retail Floor Area:	00000003950
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0061.50
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0065.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000031680
Total Assessed Value:	00000257850
Land Exempt Value:	00000000000
Total Exempt Value:	00000164520
Year Built:	1931
Year Built Code:	E
Year Altered1:	1994
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.64
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410031
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004040

LOT 31,TAXBLOCK 2341 (Continued) **S109942439**

Y Coordinate:	0236117
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	31
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	334GC,
Lot Area:	000006167
Total Building Floor Area:	00000003950
Commercial Floor Area:	00000003950
Office Floor Area:	00000000000
Retail Floor Area:	00000003950
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001

LOT 31,TAXBLOCK 2341 (Continued) **S109942439**

Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0061.50
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0065.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000031680
Total Assessed Value:	00000257850
Land Exempt Value:	00000000000
Total Exempt Value:	00000164520
Year Built:	1931
Year Built Code:	E
Year Altered1:	1994
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.64
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410031
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004040
Y Coordinate:	0236117
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	31
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Exhaust stack location limitations
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17

LOT 31,TAXBLOCK 2341 (Continued) **S109942439**

Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	334GC,
Lot Area:	000006167
Total Building Floor Area:	00000003950
Commercial Floor Area:	00000003950
Office Floor Area:	00000000000
Retail Floor Area:	00000003950
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0061.50
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0065.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000031680
Total Assessed Value:	00000257850
Land Exempt Value:	00000000000
Total Exempt Value:	00000164520
Year Built:	1931
Year Built Code:	E
Year Altered1:	1994
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.64
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410031
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004040
Y Coordinate:	0236117

LOT 31,TAXBLOCK 2341 (Continued) **S109942439**

Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	31
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Borough Code:	BX
Community District:	201
Census Tract:	49
Census Block:	1004
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	K1
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	P
Owner Name:	334GC,
Lot Area:	000006167
Total Building Floor Area:	00000003950
Commercial Floor Area:	00000003950
Office Floor Area:	00000000000
Retail Floor Area:	00000003950
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001

LOT 31,TAXBLOCK 2341 (Continued) **S109942439**

Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00002
Lot Frontage:	0061.50
Lot Depth:	0100.00
Building Frontage:	0050.00
Building Depth:	0065.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000031680
Total Assessed Value:	00000257850
Land Exempt Value:	00000000000
Total Exempt Value:	00000164520
Year Built:	1931
Year Built Code:	E
Year Altered1:	1994
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.64
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023410031
Condominium Number:	00000
Census Tract 2:	0049
X Coordinate:	1004040
Y Coordinate:	0236117
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A13
NNE
< 1/8
0.018 mi.
93 ft.

LOT 49,TAXBLOCK 2345
349 GRAND CONCOURSE
BRONX, NY 10451

Site 13 of 20 in cluster A

E DESIGNATION **S109942629**
N/A

Relative:
Higher

Actual:
31 ft.

E DESIGNATION:

Tax Lot(s):	49
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Window Wall Attenuation & Alternate Ventilation

LOT 49,TAXBLOCK 2345 (Continued) **S109942629**

Borough Code:	BX
Community District:	201
Census Tract:	57
Census Block:	2008
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	O5
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ALL CITY CP TRNSPRTNI
Lot Area:	000002436
Total Building Floor Area:	00000002202
Commercial Floor Area:	00000002202
Office Floor Area:	00000002202
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0042.00
Lot Depth:	0058.00
Building Frontage:	0042.00
Building Depth:	0052.42
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000018000
Total Assessed Value:	00000090900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.90
Maximum Allowable Far:	02.00

LOT 49,TAXBLOCK 2345 (Continued) **S109942629**

Borough Code:	2
Borough Tax Block And Lot:	2023450049
Condominium Number:	00000
Census Tract 2:	0057
X Coordinate:	1003897
Y Coordinate:	0236323
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	49
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Exhaust stack location limitations
Borough Code:	BX
Community District:	201
Census Tract:	57
Census Block:	2008
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	O5
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ALL CITY CP TRNSPRTNI
Lot Area:	000002436
Total Building Floor Area:	00000002202
Commercial Floor Area:	00000002202
Office Floor Area:	00000002202
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000

LOT 49,TAXBLOCK 2345 (Continued) **S109942629**

Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0042.00
Lot Depth:	0058.00
Building Frontage:	0042.00
Building Depth:	0052.42
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000018000
Total Assessed Value:	00000090900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.90
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023450049
Condominium Number:	00000
Census Tract 2:	0057
X Coordinate:	1003897
Y Coordinate:	0236323
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	49
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Borough Code:	BX

LOT 49,TAXBLOCK 2345 (Continued) **S109942629**

Community District:	201
Census Tract:	57
Census Block:	2008
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	O5
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ALL CITY CP TRNSPRTNI
Lot Area:	000002436
Total Building Floor Area:	00000002202
Commercial Floor Area:	00000002202
Office Floor Area:	00000002202
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0042.00
Lot Depth:	0058.00
Building Frontage:	0042.00
Building Depth:	0052.42
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000018000
Total Assessed Value:	00000090900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.90
Maximum Allowable Far:	02.00
Borough Code:	2

LOT 49,TAXBLOCK 2345 (Continued) **S109942629**

Borough Tax Block And Lot:	2023450049
Condominium Number:	00000
Census Tract 2:	0057
X Coordinate:	1003897
Y Coordinate:	0236323
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	49
E-No:	E-227
Effective Date:	6/30/2009
Satisfaction Date:	Not reported
Ceqr Number:	08DCP071X
Ulurp Number:	090303ZMX
Zoning Map No:	6a
Description:	Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Borough Code:	BX
Community District:	201
Census Tract:	57
Census Block:	2008
School District:	07
City Council District:	17
Fire Company:	L017
Health Area:	23
Police Precinct:	040
Zone District 1:	M1-2
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	M1-2
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	O5
Land Use Category:	05
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	ALL CITY CP TRNSPRTNI
Lot Area:	000002436
Total Building Floor Area:	00000002202
Commercial Floor Area:	00000002202
Office Floor Area:	00000002202
Retail Floor Area:	00000000000
Garage Floor Area:	00000000000

LOT 49,TAXBLOCK 2345 (Continued) **S109942629**

Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00001
Number of Floors:	001.00
Residential Units:	00000
Non and Residential Units:	00001
Lot Frontage:	0042.00
Lot Depth:	0058.00
Building Frontage:	0042.00
Building Depth:	0052.42
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000018000
Total Assessed Value:	00000090900
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	1931
Year Built Code:	E
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.90
Maximum Allowable Far:	02.00
Borough Code:	2
Borough Tax Block And Lot:	2023450049
Condominium Number:	00000
Census Tract 2:	0057
X Coordinate:	1003897
Y Coordinate:	0236323
Zoning Map:	06A
Sanborn Map:	209N054
Tax Map:	20903
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A14
SSW
< 1/8
0.021 mi.
109 ft.

315 GRAND CONCOURSE — **HIST UST** — **U003065841**
315 GRAND CONCOURSE — **N/A**
BRONX, NY 10451

Site 14 of 20 in cluster A

Relative:
Equal

Actual:
29 ft.

HIST UST:

PBS Number:	2-402877
SPDES Number:	Not reported
Emergency Contact:	JOHN LAGE
Emergency Telephone:	(914) 793-5200
Operator:	JOHN LAGE
Operator Telephone:	(914) 793-5200
Owner Name:	MR. JOHN LAGE
Owner Address:	36-21 21ST STREET
Owner City,St,Zip:	LONG ISLAND CITY, NY 11106
Owner Telephone:	(718) 786-6228
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	MR. JOHN LAGE
Mailing Address:	36-21 21ST STREET
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LONG ISLAND CITY, NY 11106
Mailing Contact:	MR. JOHN LAGE
Mailing Telephone:	(718) 786-6228
Owner Mark:	Third Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	315 GRAND CONCOURSE
SWIS ID:	6001
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	Not reported
Expiration Date:	12/31/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	60
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	20011201
Capacity (gals):	4000
Product Stored:	UNLEADED GASOLINE

315 GRAND CONCOURSE (Continued) **U003065841**

Tank Type: Steel/carbon steel
Tank Internal: Other
Tank External: Sacrificial Anode
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Sacrificial Anode
Second Containment: None
Leak Detection: In-tank System
Overfill Prot: High Level Alarm, Catch Basin
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 12/17/2001
Test Method: 21
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 20011201
Capacity (gals): 4000
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Other
Tank External: Sacrificial Anode
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Sacrificial Anode
Second Containment: None
Leak Detection: In-tank System
Overfill Prot: High Level Alarm, Catch Basin
Dispenser: Submersible
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 12/17/2001
Test Method: 21
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: 20011201
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Other
Tank External: Sacrificial Anode

315 GRAND CONCOURSE (Continued) **U003065841**

Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Product Level Gauge, Catch Basin
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/17/2001
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	004
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	20011201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Other
Tank External:	Sacrificial Anode
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Product Level Gauge, Catch Basin
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/17/2001
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	005
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	20011201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Other
Tank External:	Sacrificial Anode
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None

315 GRAND CONCOURSE (Continued) **U003065841**

Pipe External:	Sacrificial Anode
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Product Level Gauge, Catch Basin
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/17/2001
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	006
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	20011201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Other
Tank External:	Sacrificial Anode
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Product Level Gauge, Catch Basin
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/17/2001
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	007
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	20011201
Capacity (gals):	550
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Other
Tank External:	Sacrificial Anode
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	None
Leak Detection:	In-tank System

315 GRAND CONCOURSE (Continued) **U003065841**

Overfill Prot:	Product Level Gauge, Catch Basin
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/17/2001
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	008
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	20011201
Capacity (gals):	550
Product Stored:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	Other
Tank External:	Sacrificial Anode
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Sacrificial Anode
Second Containment:	None
Leak Detection:	In-tank System
Overfill Prot:	Other
Dispenser:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	12/17/2001
Test Method:	21
Deleted:	False
Updated:	True
Lat/long:	Not reported

A15 **BOULEVARD CAR WASH OF N.Y. INC.** **UST** **U004078584**
SSW **315 GRAND CONCOURSE** **N/A**
< 1/8 **BRONX, NY 10451**
0.021 mi.
109 ft. **Site 15 of 20 in cluster A**

Relative:
Equal

Actual:
29 ft.

UST:

Facility Id:	2-402877
Region:	STATE
DEC Region:	2
Site Status:	Active
Program Type:	PBS
Expiration Date:	2015/02/08
UTM X:	590360.02781999996
UTM Y:	4518727.0963300001

Affiliation Records:

Site Id:	19315
Affiliation Type:	Mail Contact
Company Name:	BOULEVARD CAR WASH OF N.Y. INC.

BOULEVARD CAR WASH OF N.Y. INC. (Continued) **U004078584**

Contact Type:	Not reported
Contact Name:	SERGIO SANTOS
Address1:	4391 BOSTON POST RD.
Address2:	Not reported
City:	PELHAM MANOR
State:	NY
Zip Code:	10803
Country Code:	001
Phone:	(914) 637-3895
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/8/2005

Site Id:	19315
Affiliation Type:	On-Site Operator
Company Name:	BOULEVARD CAR WASH OF N.Y. INC.
Contact Type:	Not reported
Contact Name:	ARI KAHALANI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 585-9162
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/8/2005

Site Id:	19315
Affiliation Type:	Emergency Contact
Company Name:	JOHN LAGE
Contact Type:	Not reported
Contact Name:	SERGIO SANTOS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 637-3895
Phone Ext:	Not reported
Email:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2/9/2005

Site Id:	19315
Affiliation Type:	Owner
Company Name:	JOHN LAGE
Contact Type:	PRESIDENT
Contact Name:	JOHN LAGE
Address1:	4391 BOSTON POST RD.

APPENDIX F
CREDENTIALS

Mostafa El Sehamy, P.G., C.G.W.P., C.E.M.
President, Senior Hydrogeologist

Mr. El Sehamy has over fifteen (15) years of experience in hydrogeology and environmental engineering, involving such activities as groundwater investigation, water quality modeling, ground and surface water quality analysis, environmental impact assessment, remediation design of replacement of domestic well systems in contaminated areas; aquifer sensitivity studies for hydrocarbons and solvents and soil and groundwater investigations of leaking underground storage tanks and pilot venting studies. Mr. El Sehamy has designed over 50 remediation systems for the New York State Department of Environmental Conservation (Oil Spill Prevention) and private sectors. The remediation system involved several techniques, such as pump and treat, soil venting, air sparging, bio-remediation and bio venting. Mr. El Sehamy has also conducted several remedial investigation/feasibility studies in New York State.

Representative Occupational Experience

- *Groundwater and Hydrologic Modeling*
  Groundwater flow and contaminant transport, modeling utilizing MODFLOW, PLASM, MODPATH and WHPA. Hydrologic modeling utilizing HELP. Assessing model inputs and outputs, boundary and initial conditions, model calibrations, verification and sensitivity analysis and performing analytical checks. Hydrologic studies and water analysis.

- *Environmental Site Assessments*
  Conducted Phase I and II Environmental Site Assessments, analysis of site investigation reports, identifying contamination locations and sources. Gas Chromatograph analysis and water sampling, analyzing laboratory results for QA/QC, magnetometer surveys for locating buried drums and underground storage tanks (USTs), estimating UST and other subsurface leaks, septic tank cleanup inspection, liability assessments and estimating costs to attain compliance.

- *Expert Witness*
  Offered expert witness testimony for the New York State Department of Environmental Conservation (NYSDEC) and several private sector cases.

- *Environmental Impact Statements*
  Conducted and supervised several environmental impact statements for shopping centers in the states of New York and North Carolina.

- *Solute Transport Modeling*
  Conducted groundwater flow and solute transport modeling at Superfund, municipal, industrial and water supply sites impacted by organic/inorganic hydrocarbons, PCBs and metals. Developed strategies to contain and clean-up aquifers, protect water supply wells and prohibit impacts to surface water bodies, including containment of free phase product recovery. Analytical and numerical models, such as PLASM, MODFLOW, Random Walk, Quickflow, Flowpath and Groundwater Path were used.

- *Risk Assessments*
  Delineated dissolved petroleum hydrocarbon plume and implemented a risk assessment regarding a subsurface storage tank release into the Long Island Aquifer.

- *Engineering Compliance*
  Auditing manufacturing plants, assessing plant-wide environmental conditions, identifying present and potential RCRA wastes and other environmental problems and offering solutions, SARA Title III calculations, environmental inventorying, compliance status and potential impact analysis of waste disposal practices, air compliance analysis, insurance claims analysis and preparing work plans and engineering reports.

- *Remedial Investigation and Feasibility Studies*
  Oversight/planning of site investigations; data analysis, including statistical analysis and geostatistical contouring utilizing SURFER and GEOSOFT/KRIGING; performance of feasibility studies, including technology evaluations and screening, alternatives development and evaluation and cost estimations.

- *Due- Diligence Programs*
  Designed and implemented due-diligence programs (ranging from Phase I Assessment to Comprehensive Hydrogeologic Investigations) to assess environmental liabilities for numerous land development clientele.

- *Delineation of Chlorinated Organic Plumes*
  Supervised the delineation of a dissolved chlorinated organic plume from underground tank loss. Developed a remedial action program in accordance with New York State regulatory guidelines to abate soil and groundwater contamination.

- *Research Projects*
  Conducted groundwater studies with Nassau County Department of Public Works to investigate the impact of heating oil and solvents on public supply wells in the Levittown and Glen Cove areas of New York State.

- *Remedial Action*
  Prepared remedial action plans. Designed and implemented hydrocarbon remediation systems for soil and groundwater.

- *Pump Test Aquifer Analysis*
  Conducted several pump test aquifer analysis and field coordination in relation to water supply feasibility studies for the New York City Transit Authority.

- *OSHA Instructor*
  Instructed several courses, such as, OSHA 40 Hours Right to Know, CPR, 8 Hour OSHA Refresher, Fall Protection, Confined Space Entry and Lockout/tag-out. Developed safety programs for confine space and accident investigations.

- *Hazardous Waste Remediation Sites*
  Project Manager – RI/FS, pre design investigation, remedial design, construction oversight of the remedial action, and operations and

maintenance of the soil vapor and groundwater treatment systems. Each RI/FS was performed under the direction of NYSDEC.

Employment

2001 - Present	President, Senior Hydrogeologist Hydro Tech Environmental Corp., Commack, New York
1993 – 2001	Director of Professional Services and Safety Fenley & Nicol Environmental, Inc., Deer Park, New York
1992 – 1993	Senior Hydrogeologist Fenley & Nicol Environmental, Inc. Deer Park, New York
1989 – 1992	Hydrogeologist Nassau County Dept. of Health, Mineola, New York
1986 - 1989	Hydrogeologist Fanning, Phillips and Molnar, Ronkonkoma, New York

Education

M.S. Hydrogeology, Adelphi University at Garden City, New York, 1989
Graduate Geology studies, Brooklyn College, City University of New York, 1981
B.S. Engineering Geology, Cairo University, Egypt, 1978

Affiliations and Certifications

- Association of Groundwater Scientists and Engineers
- American Institute of Professional Geologists
- American Association of Petroleum Geologists
- Long Island Geologist Organization
- Environmental Assessment Association
- New York State Asbestos Investigator
- American Society of Safety Engineers
- American Heart Association: CPR Instructor

Registrations and Certifications

- Professional Geologist – Commonwealth of Pennsylvania (P.G.- #001135 – G)
- Licensed Geologist – State of North Carolina (L.G. – #1714)
- Certified Groundwater Professional (C.G.W.P. #364)
- Certified Professional Geologist (C.P.G. # 9206)
- Certified Environmental Manager (C.E.M. # 73492)
- Certified City of New York Asbestos – Investigator (# 03541)

Courses and Seminars

- "Practical Modeling of Pump and Treat Systems using Modflow, Path 3D and Flow Path" Papadupulos & Associates, Inc.
- "Dense Non-aqueous Phase Liquids (DNAPLs): Site Characterization and Remediations" Central New York Association of Professional Geologists.
- "Understanding Migration, Assessment and Remediation of LNAPLs and DNAPLs" National Groundwater Association.
- "Petroleum-Contaminated Soil and Groundwater" University of Massachusetts.
- "Ground water Remediation and Modeling", Newburgh, New York.

Publications/Presentations

- *A Case Study of the Impact of MTBE on the Investigation and Remediation of a Fuel Oil Release,* National Groundwater Focus Conference MTBE in Groundwater: Assessment, Remediation Technologies & Public Policy, Baltimore, MD June 4-5, 2001.
- *Is MTBE in Fuel Oil? Why MTBE Plays a Major Concern on Long Island,* Long Island Business News, February 2001
- *Cleaning Up UST Leaks*, El Sehamy, Mostafa, Environmental Protection, June 1997.
- *Overview of the Petrex Passive Soil Gas Technique - Two Case Studies*, El Sehamy, Mostafa & Jacobs, Jr., Dave T., Long Island Geologists, April 1996
- *Temporal Constraints on Free Phase Floating Petroleum Product Rebound in the Upper Glacial Aquifer, Long Island New York,* El Sehamy, Mostafa & Winslow, David, Long Island Geologists, April 1996
- *Successful Remediation of Gasoline Spills on Long Island by Application of a Combination of Technologies- Two Case Studies*, El Sehamy, Mostafa & Korlipara, Ravi, Long Island Geologists, April 1995

Mark E. Robbins, C.P.G., C.E.I.
Vice President, Senior Geologist

Mr. Robbins has over nine (9) years experience in geology and hydrogeology, involving such activities as Phase I Environmental Site Assessments, Phase II Environmental Site Assessments, Subsurface Investigations, Remedial Actions, data acquisition, evaluation and contouring, and geotechnical investigations. Mr. Robbins has performed over 400 Phase I Assessments involving residential through heavy industrial properties and over 200 Subsurface Investigations throughout the United States. Mr. Robbins has also designed and implemented over 20 remediation systems for both public and private sectors.

Representative Occupational Experience

- *Environmental Site Assessments*
  Conducted Phase I and II Environmental Site Assessments, analysis of site investigation reports, identifying contamination locations and sources. Soil, soil-vapor and water sampling, analyzing laboratory results for QA/QC, magnetometer and Ground-Penetrating Radar surveys for locating buried drums and underground storage tanks (USTs), estimating UST and other subsurface leaks, monitoring well logging, Project Management, liability assessments and estimating costs to attain compliance.

- *Remedial Investigation and Feasibility Studies*
  Oversight/planning of site investigations; data analysis, including statistical analysis and geostatistical contouring utilizing SURFER; performance of feasibility studies, including technology evaluations, alternatives development and evaluation and cost estimations.

- *Due- Diligence Programs*
  Designed and implemented due-diligence programs (ranging from Phase I Assessment to Comprehensive Hydrogeologic Investigations) to assess environmental liabilities for numerous land development clientele.

- *Delineation of Chlorinated Organic Plumes*
  Supervised the delineation of a dissolved chlorinated organic plume from underground tank loss. Developed a remedial action program in accordance with New York State regulatory guidelines to abate soil and groundwater contamination.

- *Remedial Action*
  Prepared numerous Remedial Action Plans. Designed and implemented hydrocarbon and chlorinated solvent remediation systems for soil and groundwater.

- *Pump Test Aquifer Analysis*
  Conducted several pump tests and pump test analysis and field coordination in relation to dewatering permit requirements for Keyspan Energy and the private sector.

Employment

2001 - Present Vice President, Senior Geologist
Hydro Tech Environmental Corp., Commack, New York

2000 – 2001 Assistant Director, Professional Services
Fenley & Nicol Environmental, Inc., Deer Park, New York

1999 – 2000 Senior Geologist
Fenley & Nicol Environmental, Inc. Deer Park, New York

1995 – 1999 Operations Director
Advanced Cleanup Technologies, Inc., Farmingdale, New York

1992 – 1995 Project Geologist
Advanced Cleanup Technologies, Inc., Roslyn Heights, New York

Education

B.S. Geology, State University of New York at Oneonta, 1991

Affiliations and Certifications

- American Institute of Professional Geologists
- American Association of Petroleum Geologists
- Long Island Geologist Organization
- Geological Society of America
- American Standards in Testing Materials – E50 Committee Member
- Environmental Assessment Association
- OSHA 40-Hour & 8-Hour, Supervisor

Registrations and Certifications

- Certified Professional Geologist (C.P.G. # 10527)
- Certified Environmental Inspector (C.E.I. # 73383)
- GPR Operator's Course, Geophysical Survey Systems, Inc., 1993.

Publications/Presentations

- *A Case Study of the Impact of MTBE on the Investigation and Remediation of a Fuel Oil Release,* National Groundwater Focus Conference MTBE in Groundwater: Assessment, Remediation Technologies & Public Policy, Baltimore, MD June 4-5, 2001.
- *Is MTBE in Fuel Oil? Why MTBE Plays a Major Concern on Long Island,* Long Island Business News, February 2001.

Appendix D

Health and Safety Plan

Table of Contents

1.0 INTRODUCTION

This health and safety plan (HASP) describes the health and safety (HAS) guidelines developed for this site to protect on-site personnel, visitors, and the public from physical harm and exposure to hazardous materials or wastes. In accordance with the Occupational Safety and Health Administration (OSHA) at 29 CFR Part 1910.120 Hazardous Waste Operations and Emergency Response Final Rule, this HASP addresses the potential and actual safety and health hazards relating to of each phase of site operations.

This site-specific HASP is based on the best available information to date. The HASP may be revised when new information on site conditions is received or identified.

ESPL and contractor employees may be exposed to risks from hazardous conditions related to activities at this site. ESPL's policy is to minimize the possibility of work-related injury through aware and qualified supervision, health and safety training, medical monitoring, and the use of appropriate personal protective equipment.

This site-specific Health and Safety Plan (HASP) applies to ESPL and contractor personnel where operations involve actual or potential exposure to safety or health hazards. This HASP describes emergency response procedures for actual and potential physical and chemical hazards that have been identified by ESPL. This HASP is also intended to inform and guide all personnel entering an exclusion zone. ESPL's sub-contractors are retained as independent contractors and, are responsible for ensuring the health and safety of their own employees.

ESPL may require that its personnel take certain precautions in accordance with this HASP, and ESPL requests that others protect their personnel in a manner that they deem necessary or sufficient.

1.1 Brief Description of Project

Remedial action at the site is proposed to consist of advancement of three (5) borings identified in the Phase II Work Plan dated March 2014.

1.2 Site History

The subject area is situated in a Commerical/Residential Zoning District area of Bronx (C6-2A). (See Appendix A, Fig. 1). The subject site is situated on the corner of the intersection of 140th Street and Grand Concourse. According to the New York City Department of Finance, Office of the City Register Information System (ACRIS), the assessor's parcel number of the property is Block 2345, Lots 1, in the Borough of Bronx, New York.

The subject site consists of a one story building, approximately 25 by 60 feet that was used for the repair and maintenance of automobiles. The lot is approximately 60 by 83 feet.

1.3 Synopsis of Remedial Actions

A contractor shall be retained to perform advancement of three (3) boreholes to obtaining soil and groundwater samples by this technique.

1.4 Site Operations to be performed

Geoprobe boring installation for soil, groundwater and soil vapor sampling.

2.0 ORGANIZATIONAL STRUCTURE

Principal in Charge: Ray Kahn (917-939-736 6)

Project Supervisor / Overall Project Manager: Margaret Tavares (646-772-8820)

Site Safety and Health Officer: Margaret Tavares , (646-772-8820)

Additional Site Personnel: Mir Fazlul Karim

Title	Name
Project Manager	Ray Kahn, P. E.
Field Supervisor	Margaret Tavares
Health and Safety Officer	Margaret Tavares, Mir Fazlul Karim
Administration / Clerical	Grace Cuevas
Chemical Analysis	By a New York State Department of Health Environmental Laboratory Approval Program (NYSDOH ELAP) certified laboratory

2.1 Roles and Responsibilities

The ESPL Project Supervisor is responsible for overall project administration and for supervising implementation of the HASP by ESPL personnel on site. All applicable OSHA health and safety (HAS) standards shall be applied. Each subcontractor (defined as an OSHA employer) is also responsible for the health and safety of its employees. If there is any dispute with regard to HAS or project activities, on-site personnel shall attempt to resolve the issue. If the issue cannot be resolved, in the work zone, then the project superintendent shall be consulted.

The ESPL Site Safety Officer is also responsible for coordinating HAS standards on-site. The Site Safety Officer will have met the emergency response and hazardous materials handling training requirements of OSHA 29 CFR Part 1910.120, completed supervisors training, and have appropriate

experience pertinent to the on-site work. The Site Safety Officer is authorized to suspend site work based on safety concerns, and is responsible for:

1. Indoctrinating personnel with regard to all of the information in this HASP and any other safety requirements to be observed during site operations, including, but not limited to, decontamination procedures, designation of work zones and levels of protection, air monitoring, fit testing, and emergency procedures dealing with fire and medical situations;

2. Coordinating site safety decisions with the Project Supervisor and the Principal in Charge;

3. Maintaining the designation of exclusion, decontamination, and support zones on a daily basis;

4. Monitoring the condition and status of known on-site hazards, and maintenance and implementation of the air quality-monitoring program specified in this HASP;

5. Maintaining the Site Personnel log;

6. Maintaining records of safety problems encountered, corrective actions taken, and documentation of any chemical exposures or physical injuries. The Site Safety Officer will document these conditions in a bound notebook and maintain a copy of this log on-site; and

7. Periodic inspections of the site to determine the effectiveness of the HASP.

Any person who observes safety concerns or potential hazards that have not been addressed in the daily safety meetings should immediately report observations/concerns to the ESPL Site Safety Officer or other appropriate key personnel.

3.0 HAZARD ASSESSMENT

This section identifies the activity-specific hazards associated with site operations and standard operating procedures (SOPs) that should be implemented to reduce the hazards; identifies general physical hazards that can be expected at most sites; and presents a summary of documented or potential chemical hazards at the site. Every effort must be made to reduce or eliminate these hazards. Those that cannot be eliminated must be guarded against by using engineering controls and/or personal protective equipment.

3.1 Activity-Specific Hazards and Standard Operating Procedures

In-situ Remediation:
Geoprobe borings.

Identification of the Hazards associated with each task:

Geoprobe Borings
Drilling operations may expose workers to rotating equipment, heavy moving objects and overhead hazards. Booms and derricks shall not be raised unless the area is clear of overhead hazards such a tree limbs and electrical power lines. Underground utilities may pose a hazard if encountered during drilling.

Mechanical System Construction:
Mechanical system construction will include piping and electrical construction that involves the use of standard tools and electrical equipment such as hammers, saws, power cutting tools, drills and other equipment. These types of tools shall be used in accordance with manufactures recommendations for specific hazards posed by each.

System Operation:
The operation of a system in a petroleum-contaminated site may require field visits and well monitoring operations such as depth to water measurements, depth to product measurements, air, soil and groundwater sample collection. The hazard associated with this task is the possible worker exposure to gasoline in liquid and vapor forms.

Required Hazard Controls or SOP:

1. Use tools in accordance with manufactures specifications.
2. Use ground fault circuit interrupters for all electrical work.
3. Avoid wearing loose clothing around rotating machinery associated with well drilling equipment.
4. Use OSHA compliant personal protective equipment.
5. Hand digging and site mark outs shall be performed prior to commencement of drilling operations to avoid underground utilities. Overhead inspections shall be performed prior to raising drill rig derricks and booms.

3.2 General Site Hazards

Applicable OSHA 29 CFR 1910.120(m) standards for illumination shall apply. Generally, all work at this site will be conducted during daylight hours.
All electrical power must be connected to a ground fault circuit interrupter. All equipment that will enter excavations must be suitable and approved (i.e. intrinsically safe) for use in potentially explosive environments. Applicable OSHA 29 CFR 1926 Subpart K standards for use of electricity shall apply.

Work in which a worker could fall will be performed using appropriate ladders and/or protection (e.g. body harness and lifeline). All work at this site is expected to be conducted at the ground surface.

When the temperature is above 70°F and personnel are wearing protective clothing, a heat stress-monitoring program shall be implemented. Employees shall be allowed break periods and beverages as necessary. All personnel routinely working on site (including the support zone) shall be familiar with the symptoms, signs, and emergency care associated with heat stress, heat exhaustion, and heat stroke as discussed in Section 6 of this HASP.

Cold stress is a result of cold, wetness, and wind. A worker's susceptibility to cold stress can vary according to his/her physical fitness, degree of acclimatization to cold weather, age, and diet. A cold stress-monitoring program shall be implemented as appropriate. Employees shall have access to break periods, shelter, and beverages as necessary. All personnel routinely working on-site (including the support zone) shall be familiar with the symptoms, signs, and emergency care associated with cold stress, hypothermia, and frostbite as discussed in Section 6 of this HASP.

In accordance with 29 CFR 1910.151(c), all site related operations involving possible eye injury, (chemical splash, etc.), must have approved eye wash units readily available (in the Site Safety Officer's vehicle and in the job trailer). Protective eyewear shall be donned in Level D, when directed by the site safety officer. (The full-face APR required by Level C and the pressure demand self-contained breathing apparatus mask required by Level B serve as eye protection.)

Operations creating the potential for fire hazards shall be conducted in a manner that minimizes risk. Non-sparking tools and fire extinguishers shall be used or available as directed by the site safety officer when potentially explosive atmospheres may be encountered. Ignition sources shall be removed from work areas. When necessary, explosion-proof instruments and/or bonding and grounding will be used to prevent fire or explosion.

Overhead and underground utilities shall be identified and/or inspected and appropriate safety precautions taken before conducting operations involving potential contact or interference.

3.3 Biological Hazards

Biological hazards can cause infection or disease in people, plants, animals, or microorganisms. These hazards are divided in to five categories: viral, rickettsial/chlamydia, bacterial, fungal, and parasitic.

Biological agents may be dispersed by wind or water. Many biological agents require a carrier (e.g. bees, ticks, snakes) to infect a host; therefore, controlling the agent may require controlling or avoiding the carrier. Contact with some biological agents may be avoided by using personal protective equipment similar to that used for chemical hazards.

4.0 TRAINING REQUIREMENTS

All personnel entering an exclusion zone or decontamination zone must have met training requirements for hazardous waste site operations and emergency response operations in accordance with OSHA 29 CFR 1910.120(e).

Documentation of personnel training is maintained on file, and each employee will have copies of his/her applicable 40-Hour OSHA Training, 8-Hour Refresher Training, and Supervisor Training certificates on-site (located in job trailer files). A summary of personnel training status and HAS training records is shown in Table 1-1. Each subcontractor working on the job must provide the site safety officer with training documentation for its personnel.

TABLE 1-1

HEALTH AND SAFETY TRAINING RECORDS

Personnel	Date of 40 Hours	Last 8-Hour Refresher	Supervising Training	Last Physical	Fit Testing Last

Notes:

(1) Physicals will be completed before site work begins.

(2) An 8-hour refresher course including respirator fit testing will be conducted before site work begins.

(3) Union employees working in the exclusion zone will have 40-hours training. Additional workers, who meet all requirements specified in this plan, will be supplied by the local unions as needed.

5.0 PERSONAL PROTECTIVE EQUIPMENT

Personal protective equipment (PPE) shall be selected in accordance with the site air monitoring program and hazard assessment, OSHA 29 CFR 1910.120(.c) and (g), and 1910.132. Protective equipment shall be NIOSH-approved and respiratory protection shall conform to OSHA 29 CFR Part 1910.133 and 1910.134 specifications; head protection shall conform to 1910.135; eye and face protection shall conform to 1910.133; and foot protection shall conform to 1910.136.

The level of personnel protection for site activities described in the hazard assessment is as follows:

Location	Job Function	Level of Protection			
Exclusion Zone	D	A	B	C	D
		A	B	C	D
		A	B	C	D
		A	B	C	D
Decontamination Zone	D	A	B	C	D
		A	B	C	D
		A	B	C	D
		A	B	C	D

Specific protective equipment for each level of protection is as follows:

Level A _____ **Level B** _____

Level C _____ **Level D** Hardhat and safety boots

List type of air-purifying canister to be used if required. _____

Other PPE not listed above:

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE

WITHOUT THE APPROVAL OF THE SITE SAFETY OFFICER.

A description of typical PPE for each protection level is as follows:

5.1 Level A Protection

1. PPE:

Supplied-air respirator approved by the Mine Safety and health Administration (MSHA) and NIOSH. Respirators may be:

- Positive-pressure SCBA; or
- Positive-pressure airline respirator (with escape bottle for immediately Dangerous to Life and Health (IDLH) or potential for IDLH atmosphere).

b. Fully encapsulating chemical-resistant suit.

c. Coveralls.

d. Cotton long underwear*.

e. Gloves (inner), chemical-resistant.

f. Boots, chemical-resistant, steel toe and shank. (Depending on suit construction, worn over or under suit boot.

g. Hard hat (under suit)*.

h. Disposable gloves and boot covers (worn over fully encapsulating suit).

i. Cooling unit *.

j. Two-way radio communications (inherently safe)*.

*Optional

2. Criteria for Selection:

Meeting any of these criteria warrants use of Level A protection:

a. The chemical substance has been identified and requires the highest level of protection for skin, eyes, and the respiratory system based on:
   - Measures (or potential for) high concentration or atmospheric vapors, gases, or particulate, or
   - Site operations and work functions involve high potential for

splash, immersion, or exposure to unexpected vapors, gases, or particles of materials highly toxic to the skin.

b. Substances with a high degree of hazard to the skin are known or suspected to be present, and skin contact is possible.

c. Operations must be conducted in confined, poorly ventilated areas until the absences of substances requiring Level A protection is determined.

d. Direct readings on field Flame Ionization Detectors (FID) or phototoionization Detectors (PID) and similar instruments indicate high levels of unidentified vapors and gases in the air.

3. Guidance on Selection

a. Fully encapsulating suits are primarily designed to provide gas or vapor-tight barrier between the wearer and atmospheric conditions.

Therefore Level A is generally worn when high concentrations of airborne substances could severely affect the skin. Since Level A required the use of SCBA, the eyes and respiratory system are also more protected.

Until air surveillance data become available to assist in the selection of the appropriate level of protection, the use of Level A may have to be based on indirect evidence of the potential for atmospheric contamination or other means of skin contact with severe skin affecting substances.

Conditions that may require Level A protection include:

- Confined spaces: Enclosed, confined, or poorly ventilated areas are conducive to the build up of toxic vapors, gases, or particles. (Explosive or oxygen-deficient atmospheres are also more probable in confined spaces). Confined-space entry does not automatically warrant wearing Level A protection, but should serve as a cue to carefully consider and to justify a lower level of protection.
- Suspected / known highly toxic substances: Various substances that are highly toxic, especially skin absorption, for example, fuming corrosives, cyanide compounds, concentrated pesticides, Department of Transportation Poison “A” materials suspected carcinogens, and infectious may be known or suspected to be involved. Field instruments may not be available to detect or quantify air concentrations of these materials. Until these substances are identified and concentrations measured maximum protection may be necessary.
- Visible emissions: Visible air emissions from leaking containers or

railroad / vehicular tank cars, as well smoke from chemical fires and others indicate high potential for concentrations or substances that could be extreme respiratory or skin hazards.

- Job functions: Initial site entries are generally walk-through, in which instruments and visual observations are used to make a preliminary evaluation of the hazards.

In initial site entries, Level A should be worn when:

- There is a probability for exposure to high concentrations of vapors, gases, or particulates; and
- Substances are known or suspected of being extremely toxic directly to the skin or by being absorbed.

Subsequent entries are to conduct the many activities needed to reduce the environmental impact of the incident. Levels of protection for later operations are based not only on data obtained from the initial and subsequent environmental monitoring, but also on the probability of contamination and ease of decontamination.

Examples of situations where Level A has been worn are:

- Excavating of soil to sample buried drums suspected of containing high concentrations of dioxin;
- Entering a cloud of chlorine to repair a valve broken in a railroad accident;
- Handling and removing drums known to contain petroleum; and
- Responding to accidents involving cyanide, arsenic, and undiluted pesticides.

The fully encapsulating suit provides the highest degree of protection to skin, eyes, and respiratory system if the suit material resists chemicals during the time the suit is worn. While Level A provides maximum protection, all suit material may be rapidly permeated and degraded by certain chemicals from extremely high air concentrations, splashes, or an immersion of boots or gloves in concentrated liquids or sludges. These limitations should be recognized when specifying the type of fully encapsulating suit. Whenever possible, the suit material should be matched with the substance it is used to protect against.

5.2 Level B Protection

1. PPE:

a. Positive-pressure SCBA (MSHA\NIOSH approved); or

b. Positive-pressure air line respirator (with escape bottle for IDLH potential for IDLH atmosphere) MSHA/NIOSH approved;

c. Chemical resistant clothing (overalls and long-sleeved jacket; coveralls or hooded one-or two-piece chemical splash suit; disposable chemical-resistant, one-piece suits);

d. Cotton long underwear*;

e. Coveralls;

f. Gloves (outer), chemical-resistant;

g. Gloves (inner), chemical-resistant;

h. Boots (inner), leather work shoe with steel toe and shank;

i. Boots (outer), chemical-resistant, (disposable);

j. Hard hat (face shield*);

k. 2-way radio communication*; and

l. Taping between suit and gloves; and suit and boots.

* Optional

2. Criteria for Selection

Any one of the following conditions warrants use of Level B Protection:

a. The type and atmospheric concentration of toxic substances have been identified and require a high level of respiratory protection, but less skin protection than Level A. These atmospheres would be:

- Have IDLH concentrations; or
- Exceed limits of protection afforded by an air-purifying mask; or
- Contain substances requiring air-supplied equipment, but

substances and/or concentrations do not represent a serious skin hazard.

b. The atmosphere contains less than 19.5% oxygen.

c. Site operations make it highly unlikely that the work being done will generate high concentrations of vapors, gases or particulates, or splashes of material that will affect the skin of personnel wearing Level B protection.

d. Working in confined spaces.

e. Total atmospheric concentrations, sustained in the breathing zone, of unidentified vapors or gases range from 5 ppm above background to 500 ppm above background as measured by direct reading instruments such as the ID or PID or similar instruments, but vapors and gases are not suspected of containing high levels of chemicals toxic to skin

3. Guidance on Selection Criteria:

Level B equipment provides a reasonable degree of protection against splashes and to lower air concentrations, but a somewhat lower level of protection to skin than Level A. The chemical-resistant clothing required in Level B is available in a wide variety of styles, materials, construction detail, permeability, etc. Taping joints between the gloves, boot and suit, and between the hood and respirator reduces the possibility for splash and vapor or gas penetration. These factors all affect the degree of protection afforded. Therefore the Safety Officer should select the most effective chemical-resistant clothing based on the known or anticipated hazards and/or job function.
Level B does provide a high level of protection to the respiratory tract. Generally, if SCBA is required, Level B clothing rather that a fully encapsulating suit (Level A) is selected based on needing less protection against known or anticipated substances affecting the skin. Level B skin protection is selected by:

a. Comparing the concentrations of known or identified substances in air with skin toxicity data.
b. Determining the presence of substances that are destructive to or readily absorbed through the skin by liquid splashes, unexpected high levels of gases, vapor or particulates, or other means of direct contact; and
c. Assessing the effect of the substance (at its measure air concentrations or splash potential) on the small area of the head and neck left unprotected by chemical-resistant clothing.

For initial site entry at an open site, Level B protection should protect site personnel, providing the conditions described in selecting Level A are known of judged to be absent.

5.3 Level C Protection

1. PPE

a. Full-face, air purifying, cartridge- or canister-equipped respirator (MSHA/NIOSH approved) with cartridges appropriate for the respiratory hazards;

b. Chemical-resistant clothing (coveralls, hooded, one-or two-piece chemical splash suit; chemical-resistant hood and apron; disposable chemical-resistant coveralls;

c. Coveralls;

d. Cotton long underwear*;

e. Gloves (outer), chemical resistant;

f. Gloves (inner), chemical-resistant

g. Boots (inner), leather work shoes with steel toes and shank;

h. Boots)outer), chemical-resistant (disposable)*;

i. Hard hat (face shield)*;

j. Escape SCBA of at least 5 minute duration;

k. 2-way radio communications (inherently safe)*; and

l. Taping between suit and boots, and suit and gloves.

* Optional

2. Criteria for Selection

Meeting all of these criteria permits use of Level C protection:

a. Measured air concentrations of Identified substances will be reduced by the respirator to, at, or below the substance's Threshold Limit Value (TLV) or appropriate occupational exposure limit and the concentration is within the service limit of the canister.

b. Atmospheric contaminate concentrations do not exceed IDLH levels.

c. Atmospheric contaminants, liquid splashes, or other direct contact will not adversely affect the small area of the skin left unprotected by chemical-resistant clothing.

d. Job functions do not require SCBA;

e. Total readings register between background and 5 ppm above background as measured by instruments such as the FID of PID.

f. Oxygen concentration is not less than 19.5% by volume.

g. Air will be monitored continuously.

3. Guidance on Selection Criteria

Level C protection is distinguished from Level B by the equipment used to protect the respiratory system, assuming the same type of chemical-resistant clothing is used. The main selection criterion for Level C is that conditions permit wearing air-purifying devices. The air-purifying device must be a full-face mask (MSHA/NIOSH approved) equipped with a cartridge suspended from the chin or on a harness. Cartridges must be able to remove the substances encountered.

A full-face air purifying mask can be used only if:

a. Oxygen content of the atmosphere is at least 19.5% by volume;

b. Substance(s) is identified and its concentration(s) measured;

c. Substance(s) has adequate warning properties;

d. Individual passes a qualitative fit-test for the mask; and

e. Appropriate cartridge is used, and its service limits concentration is not exceeded.

An air-monitoring program is part of all response operations when atmospheric contamination is known or suspected. It is particularly important that the air be monitored thoroughly when personnel are wearing air-purifying respirators (Level C). Continual surveillance using direct reading instruments and air sampling is needed to detect any changes in air quality necessitating a higher level of respiratory protection. Total unidentified vapor/gas

concentrations exceeding 5 ppm above background required Level B.

5.4 Level D Protection

1. PPE

a. Coveralls, chemical-resistant;

b. Gloves (outer), chemical resistant;

c. Gloves (inner), chemical-resistant*;

d. Boots (inner), leather work shoes with steel toes and shank;

e. Boots (outer), chemical-resistant (disposable)*;

f. Hard hat;

g. Face shield*;

h. Safety glasses with side shields or chemical splash goggles*; and

i. Taping between suit and boots, and suit and gloves.

* Optional

2. Criteria for Selection

a. No atmospheric contamination is present.

b. Direct reading instruments do not indicate any readings above background.

c. Job functions have been determined not to require respirator protection.

3. Guidance on Selection Criteria

Level C protection is distinguished from Level D protection in the requirement for respiratory protection. Level D is used for non-intrusive activities or intrusive activities with continuous air monitoring. It can be worn only in areas where there is no possibility of contact with contamination.

6.0 TEMPERATURE EXTREMES

6.1 Heat Stress

Site personnel who wear protective clothing allow body heat to be accumulated with an elevation of the body temperature. Heat cramps, heat exhaustion, and heat stroke can be experienced, which, if not remedied, can threaten life or health. Therefore an American Red Cross Standard First Aid book or equivalent will be maintained on site at all time so that the SO and site personnel will be able to recognize symptoms of heat emergencies and be capable of controlling the problem. When protective clothing is worn, especially Levels A and B, the suggested guidelines for ambient temperature and maximum wearing time per excursion are:

Ambient Temperature (F)	Max. Wearing Time per Excursion (min)
Above 90	15
85 to 90	30
80 to 85	60
70 to 80	90
60 to 70	120
50 to 60	180

One method of measuring the effectiveness of employees' rest-recovery regime is by monitoring the heart rate. The Brouha guideline is one such method.

- During a three minute period, count the pulse rate for at least 30 seconds of the first minute, the last 30 seconds of the second minute, and the last 30 seconds of the third minute.
- Double the count.

If the recover pulse rate during the last thirty seconds of the first minute is at 110 beats/minute or less and the deceleration between the first, second, and third minutes is at least 10 beats/minute, the work-recovery regime is acceptable. If the employee's rate is above that specified, a longer rest period is required, accompanied by an increased intake of fluids.

In the case of heat cramps or heat exhaustion, "pediolite" or its equivalent is suggested as part of the treatment regime. The reason for this type of liquid refreshment is that such beverages will return much needed electrolytes to the system. Without these electrolytes, body systems cannot function properly, thereby increasing the represented health hazard. Also in the more extreme instances, inundation with cool water is recommended to lower the body temperature as rapidly as possible.

This liquid refreshment will be stored in a cooler at the edge of the decontamination zone in plastic squeeze bottles. The plastic bottle swill be marked with the individual's names. Disposable cups with lids and straws may be used in place of the squeeze bottles. Prior to drinking within the decontamination zone, the project personnel shall follow the following decontamination procedures:

A. Personnel shall wash and rinse their outer gloves and remove them.

B. Personnel shall remove their hard hats and respirators and place on table.

C. Personnel shall remove their inner gloves and place them on table.

D. Personnel shall wash and rinse their face and hands.

E. Personnel shall carefully remove their personal bottle or cup from the cooler to ensure that their outer clothes do not touch any bottle, cups, etc.

F. The used bottle or cups will not be returned to the cooler, but will be placed in a receptacle or container to be cleaned or disposed of.

G. Personnel shall replace their respirators, hard hats gloves and tape gloves prior to re-entering the hazardous zone.

When personnel are working in situations where the ambient temperatures and humidity are high--and especially in situations where protection Levels A, B, and C are required the must:

- Assure that all employees drink plenty of fluids ("Pediolite or its equivalent);

- Assure that frequent breaks are scheduled so overheating does not occur; and,

- Revise work schedules, when necessary, to take advantage of the cooler parts of the day (i.e., 5:00 a.m. to 1:00 p.m., and 6:00 p.m. to nightfall).

6.2 Cold Stress

Whole-body protection shall be provided to all site personnel that have prolonged exposure to cold air. The right kind of protective clothing shall be provided to site personnel to prevent cold stress. The following dry clothing shall be provided by the Contractor as deemed necessary by the SO:

- Appropriate underclothing (wool or other);
- Outer coats that repel wind and moisture;
- Face, head, and ear coverings;
- Extra pair of socks;
- Insulated safety boots; and
- Glove liners (wool) or wind-and water repellent gloves.

The SO will use the equivalent chill temperature when determining the combined cooling effect of wind and low temperatures on exposed skin or when determining clothing insulation requirements.

Site personnel working continuously in the cold are required to warm themselves on a regular basis. Warm, sweet drinks will also be provided to site personnel to prevent dehydration. The SO will follow the work practices and recommendations for cold stress threshold limit values as stated by the 1991-1992 Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices by the American Conference of Governmental Industrial Hygienists or equivalent cold stress prevention methods.

7.0 MEDICAL MONITORING REQUIREMENTS

All personnel and visitors entering an exclusion zone or decontamination zone must have completed appropriate medical monitoring requirements required under OSHA 29 CFR 1910.120(f). Medical monitoring enables a physician to monitor each employee's health and physical condition, fitness to wear respiratory protective equipment, and fitness to carry out on-site tasks.

If there are additional medical monitoring requirements for a site, evidence of compliance must be included. Documentation of ESPL personnel medical monitoring is maintained on file and summarized in Table 1-1. Subcontractors working on the job must provide the site safety officer with documentation on their medical monitoring programs.

7.1 Fit-Testing Requirements

All personnel and visitors entering an exclusion zone or decontamination zone using a negative pressure air purifying respirator (APR) must have successfully passed a qualitative respirator fit-test in accordance with OSHA 29 CFR 1910.134 or the American National Standards Institute.

Documenting fit-testing is the responsibility of each subcontractor. Documentation of ESPL personnel fit-testing is maintained on file and summarized in Table 1-1.

8.0 AIR MONITORING

According to 29 CFR 1910.120(h) air shall be monitored to identify and quantify levels of airborne hazardous substances and health hazards, and to determine the appropriate level of worker protection.

Air may be monitored for oxygen content, explosive levels (LEL), quantitative and qualitative toxic gas levels. Portable gas monitors will be used based on the hazard assessment. This section describes the type, purpose and method of air monitoring to be used on site.

8.1 Routine Air Monitoring Requirements

Type of Air Monitor to be used
MSA Four GAS Meter

Purpose
To monitor oxygen content, explosive levels (LEL), quantitative and qualitative toxic gas levels.

Method (continuous or periodic)
Continuous

Method of Maintenance and Calibration
Annual Calibration by Manufacture

Maintenance and Calibration Log

Date of Last Maintenance	Date of Last Calibration
_____	_____
_____	_____

Air will be monitored when any of the following conditions apply within the exclusion zone:

- Initial site entry;
- A potential IDLH condition or flammable atmosphere has developed;
- Work begins on another portion of the site;
- Contaminants, other than those previously identified, have been discovered;
- Each time a different task or activity is initiated; or
- During trenching and/or excavation work.

All air monitoring data will be documented in a site log book by the Site Safety Officer. Air monitoring instruments will be calibrated and maintained in accordance with the manufacturer's specifications.

Below are guidelines for actions to be taken based on routine air monitoring within the exclusion zone if the hazard assessment warrants. These are:

Oxygen readings between 19.5% and 25%: continue.
Oxygen readings <19.5%: SCBA required, CGI not reliable.
Oxygen readings >25%: exit.
CGI readings of <10% LEL: continue
CGI readings of 10 to 20% LEL: proceed with caution
CGI readings >20% LEL: exit.

OVA/Microtip readings for VOCs sustained between background and 5 ppm over site specific background in breathing zone:

Continue OVA/Microtip readings for VOCs sustained between 5 and 10 ppm over site-specific background in breathing zone: Level C PPE. (See Note)

OVA/Microtip readings for VOCs >10 ppm over site-specific background in breathing zone: Level B PPE.

Note: To ensure readings are not generated by methane, screen vapors with a PID. If the PID reading is less than 5 ppm continue work (assume vapors are methane). If PID readings are over 5 ppm allow the work zone to vent. If PID and OVA reading continue to persist over 5 ppm screen the area with compound specific detector tubes for vinyl chloride and benzene. If these compounds are not present then level C can be worn.

9.0 SITE CONTROL AND STANDARD OPERATING PROCEDURES

9.1 Work Zones

The primary purpose for site controls is to establish the perimeter of a hazardous area, to reduce migration of contaminants into clean areas, and to prevent access or exposure to hazardous materials by unauthorized persons. The Project Superintendent shall designate an exclusion zone, a decontamination zone, and a support zone. These zones will float (move around the site) depending on the tasks being performed on any given day. The Site Safety Officer will outline these locations during the daily site safety meetings. This information shall be recorded by the Site Safety Officer in the site log.

Tasks requiring the OSHA 40-hour Hazardous Waste Operations and Emergency Response Operations training are carried out in the exclusion zone. The exclusion zone will be defined by the Site Safety Officer but will typically be a 50-foot area around work activities.

Protective equipment shall be removed within the decontamination zone. Disposable protective equipment shall be stored in receptacles staged in the decontamination zone, and non-disposable equipment will be decontaminated according to the procedures outlined in Section 10.0. All personnel and equipment will exit the exclusion zone through the decontamination zone. If, during certain steps of the work, a decontamination trailer is provided, first aid equipment, an eye wash unit, and drinking water shall be kept in the decontamination trailer.

The support zone will be used for the office trailers, for vehicle parking, daily safety meetings, and supply storage. Eating, drinking, and smoking are permitted only in the support zone. When a decontamination trailer is not provided, the eye wash unit, first aid equipment, and drinking water shall be kept at the command post. Gross decontamination (as determined by the site Health and Safety Officer) will be conducted in the exclusion zone, all other decontamination will be performed in the decontamination trailer. This HASP, HASP attachments, a site map indicating the three work zones, and a telephone will be kept in a designated office trailer. An eyewash and fire extinguisher shall be kept in the decontamination trailer or the command post.

9.2 General Field Safety and Standard Operating Procedures

ESPL's policy is to control hazards for all site areas by limiting entrance to exclusion zones to essential personnel, and by implementing the following:

- Non-essential (as judged by the Site Safety Officer) personnel and unauthorized persons will not enter the exclusion or decontamination zone.

- Before entering the exclusion or decontamination zones, all personnel must be familiar with emergency response procedures (Section 11.0), site safety locations, first aid and communication equipment, and the locations of the map to the hospital and the list of emergency telephone numbers.

- Before entering the exclusion or decontamination zones, all personnel must be familiar with emergency response procedures (Section 11.0), site safety locations, first aid and communication equipment, and the locations of the map to the hospital and the list of emergency telephone numbers.

- The buddy system will be used at all times by field personnel in the exclusion zone; no one is to perform work within the exclusion zone alone. When in Level D or C, visual contact or radio contact shall be maintained at all times. In Level A or B, visual contact shall be maintained at all times, and radio contact shall be maintained with the decontamination and/or support zone.

- Contact with contaminated and potentially contaminated surfaces should be avoided. Walk around (not through) puddles and discolored surfaces. Do not kneel on the ground or set equipment on the ground. Protect equipment from contamination.

- All personnel exiting the exclusion zone must exercise the decontamination procedures described in Section 11.0 of this HASP.

- Beards or other facial hair that interferes with respirator fit will preclude admission to the exclusion zone. Contact lenses shall not be worn in the exclusion or decontamination zones, or if the worker may be expected to enter these zones under routine or emergency situations.
- Eating, drinking, or smoking is permitted only in designated areas in the support zone.

- Each worker must be supplied with and maintain his/her own personal protective equipment.

Note: These policies will be enforced by the ESPL Site Safety Officer with the delegated power of the Principal in Charge.

10.0 DECONTAMINATION PROCEDURES

The standard level D decontamination protocol shall be used in the decontamination zone.

All equipment and PPE exiting the exclusion zone must be decontaminated or properly discarded upon exit. All personnel must enter and exit the exclusion zone through the decontamination area. Due to the nature of the site work, the exclusion and decontamination zones may change. Plastic bags containing personal protective clothing and equipment will be placed in designated receptacles.

All boots and other potentially contaminated garments that have come in contact with the MSW will be cleaned in wash tubs with detergent/water solution and rinsed with water and must remain on site at all times. The wash water, rinse water, and residues will be collected and properly stored until sampling results are received and the final method of disposal can be determined. Disposable PPE, including spent respirator cartridges and canisters, will be properly bagged and disposed of. All contaminated boots, clothing, and equipment (e.g. leather boots, equipment carrying straps) that cannot be decontaminated will be disposed of with the disposable garments or left on site in the decontamination trailer.

Heavy equipment will be decontaminated on a pad constructed of concrete or plastic sheeting that will allow water and residues to be collected in a trench. The decontamination water and residues will be drummed, sealed, and properly stored on-site to await proper disposal. The pad will serve a dual purpose, for decontamination, and to stop equipment leaving the site from tracking materials off site.

The **minimum** measures for Level B doffing and decontamination are:

- Deposit equipment used on site on plastic drop cloths;
- Scrub outer boots and gloves with a water and detergent solution and rinse off;
- Remove outer boots and outer gloves. Discard disposable outer garments in receptacle provided;
- Remove SCBA and face piece and place on rack provided;
- Remove tyvek/outer garment and place in receptacle provided;
- Remove inner gloves and deposit in receptacle provided; and
- Shower/wash face and hands.

The **minimum** measures for Level C doffing and decontamination are:

- Deposit equipment used on site on plastic drop cloths;
- Scrub outer boots and gloves (if worn) with a water and detergent solution and rinse off;
- Remove outer boots and outer gloves. Discard disposable outer garments in receptacle provided;
- Remove tyvek/outer garment and place in receptacle provided;
- Remove first pair of inner gloves;
- Remove respirator (using "clean" inner gloves) and place on rack provided;
- Remove last pair of inner gloves and deposit in receptacle provided; and,
- Shower/wash face and hands

The second to last item to be removed should be the APR, and the last item to be removed should be the last of several pairs of surgical gloves. Wearing several pairs of inner gloves permits layers to be removed as needed during various stages of the doffing procedure, and if the APR inadvertently becomes contaminated, inner gloves guard against bare hands contacting the APR.

11.0 CONTINGENCY PLAN/EMERGENCY RESPONSE PLAN

Site personnel must be prepared in the event of an emergency. Emergencies can take many forms: illnesses, injuries, chemical exposure, fires, explosions, spills, leaks, releases of harmful contaminants, or sudden changes in the weather.

Emergency telephone numbers and a map to the hospital will be posted in the command post. Site personnel should be familiar with the emergency procedures, and the locations of site safety, first aid, and communication equipment.

11.1 Emergency Equipment On-Site / Site Communications

Type	**Location**
Private Telephones:	Site personnel
Two-Way Radios:	Site personnel, if required
Emergency Alarms	On-site vehicle horns*
First Aid Kits:	On-site
Fire Extinguisher:	On-site

* Horns: Air horns will be supplied to personnel at the discretion of the Project Superintendent or Site Safety Officer.

11.2 Emergency Telephone Numbers and Hospital Information

Police	911
Fire and Ambulance	911
Local Hospital(Beth Israel Medical Center)	(212) 420-2000
Local Health Department	(212) 865-1951
NYS Health Department	(518) 458-6309
National Response Center	(800) 424-8802
Poison Control	(800) 282-3171
Chemical Emergency Advice	(800) 424-9300
NYSDEC	(718) 482-4634
ESPL Environmental	(212) 330-7501

11.3 Personnel Responsibilities During an Emergency

The **Project Superintendent** is primarily responsible for responding to and correcting emergency situations. However, in the absence of the Project Superintendent, the **Safety Officer** shall act as the Project Superintendent's on-site designee, and perform the following tasks:

- Take appropriate measures to protect personnel including: withdrawal from the exclusion zone, total evacuation and securing of the site, or upgrading or downgrading the level of protective clothing and respiratory protection;

- Ensure that appropriate federal, state, and local agencies are informed, and emergency response plans are coordinated; In the event of fire or explosion, the local fire department should be summoned immediately. If toxic materials are released to the air, the local authorities should be informed in order to assess the need for evacuation;
- Ensure appropriate decontamination, treatment, or testing for exposed or injured personnel;

- Determine the cause of the incident and make recommendations to prevent recurrence; and,

- Ensure that all required reports have been prepared.

The emergency coordinators for this work are:

Project Superintendent - Margaret Tavares (646-772-8820)

Site Safety Officer - Margaret Tavares (646-772-8820)

11.4 Medical Emergencies

Any person who becomes ill or injured in the exclusion zone must be decontaminated to the maximum extent possible. If the injury or illness is minor, full decontamination should be completed and first aid administered prior to transport. First aid should be administered while awaiting an ambulance or paramedics.

11.5 Fire or Explosion

In the event of a fire or explosion, the local fire department should be summoned immediately. The Project Superintendent or his designated alternate will advise the fire commander of the location, nature and identification of the hazardous materials on-site. If it is safe to do so, site personnel may:

- Use fire fighting equipment available on site; or,
- Remove or isolate flammable or other hazardous materials that may contribute to the fire.

11.6 Evacuation Routes

Evacuation routes established by work area locations for this site will be highlighted on a site map and periodically reviewed during the daily safety meetings. As the work areas change, the evacuation route and map will be altered accordingly, and the new route will be reviewed during the daily safety meetings.

Under extreme emergency conditions, evacuation should be conducted immediately, without regard for equipment. The evacuation signal will be a continuous blast of a vehicle horn, if possible, and/or by verbal/radio communication. When evacuating the site, personnel shall follow these instructions:

- Keep upwind of smoke, vapors, or spill location.
- Exit through the decontamination corridor if possible.
- If evacuation through the decontamination corridor is not possible, site personnel should remove contaminated clothing once they are in a safe location and leave it near the exclusion zone or in a safe place.
- The Project Superintendent or Site Safety Officer will conduct a head count to ensure that all personnel have been evacuated safely. The

head count will be correlated to the site and/or exclusion zone entry/exit log.

- If emergency site evacuation is necessary, all personnel are to escape the emergency situation and decontaminate to the maximum extent practical.

11.7 Spill Control Procedures

In the event of a leak or a release, site personnel will:

- Inform their supervisor immediately;
- Locate the source of the spillage and stop the flow if it can be done safely; and,
- Begin containment and recovery of the spilled materials.

Equipment on-site shall be sufficient to handle any spills. Equipment shall be diked and containerized appropriately. Field monitoring equipment and spill control equipment are shown in Table 11-1.

11.8 Vapor Release Plan

The site work will be suspended if air monitoring at the site perimeter shows air contaminants above acceptable concentrations. Off-site readings will be taken within 20 feet of the nearest residential or commercial property. If efforts to mitigate the emission source are unsuccessful for 30 minutes then the ESPL Site Safety Officer will:

- contact the local police,
- continue to monitor air every 30 minutes, 20 feet from the closest off-site property. If two successive readings are within acceptable levels, off-site air monitoring, would be halted.

All property line and off-site air monitoring locations and results associated with vapor releases shall be recorded in the site safety log book.

11.9 Communication Procedures

Type of communication to be used:
(i.e. cellular phone, Two-way radio, etc.)

<u>Cell phones</u>

The following standard hand signals will be used in case of failure of communication equipment:

Hand gripping throat ……..	Out of air, can't breathe
Grip partners wrist or both hands around waist……	Leave area immediately
Hand on top of head……..	Need assistance
Thumbs up……..	OK, I am all right, I understand
Thumbs down…….	No, negative

TABLE 11-1
FIELD EQUIPMENT/SPILL CONTROL EQUIPMENT

Equipment	Location/Use

12.0 CONFINED SPACE

On January 14, 1993, OSHA published its Final Rule on permit required confined spaces for General Industry at 29CFR 1910.146 et seq., with an implementation date of April 15, 1993. The rule specifically excludes agriculture, construction, or shipyard employment, but prudence requires that this HASP cover confined space entry and the OSHA rule will be followed. OSHA defines confined space as:

1. is large enough and so configured that an employee can bodily enter and perform assigned work;

2. has limited or restricted areas for entry or exit (for example, tanks, vessels, silos, storage bins, hoppers, vaults, and pits are spaces that may have limited entry); and

3. is not designed for continuous employee occupancy.

OSHA further requires that an "entry supervisor" (the site safety officer) decides at the time of entry whether the space is permit required or non-permit required space. Once designated the site safety officer will monitor the space two hours prior to entry and continuously during work to ensure that the atmosphere is not hazardous. OSHA defines as hazardous atmosphere as:

1. Flammable gas, vapor, or mist in excess of 10 percent of its lower explosive limit (LEL);

2. Airborne combustible dust at a concentration that meets or exceeds its LEL;
   NOTE: This concentration may be approximated as a condition in which the dust obscures vision at a distance of 5 feet (1.52 m) or less.

3. Atmospheric oxygen concentration below 19.5 percent or above 23.5 percent

4. Atmospheric concentration of any substance for which a dose or a permissible exposure limit is published in Subpart G, Occupational Health and Environmental Control, or in Subpart Z. Toxic and Hazardous Substances, of this part and which could result in employee exposure in excess of its dose or permissible exposure limit;
5. Any other atmospheric condition that is immediately dangerous to life or health.

The space is non-permit required if none of the above defined hazardous conditions are present. OSHA requires an attendant (e.g., an individual stationed outside one

or more spaces who monitors the entrants and who performs air monitoring of the space(s) be assigned for each space. The attendant is not allowed to perform any rescue duties but simply must communicate with the entrant and call for coordinates rescue procedures if required.

12.1 Confined Space Entry Procedure

Confined space entry that will require a permit may be required during construction at the site. If the Site Safety Officer determines that an excavation meets the definition of a confined space then natural or mechanical ventilation will be employed to ensure that the space meets the requirements of non-permit required confined space. The Site Safety Officer will perform continuous air monitoring one hour before and during entry work to ensure that the space remains non-permit required.

A confined space entry permit must be filled out and signed by the Site Safety Officer. By signing this, the supervisor certifies that the space does not contain a hazardous atmosphere, and that the atmosphere will be monitored. A confined space entry permit form is located in New York State Department of Labor, Employer Guide and Model (Permit Required Confined Space Entry Plan (29 CFR Part 1910.146) located at the end of this section or at the ESPL office. This permit will be modified by the Site Safety Officer for different confined spaces.

Blowers will be utilized to ventilate the space.
When workers are in the excavation, the space must be continuously monitored for the hazardous atmosphere parameters using appropriate instrumentation. The Site Safety Officer or delegee must log the meter readings every 30 minutes while the confined space is occupied.

If a hazardous atmosphere is detected, employees must leave confined space until monitoring shows that there is no atmosphere hazard. Engineering controls will be used to dissipate the atmosphere if it does not dissipate naturally.

13.0 DAILY SAFETY MEETINGS

Safety or pre-entry meetings will be held each day before work begins, to ensure that all on-site personnel understand site conditions and operating procedures, and to address safety questions and concerns. The Site Safety Officer or the Project Superintendent will lead the meetings. All personnel trained and prepared to enter exclusion and decontamination zones will attend the meetings.

The site safety officer shall maintain a log of each meeting.

14.0 WORK PLAN

14.1 Work Tasks, Objectives and Methods for Implementation

(Describe specifically who will be working on tasks to be performed and their functions)

Margaret Tavares, overall site supervisor to coordinate all field activities related to environmental investigations.
Margaret Tavares, site health and safety officer to coordinate and ensure compliance to all site-specific safety plans.

Location of Exclusion, Decontamination and Support Zones. (Include a location drawing if necessary)

_____
_____
_____

14.2 Clean Up / Decontamination Activities and Procedures

(Describe specifically who will be working on tasks to be performed and their functions)
FieldSupervisor_____
_____
_____
_____
_____

14.3 Informational Programs

To ensure that employees, contractors, and subcontractors (or their representatives) are aware of this plan all persons engaged in operations at this site must sign the Site Personnel Form indicating that they are familiar with this Site Health and Safety Plan prior to commencing operations.

Site Personnel Log

I have reviewed and am familiar with the Site Health and Safety Plan for the following site:

335 Grand Concourse
335 Grand Concourse
Bronx , New York

Name	Company or Affiliation	Date	Remarks

14.4 Medical Surveillance Program

Refer to Section 7.0

14.5 Personnel Requirements

Refer to Section 2.0

14.6 - Training Implementation

Refer to Section 4.0

Appendix E

Soil Boring Logs

ESPL Environmental Consultants Corp.

2 West 32nd Street, NY NY 10001	Tel: (212) 330-7501	Mail@espl.com	**Boring ID: SB-1**

Client:	**Project Number:**	**Contact:**	**Temp:**
GCH LLC	131-3	Mr. Sanjay Patel	65° F
Address, City, State	**Date** **Started:**	**Sample Interval:**	**Weather Condition:**
735 pelham Pkwy N, Bronx	4/29/2014	24"	Cloudy
Logged By:	**Completed:**	**Drill Rod Size ID/OD:**	**Surface Elev.:**
RL	4/29/2014	2"	Finished Grade
Drilling Contractor:	**Backfilled:**	**Casing ID/OD:**	**Water level:**
Big Apple	4/29/2014	NA	
Drill Crew:	**Drill Rig Type:**	**Hammer Weight:**	**Datum:**
Reggie	Rotary Auger Rig	N/A	

Depth (feet)	Sample Type	Sample #	Blows/ft	PID (ppm)	Recovery	Abnormality	Visual Material Description and Remarks	TAL Metals,	VOC, SVO, PCB, Pst	Addl Analysis
1 2	-	-	-	0	12"	-	6" Fill Material (RCA), 6" broken stone			
3 4	-	-	-	0	15"	-	8" Fill Material (RCA), 7" sand, silt, 4" rock	X	X	

C	Composite		
DC	Discrete	"O"	Odor
G	Grab	"D"	Discoloration

▽ Stabllized Ground water

▼ Groundwater At time of Drilling

ESPL Environmental Consultants Corp.

2 West 32nd Street, NY NY 10001 Tel: (212) 330-7501 Mail@espl.com				**Boring ID: SB-2**
Client:	**Project Number:**	**Contact:**		**Temp:**
GCH LLC	131-3	Mr. Sanjay Patel		65° F
Address, City, State	**Date** **Started:**	**Sample Interval:**		**Weather Condition:**
735 pelham Pkwy N, Bronx	4/29/2014	24"		Cloudy
Logged By:	**Completed:**	**Drill Rod Size ID/OD:**		**Surface Elev.:**
RL	4/29/2014	2"		Finished Grade
Drilling Contractor:	**Backfilled:**	**Casing ID/OD:**		**Water level:**
Big Apple	4/29/2014	NA		
Drill Crew:	**Drill Rig Type:**	**Hammer Weight:**		**Datum:**
Reggie	Rotary Auger Rig	N/A		

Depth (feet)	Sample Type	Sample #	Blows/ft	PID (ppm)	Recovery	Abnormality	Visual Material Description and Remarks	TAL Metals,	VOC, SVO, PCB, Pst	Addl Analysis
1	-	-	-	0	24"	-	24" Fill Material (RCA)			
2										
3	-	-	-	0	18"	-	4" Fill material, 8" silty sand W/fill material, 6" rock schist	X	X	
4										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

C	Composite				
DC	Discrete	"O"	Odor	▽	Stablized Ground water
G	Grab	"D"	Discoloration	▼	Groundwater At time of Drilling

ESPL Environmental Consultants Corp.

2 West 32nd Street, NY NY 10001 Tel: (212) 330-7501 Mail@espl.com				**Boring ID: SB-3**
Client:	**Project Number:**	**Contact:**		**Temp:**
GCH LLC	131-3	Mr. Sanjay Patel		65° F
Address, City, State	**Date** **Started:**	**Sample Interval:**		**Weather Condition:**
735 pelham Pkwy N, Bronx	4/29/2014	24"		Cloudy
Logged By:	**Completed:**	**Drill Rod Size ID/OD:**		**Surface Elev.:**
RL	4/29/2014	2"		Finished Grade
Drilling Contractor:	**Backfilled:**	**Casing ID/OD:**		**Water level:**
Big Apple	4/29/2014	NA		
Drill Crew:	**Drill Rig Type:**	**Hammer Weight:**		**Datum:**
Reggie	Rotary Auger Rig	N/A		

Depth (feet)	Sample Type	Sample #	Blows/ft	PID (ppm)	Recovery	Abnormality	Visual Material Description and Remarks	TAL Metals,	VOC, SVO, PCB, Pst	Addl Analysis
1	-	-	-	0	12"	-	12" Fill Material (RCA)			
2										
3	-	-	-	0	18"	-	6" Fill Material (RCA), 8" sand,silt, 4" rock	X	X	
4										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

C	Composite		
DC	Discrete	"O"	Odor
G	Grab	"D"	Discoloration

▽ Stabllized Ground water

▼ Groundwater At time of Drilling

ESPL Environmental Consultants Corp.

2 West 32nd Street, NY NY 10001	Tel: (212) 330-7501	Mail@espl.com	**Boring ID: SB-4**

Client:	**Project Number:**	**Contact:**	**Temp:**
GCH LLC	131-3	Mr. Sanjay Patel	65° F
Address, City, State	**Started:**	**Sample Interval:**	**Weather Condition:**
735 pelham Pkwy N, Bronx	4/29/2014	24"	Cloudy
Logged By:	**Completed:**	**Drill Rod Size ID/OD:**	**Surface Elev.:**
RL	4/29/2014	2"	Finished Grade
Drilling Contractor:	**Backfilled:**	**Casing ID/OD:**	**Water level:**
Big Apple	4/29/2014	NA	
Drill Crew:	**Drill Rig Type:**	**Hammer Weight:**	**Datum:**
Reggie	Rotary Auger Rig	N/A	

(Date)

Depth (feet)	Sample Type	Sample #	Blows/ft	PID (ppm)	Recovery	Abnormality	Visual Material Description and Remarks	TAL Metals,	VOC, SVO, PCB, Pst	Addl Analysis
1	-	-	-	0	10"	-	6" Fill Material (RCA), 4" broken concrete			
2										
3	-	-	-	0	20"	-	3" Fill Material (RCA), 15" sand, silt, 2" rock	X	X	
4										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

C	Composite		
DC	Discrete	"O"	Odor
G	Grab	"D"	Discoloration

▽ Stabllized Ground water

▼ Groundwater At time of Drilling

ESPL Environmental Consultants Corp.

2 West 32nd Street, NY NY 10001 Tel: (212) 330-7501 Mail@espl.com				**Boring ID: SB5**
Client:	**Project Number:**		**Contact:**	**Temp:**
GCH LLC	131-3		Mr. Sanjay Patel	65° F
Address, City, State	**Date**	**Started:**	**Sample Interval:**	**Weather Condition:**
735 pelham Pkwy N, Bronx		4/29/2014	24"	Cloudy
Logged By:		**Completed:**	**Drill Rod Size ID/OD:**	**Surface Elev.:**
RL		4/29/2014	2"	Finished Grade
Drilling Contractor:		**Backfilled:**	**Casing ID/OD:**	**Water level:**
Big Apple		4/29/2014	NA	
Drill Crew:	**Drill Rig Type:**		**Hammer Weight:**	**Datum:**
Reggie	Rotary Auger Rig		N/A	

Depth (feet)	Sample Type	Sample #	Blows/ft	PID (ppm)	Recovery	Abnormality	Visual Material Description and Remarks	TAL Metals,	VOC, SVO, PCB, Pst	Addl Analysis
1 2	-	-	-	0	12"	-	6" Fill Material (RCA), 6" broken stone			
3 4	-	-	-	0	19"	-	8" Fill Material (RCA), 7" sand, silt, 4" rock	X	X	
1 2 3 4										
5 6 7 8										
9 10 11 12										

C	Composite		
DC	Discrete	"O"	Odor
G	Grab	"D"	Discoloration

▽ Stabllized Ground water

▼ Groundwater At time of Drilling

Appendix F

Monitoring Well Logs

ESPL Environmental Consultants Corp.

2 West 32nd Street, NY NY 10001

Tel:(212) 330-7501 Fax: (212) 330-7505 email:mail@espl.com Web: WWW.ESPL.com

Project:	Project Number:	Client:	Monitoring Well ID.
GCH, LLC	131-3	GCH, LLC	MW-1
Address, City, State			Date:
335 Grand Concourse, Bronx			15-May-14

Logged By:	Date	Started:	Lead Agency	Lead Regulatory Agency	Driller Info	Drill Rig Type:
RK		15-May-14		NYCDEP/OER		*Drill* Rig Auger
Borehole Diamater:		Completed:		Case Mgr. Tel:		Drilling Contractor:
3"		15-May-14				Big Apple
Temp:		Backfilled:		Case Manager		Driller:
		15-May-14		Hannah Moore		Harry

Well As-built Info **(X) New Well (May 15,2014) Date** **(---) Existing Well (----------) Date**

Total Depth of Boring (ft):	Static Depth to groundwater (ft):	Ref. Elevation (ft):	Well Material
18'	4.8'		
Well Dia (In)	Screen Material	Riser Material	Screen/Slot size
2"	PVC	PVC	20
Riser Length:	Depth to top of Riser:	Screen Length:	Dep. to top of Screen (ft):
7'	-7	one 10' section	

Riser From:	To:	Riser From:	To:	Screen From:	To:	Screen From:	To:
-7	Grade	-	-	-17	-10	-	-
Packing Materia	Well Colapse	Packing Material:	Sand	Sealing Materia	Bentonit	Caping Materia	Cement
From:	To:	From:	To:	From:	To:		
N/A	N/A	-17	-3	-3	-1.5	-1.5	0

Purging Info **(May 15,2014) Date**

(a) Depth to Well Bottom:	(b) Depth to Groundwater:	Water Colum (a-b)	Well Volume (gal):
17	4.8'	12.2'	1.95
Casing Vol Factor (gal/ft):	Static Depth to Water:	Depth to Product:	Product Thickness (in):
1"=0.04 2"=0.16 3"=0.05 4"=0.65	4.8'	N/A	N/A
Purging Method/ Bailer,Sump Pump,Peristatic Pump	Purge Endpoint: Volume,Time,Parameter Stabilization,Turbidity	Purge Water Handling/ Discharged, Stored in drum on-site:	Recovery: (Fast, Slow, Very Slow)
Peristatic Pump	Vol,Turbidity	Stored in Drum on-site	Fast
Flow Rate (gal/Min):	Total Purge Time (Hrs):	Volume to be purged (g	Volume Purged (gal):
	2 Hr 35 Min	5.85	8

Observation/Comments

Signatur

Appendix G

Phoenix Environmental Laboratories Analytical Results

Soil Analysis

PHOENIX
Environmental Laboratories, Inc.

Monday, June 09, 2014

Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Project ID: 131-3
Sample ID#s: BG39584 - BG39588

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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

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

NY # 11301

SDG Comments

June 09, 2014

SDG I.D.: GBG39584

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

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

NY # 11301

Analysis Report

June 09, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/29/14	9:45
Location Code:	ESPL	Received by:	LPB	05/01/14	16:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG39584
Phoenix ID: BG39584

Project ID: 131-3
Client ID: SB-1 (2-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Aluminum	10200	48	mg/Kg	05/02/14	EK	SW6010	
Antimony	< 3.2	3.2	mg/Kg	05/02/14	EK	SW6010	
Arsenic	1.7	0.6	mg/Kg	05/02/14	EK	SW6010	
Barium	146	0.32	mg/Kg	05/02/14	EK	SW6010	
Beryllium	0.35	0.26	mg/Kg	05/02/14	EK	SW6010	
Calcium	28900	48	mg/Kg	05/02/14	EK	SW6010	
Cadmium	0.74	0.32	mg/Kg	05/02/14	EK	SW6010	
Chromium	32.1	0.32	mg/Kg	05/02/14	EK	SW6010	
Cobalt	11.0	0.32	mg/Kg	05/02/14	EK	SW6010	
Copper	109	3.2	mg/kg	05/02/14	EK	SW6010	
Iron	24000	48	mg/Kg	05/02/14	EK	SW6010	B
Lead	133	3.2	mg/Kg	05/02/14	EK	SW6010	
Magnesium	7690	48	mg/Kg	05/02/14	EK	SW6010	
Manganese	243	3.2	mg/Kg	05/02/14	EK	SW6010	
Mercury	0.19	0.07	mg/Kg	05/02/14	RS	SW-7471	
Nickel	30.3	0.32	mg/Kg	05/02/14	EK	SW6010	
Potassium	4460	48	mg/Kg	05/02/14	EK	SW6010	
Selenium	< 1.3	1.3	mg/Kg	05/02/14	EK	SW6010	
Silver	< 5.0	5.0	mg/Kg	05/02/14	EK	SW6010	
Sodium	308	4.8	mg/Kg	05/02/14	EK	SW6010	
Thallium	< 2.9	2.9	mg/Kg	05/02/14	EK	SW6010	
Vanadium	38.3	0.32	mg/Kg	05/02/14	EK	SW6010	
Zinc	229	3.2	mg/Kg	05/02/14	EK	SW6010	
Percent Solid	91		%	05/01/14	I	E160.3	
Soil Extraction for PCB	Completed			05/01/14	JB	SW3545	
Soil Extraction for Pesticide	Completed			05/01/14	JB/V	SW3545	
Soil Extraction for SVOA	Completed			05/01/14	JJ/F	SW3545	
Mercury Digestion	Completed			05/02/14	I/I	SW7471	

Project ID: 131-3
Client ID: SB-1 (2-3)

Phoenix I.D.: BG39584

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/01/14	CB/AG	SW846 - 3050	
Field Extraction	Completed			04/29/14		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1221	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1232	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1242	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1248	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1254	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1260	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1262	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1268	ND	73	ug/Kg	06/06/14	AW	SW 8082	
QA/QC Surrogates							
% DCBP	90		%	06/06/14	AW	30 - 150 %	
% TCMX	98		%	06/06/14	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDE	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDT	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
a-BHC	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Alachlor	ND	3.5	ug/Kg	05/05/14	CE	SW8081	1
Aldrin	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
b-BHC	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Chlordane	ND	11	ug/Kg	05/05/14	CE	SW8081	
d-BHC	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Dieldrin	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
Endosulfan I	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Endosulfan II	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
Endosulfan sulfate	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
Endrin	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
Endrin aldehyde	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
Endrin ketone	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
g-BHC	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
Heptachlor	ND	2.2	ug/Kg	05/05/14	CE	SW8081	
Heptachlor epoxide	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Methoxychlor	ND	35	ug/Kg	05/05/14	CE	SW8081	
Toxaphene	ND	180	ug/Kg	05/05/14	CE	SW8081	
QA/QC Surrogates							
% DCBP	96		%	05/05/14	CE	30 - 150 %	
% TCMX	92		%	05/05/14	CE	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,1,1-Trichloroethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.2	ug/Kg	05/03/14	JLI	SW8260	
1,1,2-Trichloroethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-1 (2-3)

Phoenix I.D.: BG39584

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromoethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloroethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloropropane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichloropropane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
2,2-Dichloropropane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
2-Chlorotoluene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
2-Hexanone	ND	35	ug/Kg	05/03/14	JLI	SW8260	
2-Isopropyltoluene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	1
4-Chlorotoluene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	35	ug/Kg	05/03/14	JLI	SW8260	
Acetone	ND	42	ug/Kg	05/03/14	JLI	SW8260	
Acrylonitrile	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Benzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Bromobenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Bromochloromethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Bromodichloromethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Bromoform	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Bromomethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Carbon Disulfide	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Carbon tetrachloride	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Chlorobenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Chloroethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Chloroform	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Chloromethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Dibromochloromethane	ND	4.2	ug/Kg	05/03/14	JLI	SW8260	
Dibromomethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Dichlorodifluoromethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Ethylbenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Hexachlorobutadiene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Isopropylbenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
m&p-Xylene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	42	ug/Kg	05/03/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	14	ug/Kg	05/03/14	JLI	SW8260	
Methylene chloride	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Naphthalene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
n-Butylbenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
n-Propylbenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-1 (2-3)

Phoenix I.D.: BG39584

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
p-Isopropyltoluene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
sec-Butylbenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Styrene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
tert-Butylbenzene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Tetrachloroethene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	14	ug/Kg	05/03/14	JLI	SW8260	1
Toluene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Total Xylenes	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	14	ug/Kg	05/03/14	JLI	SW8260	
Trichloroethene	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Trichlorofluoromethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
Vinyl chloride	ND	6.9	ug/Kg	05/03/14	JLI	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	97		%	05/03/14	JLI	70 - 130 %	
% Bromofluorobenzene	93		%	05/03/14	JLI	70 - 130 %	
% Dibromofluoromethane	94		%	05/03/14	JLI	70 - 130 %	
% Toluene-d8	95		%	05/03/14	JLI	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	730	ug/Kg	05/03/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dichlorophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dimethylphenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Chloronaphthalene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Chlorophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Methylnaphthalene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Nitroaniline	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
2-Nitrophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	730	ug/Kg	05/03/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	510	ug/Kg	05/03/14	DD	SW 8270	
3-Nitroaniline	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2100	ug/Kg	05/03/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	730	ug/Kg	05/03/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
4-Chloroaniline	ND	510	ug/Kg	05/03/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	510	ug/Kg	05/03/14	DD	SW 8270	

Project ID: 131-3
Client ID: SB-1 (2-3)

Phoenix I.D.: BG39584

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
4-Nitrophenol	ND	2100	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthylene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Acetophenone	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Aniline	ND	2100	ug/Kg	05/03/14	DD	SW 8270	
Anthracene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Benz(a)anthracene	910	510	ug/Kg	05/03/14	DD	SW 8270	
Benzidine	ND	880	ug/Kg	05/03/14	DD	SW 8270	
Benzo(a)pyrene	800	510	ug/Kg	05/03/14	DD	SW 8270	
Benzo(b)fluoranthene	1100	510	ug/Kg	05/03/14	DD	SW 8270	
Benzo(ghi)perylene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Benzoic acid	ND	2100	ug/Kg	05/03/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	730	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	510	ug/Kg	05/03/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Carbazole	ND	1100	ug/Kg	05/03/14	DD	SW 8270	
Chrysene	980	510	ug/Kg	05/03/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Dibenzofuran	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Diethyl phthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Dimethylphthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Di-n-butylphthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Di-n-octylphthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Fluoranthene	2100	510	ug/Kg	05/03/14	DD	SW 8270	
Fluorene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobutadiene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Hexachloroethane	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Isophorone	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Naphthalene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Nitrobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	730	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	510	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	730	ug/Kg	05/03/14	DD	SW 8270	
Pentachloronitrobenzene	ND	730	ug/Kg	05/03/14	DD	SW 8270	
Pentachlorophenol	ND	730	ug/Kg	05/03/14	DD	SW 8270	
Phenanthrene	1600	510	ug/Kg	05/03/14	DD	SW 8270	
Phenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Pyrene	1700	510	ug/Kg	05/03/14	DD	SW 8270	
Pyridine	ND	730	ug/Kg	05/03/14	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	69		%	05/03/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	84		%	05/03/14	DD	30 - 130 %	

Project ID: 131-3
Client ID: SB-1 (2-3)

Phoenix I.D.: BG39584

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorophenol	80		%	05/03/14	DD	30 - 130 %
% Nitrobenzene-d5	77		%	05/03/14	DD	30 - 130 %
% Phenol-d5	79		%	05/03/14	DD	30 - 130 %
% Terphenyl-d14	100		%	05/03/14	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.
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:

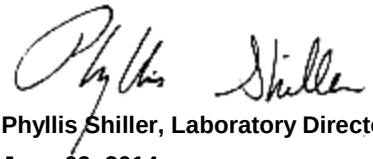
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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.



Phyllis Shiller, Laboratory Director
June 09, 2014
Reviewed and Released by: Sarah Bell, Project Manager

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

NY # 11301

Analysis Report

June 09, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/29/14	10:40
Location Code:	ESPL	Received by:	LPB	05/01/14	16:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG39584
Phoenix ID: BG39585

Project ID: 131-3
Client ID: SB-2 (2-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Aluminum	14700	53	mg/Kg	05/02/14	EK	SW6010	
Antimony	< 3.5	3.5	mg/Kg	05/02/14	EK	SW6010	
Arsenic	1.6	0.7	mg/Kg	05/02/14	EK	SW6010	
Barium	92.6	0.35	mg/Kg	05/02/14	EK	SW6010	
Beryllium	0.64	0.28	mg/Kg	05/02/14	EK	SW6010	
Calcium	7560	53	mg/Kg	05/02/14	EK	SW6010	
Cadmium	< 0.35	0.35	mg/Kg	05/02/14	EK	SW6010	
Chromium	32.1	0.35	mg/Kg	05/02/14	EK	SW6010	
Cobalt	12.2	0.35	mg/Kg	05/02/14	EK	SW6010	
Copper	37.3	0.35	mg/kg	05/02/14	EK	SW6010	
Iron	23400	53	mg/Kg	05/02/14	EK	SW6010	B
Lead	45.6	0.35	mg/Kg	05/02/14	EK	SW6010	
Magnesium	14500	53	mg/Kg	05/02/14	EK	SW6010	
Manganese	452	3.5	mg/Kg	05/02/14	EK	SW6010	
Mercury	< 0.07	0.07	mg/Kg	05/02/14	RS	SW-7471	
Nickel	26.3	0.35	mg/Kg	05/02/14	EK	SW6010	
Potassium	3010	53	mg/Kg	05/02/14	EK	SW6010	
Selenium	< 1.4	1.4	mg/Kg	05/02/14	LK	SW6010	
Silver	< 5.0	5.0	mg/Kg	05/02/14	EK	SW6010	
Sodium	429	5.3	mg/Kg	05/02/14	EK	SW6010	
Thallium	< 3.2	3.2	mg/Kg	05/02/14	EK	SW6010	
Vanadium	38.1	0.35	mg/Kg	05/02/14	EK	SW6010	
Zinc	83.9	0.35	mg/Kg	05/02/14	EK	SW6010	
Percent Solid	90		%	05/01/14	I	E160.3	
Soil Extraction for PCB	Completed			05/01/14	JB	SW3545	
Soil Extraction for Pesticide	Completed			05/01/14	JB/V	SW3545	
Soil Extraction for SVOA	Completed			05/01/14	JJ/F	SW3545	
Mercury Digestion	Completed			05/02/14	I/I	SW7471	

Project ID: 131-3
Client ID: SB-2 (2-3)

Phoenix I.D.: BG39585

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/01/14	CB/AG	SW846 - 3050	
Field Extraction	Completed			04/29/14		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1221	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1232	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1242	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1248	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1254	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1260	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1262	ND	73	ug/Kg	06/06/14	AW	SW 8082	
PCB-1268	ND	73	ug/Kg	06/06/14	AW	SW 8082	
QA/QC Surrogates							
% DCBP	90		%	06/06/14	AW	30 - 150 %	
% TCMX	99		%	06/06/14	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDE	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDT	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
a-BHC	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Alachlor	ND	3.5	ug/Kg	05/05/14	CE	SW8081	1
Aldrin	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
b-BHC	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Chlordane	ND	11	ug/Kg	05/05/14	CE	SW8081	
d-BHC	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Dieldrin	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
Endosulfan I	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Endosulfan II	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
Endosulfan sulfate	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
Endrin	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
Endrin aldehyde	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
Endrin ketone	ND	7.0	ug/Kg	05/05/14	CE	SW8081	
g-BHC	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
Heptachlor	ND	2.2	ug/Kg	05/05/14	CE	SW8081	
Heptachlor epoxide	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Methoxychlor	ND	35	ug/Kg	05/05/14	CE	SW8081	
Toxaphene	ND	180	ug/Kg	05/05/14	CE	SW8081	
QA/QC Surrogates							
% DCBP	98		%	05/05/14	CE	30 - 150 %	
% TCMX	93		%	05/05/14	CE	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,1,1-Trichloroethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND	5.2	ug/Kg	05/03/14	JLI	SW8260	
1,1,2-Trichloroethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-2 (2-3)

Phoenix I.D.: BG39585

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromoethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloroethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloropropane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichloropropane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
2,2-Dichloropropane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
2-Chlorotoluene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
2-Hexanone	ND	43	ug/Kg	05/03/14	JLI	SW8260	
2-Isopropyltoluene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	1
4-Chlorotoluene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	43	ug/Kg	05/03/14	JLI	SW8260	
Acetone	ND	52	ug/Kg	05/03/14	JLI	SW8260	
Acrylonitrile	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Benzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Bromobenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Bromochloromethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Bromodichloromethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Bromoform	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Bromomethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Carbon Disulfide	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Carbon tetrachloride	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Chlorobenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Chloroethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Chloroform	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Chloromethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Dibromochloromethane	ND	5.2	ug/Kg	05/03/14	JLI	SW8260	
Dibromomethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Dichlorodifluoromethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Ethylbenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Hexachlorobutadiene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Isopropylbenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
m&p-Xylene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	52	ug/Kg	05/03/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	17	ug/Kg	05/03/14	JLI	SW8260	
Methylene chloride	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Naphthalene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
n-Butylbenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
n-Propylbenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-2 (2-3)

Phoenix I.D.: BG39585

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
p-Isopropyltoluene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
sec-Butylbenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Styrene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
tert-Butylbenzene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Tetrachloroethene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	17	ug/Kg	05/03/14	JLI	SW8260	1
Toluene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Total Xylenes	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	17	ug/Kg	05/03/14	JLI	SW8260	
Trichloroethene	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Trichlorofluoromethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
Vinyl chloride	ND	8.7	ug/Kg	05/03/14	JLI	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	100		%	05/03/14	JLI	70 - 130 %	
% Bromofluorobenzene	96		%	05/03/14	JLI	70 - 130 %	
% Dibromofluoromethane	96		%	05/03/14	JLI	70 - 130 %	
% Toluene-d8	93		%	05/03/14	JLI	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	360	ug/Kg	05/03/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dichlorophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dimethylphenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrophenol	ND	580	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Chloronaphthalene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Chlorophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Methylnaphthalene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Nitroaniline	ND	580	ug/Kg	05/03/14	DD	SW 8270	
2-Nitrophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	05/03/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	05/03/14	DD	SW 8270	
3-Nitroaniline	ND	580	ug/Kg	05/03/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1100	ug/Kg	05/03/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	360	ug/Kg	05/03/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
4-Chloroaniline	ND	250	ug/Kg	05/03/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	05/03/14	DD	SW 8270	

Project ID: 131-3
Client ID: SB-2 (2-3)

Phoenix I.D.: BG39585

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	580	ug/Kg	05/03/14	DD	SW 8270	
4-Nitrophenol	ND	1100	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthylene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Acetophenone	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Aniline	ND	1100	ug/Kg	05/03/14	DD	SW 8270	
Anthracene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benz(a)anthracene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzidine	ND	440	ug/Kg	05/03/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzoic acid	ND	1100	ug/Kg	05/03/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	360	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	05/03/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Carbazole	ND	550	ug/Kg	05/03/14	DD	SW 8270	
Chrysene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Dibenzofuran	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Diethyl phthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Dimethylphthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Fluoranthene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Fluorene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Hexachloroethane	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Isophorone	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Naphthalene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Nitrobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	360	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	360	ug/Kg	05/03/14	DD	SW 8270	
Pentachloronitrobenzene	ND	360	ug/Kg	05/03/14	DD	SW 8270	
Pentachlorophenol	ND	360	ug/Kg	05/03/14	DD	SW 8270	
Phenanthrene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Phenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Pyrene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Pyridine	ND	360	ug/Kg	05/03/14	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	96		%	05/03/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	87		%	05/03/14	DD	30 - 130 %	

Project ID: 131-3
Client ID: SB-2 (2-3)

Phoenix I.D.: BG39585

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorophenol	81		%	05/03/14	DD	30 - 130 %
% Nitrobenzene-d5	86		%	05/03/14	DD	30 - 130 %
% Phenol-d5	84		%	05/03/14	DD	30 - 130 %
% Terphenyl-d14	105		%	05/03/14	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.
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.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
June 09, 2014
Reviewed and Released by: Sarah Bell, Project Manager

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

June 09, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/29/14	11:20
Location Code:	ESPL	Received by:	LPB	05/01/14	16:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG39584
Phoenix ID: BG39586

Project ID: 131-3
Client ID: SB-3(2-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Aluminum	10700	52	mg/Kg	05/02/14	EK	SW6010	
Antimony	< 3.5	3.5	mg/Kg	05/02/14	EK	SW6010	
Arsenic	3.6	0.7	mg/Kg	05/02/14	EK	SW6010	
Barium	216	0.35	mg/Kg	05/02/14	EK	SW6010	
Beryllium	0.39	0.28	mg/Kg	05/02/14	EK	SW6010	
Calcium	39100	52	mg/Kg	05/02/14	EK	SW6010	
Cadmium	1.11	0.35	mg/Kg	05/02/14	EK	SW6010	
Chromium	54.9	0.35	mg/Kg	05/02/14	EK	SW6010	
Cobalt	10.9	0.35	mg/Kg	05/02/14	EK	SW6010	
Copper	491	3.5	mg/kg	05/02/14	EK	SW6010	
Iron	26300	52	mg/Kg	05/02/14	EK	SW6010	B
Lead	308	3.5	mg/Kg	05/02/14	EK	SW6010	
Magnesium	6780	52	mg/Kg	05/02/14	EK	SW6010	
Manganese	280	3.5	mg/Kg	05/02/14	EK	SW6010	
Mercury	0.08	0.07	mg/Kg	05/02/14	RS	SW-7471	
Nickel	110	3.5	mg/Kg	05/02/14	EK	SW6010	
Potassium	3250	52	mg/Kg	05/02/14	EK	SW6010	
Selenium	< 1.4	1.4	mg/Kg	05/02/14	EK	SW6010	
Silver	< 5.0	5.0	mg/Kg	05/02/14	EK	SW6010	
Sodium	670	5.2	mg/Kg	05/02/14	EK	SW6010	
Thallium	< 3.1	3.1	mg/Kg	05/02/14	EK	SW6010	
Vanadium	54.9	0.35	mg/Kg	05/02/14	EK	SW6010	
Zinc	413	3.5	mg/Kg	05/02/14	EK	SW6010	
Percent Solid	87		%	05/01/14	I	E160.3	
Soil Extraction for PCB	Completed			05/01/14	JB	SW3545	
Soil Extraction for Pesticide	Completed			05/01/14	JB/V	SW3545	
Soil Extraction for SVOA	Completed			05/01/14	JJ/F	SW3545	
Mercury Digestion	Completed			05/02/14	I/I	SW7471	

Project ID: 131-3
Client ID: SB-3(2-3)

Phoenix I.D.: BG39586

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/01/14	CB/AG	SW846 - 3050	
Field Extraction	Completed			04/29/14		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	76	ug/Kg	06/06/14	AW	SW 8082	
PCB-1221	ND	76	ug/Kg	06/06/14	AW	SW 8082	
PCB-1232	ND	76	ug/Kg	06/06/14	AW	SW 8082	
PCB-1242	ND	76	ug/Kg	06/06/14	AW	SW 8082	
PCB-1248	ND	76	ug/Kg	06/06/14	AW	SW 8082	
PCB-1254	ND	76	ug/Kg	06/06/14	AW	SW 8082	
PCB-1260	ND	76	ug/Kg	06/06/14	AW	SW 8082	
PCB-1262	ND	76	ug/Kg	06/06/14	AW	SW 8082	
PCB-1268	ND	76	ug/Kg	06/06/14	AW	SW 8082	
QA/QC Surrogates							
% DCBP	90		%	06/06/14	AW	30 - 150 %	
% TCMX	96		%	06/06/14	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	7.3	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDE	11	7.3	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDT	29	7.3	ug/Kg	05/05/14	CE	SW8081	
a-BHC	ND	3.6	ug/Kg	05/05/14	CE	SW8081	
Alachlor	ND	3.6	ug/Kg	05/05/14	CE	SW8081	1
Aldrin	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
b-BHC	ND	3.6	ug/Kg	05/05/14	CE	SW8081	
Chlordane	ND	11	ug/Kg	05/05/14	CE	SW8081	
d-BHC	ND	3.6	ug/Kg	05/05/14	CE	SW8081	
Dieldrin	ND	1.4	ug/Kg	05/05/14	CE	SW8081	
Endosulfan I	ND	3.6	ug/Kg	05/05/14	CE	SW8081	
Endosulfan II	ND	7.3	ug/Kg	05/05/14	CE	SW8081	
Endosulfan sulfate	ND	7.3	ug/Kg	05/05/14	CE	SW8081	
Endrin	ND	7.3	ug/Kg	05/05/14	CE	SW8081	
Endrin aldehyde	ND	7.3	ug/Kg	05/05/14	CE	SW8081	
Endrin ketone	ND	7.3	ug/Kg	05/05/14	CE	SW8081	
g-BHC	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
Heptachlor	ND	2.3	ug/Kg	05/05/14	CE	SW8081	
Heptachlor epoxide	ND	3.6	ug/Kg	05/05/14	CE	SW8081	
Methoxychlor	ND	36	ug/Kg	05/05/14	CE	SW8081	
Toxaphene	ND	190	ug/Kg	05/05/14	CE	SW8081	
QA/QC Surrogates							
% DCBP	93		%	05/05/14	CE	30 - 150 %	
% TCMX	90		%	05/05/14	CE	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,1,1-Trichloroethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.7	ug/Kg	05/03/14	JLI	SW8260	
1,1,2-Trichloroethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-3(2-3)

Phoenix I.D.: BG39586

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trimethylbenzene	8.9	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromoethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloroethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloropropane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,3,5-Trimethylbenzene	8.3	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichloropropane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
2,2-Dichloropropane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
2-Chlorotoluene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
2-Hexanone	ND	31	ug/Kg	05/03/14	JLI	SW8260	
2-Isopropyltoluene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	1
4-Chlorotoluene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	31	ug/Kg	05/03/14	JLI	SW8260	
Acetone	ND	37	ug/Kg	05/03/14	JLI	SW8260	
Acrylonitrile	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Benzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Bromobenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Bromochloromethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Bromodichloromethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Bromoform	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Bromomethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Carbon Disulfide	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Carbon tetrachloride	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Chlorobenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Chloroethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Chloroform	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Chloromethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Dibromochloromethane	ND	3.7	ug/Kg	05/03/14	JLI	SW8260	
Dibromomethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Dichlorodifluoromethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Ethylbenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Hexachlorobutadiene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Isopropylbenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
m&p-Xylene	10	6.1	ug/Kg	05/03/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	37	ug/Kg	05/03/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	12	ug/Kg	05/03/14	JLI	SW8260	
Methylene chloride	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Naphthalene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
n-Butylbenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
n-Propylbenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-3(2-3)

Phoenix I.D.: BG39586

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
p-Isopropyltoluene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
sec-Butylbenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Styrene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
tert-Butylbenzene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Tetrachloroethene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	12	ug/Kg	05/03/14	JLI	SW8260	1
Toluene	14	6.1	ug/Kg	05/03/14	JLI	SW8260	
Total Xylenes	10	6.1	ug/Kg	05/03/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	12	ug/Kg	05/03/14	JLI	SW8260	
Trichloroethene	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Trichlorofluoromethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
Vinyl chloride	ND	6.1	ug/Kg	05/03/14	JLI	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	96		%	05/03/14	JLI	70 - 130 %	
% Bromofluorobenzene	99		%	05/03/14	JLI	70 - 130 %	
% Dibromofluoromethane	58		%	05/03/14	JLI	70 - 130 %	3
% Toluene-d8	97		%	05/03/14	JLI	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	760	ug/Kg	05/03/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dichlorophenol	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dimethylphenol	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2-Chloronaphthalene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2-Chlorophenol	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2-Methylnaphthalene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	530	ug/Kg	05/03/14	DD	SW 8270	
2-Nitroaniline	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
2-Nitrophenol	ND	530	ug/Kg	05/03/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	760	ug/Kg	05/03/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	530	ug/Kg	05/03/14	DD	SW 8270	
3-Nitroaniline	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2200	ug/Kg	05/03/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	760	ug/Kg	05/03/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	530	ug/Kg	05/03/14	DD	SW 8270	
4-Chloroaniline	ND	530	ug/Kg	05/03/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	530	ug/Kg	05/03/14	DD	SW 8270	

Project ID: 131-3
Client ID: SB-3(2-3)

Phoenix I.D.: BG39586

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
4-Nitrophenol	ND	2200	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthylene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Acetophenone	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Aniline	ND	2200	ug/Kg	05/03/14	DD	SW 8270	
Anthracene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Benz(a)anthracene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Benzidine	ND	920	ug/Kg	05/03/14	DD	SW 8270	
Benzo(a)pyrene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Benzo(ghi)perylene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Benzoic acid	ND	2200	ug/Kg	05/03/14	DD	SW 8270	1
Benzyl butyl phthalate	620	530	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	760	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	530	ug/Kg	05/03/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	710	530	ug/Kg	05/03/14	DD	SW 8270	
Carbazole	ND	1100	ug/Kg	05/03/14	DD	SW 8270	
Chrysene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Dibenzofuran	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Diethyl phthalate	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Dimethylphthalate	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Di-n-butylphthalate	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Di-n-octylphthalate	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Fluoranthene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Fluorene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobenzene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobutadiene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Hexachloroethane	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Isophorone	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Naphthalene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Nitrobenzene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	760	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	530	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	760	ug/Kg	05/03/14	DD	SW 8270	
Pentachloronitrobenzene	ND	760	ug/Kg	05/03/14	DD	SW 8270	
Pentachlorophenol	ND	760	ug/Kg	05/03/14	DD	SW 8270	
Phenanthrene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Phenol	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Pyrene	ND	530	ug/Kg	05/03/14	DD	SW 8270	
Pyridine	ND	760	ug/Kg	05/03/14	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	45		%	05/03/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	51		%	05/03/14	DD	30 - 130 %	

Project ID: 131-3
Client ID: SB-3(2-3)

Phoenix I.D.: BG39586

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorophenol	58		%	05/03/14	DD	30 - 130 %
% Nitrobenzene-d5	45		%	05/03/14	DD	30 - 130 %
% Phenol-d5	45		%	05/03/14	DD	30 - 130 %
% Terphenyl-d14	66		%	05/03/14	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.
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.

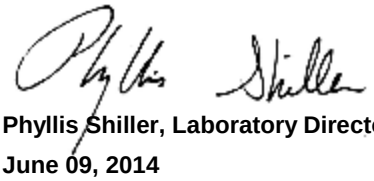
Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

Volatile Comment:
Poor surrogate recovery was observed for volatiles due to matrix interference. Sample was analyzed twice with similar results.

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.



Phyllis Shiller, Laboratory Director
June 09, 2014
Reviewed and Released by: Sarah Bell, Project Manager

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

NY # 11301

Analysis Report

June 09, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/29/14	12:15
Location Code:	ESPL	Received by:	LPB	05/01/14	16:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG39584
Phoenix ID: BG39587

Project ID: 131-3
Client ID: SB-4 (2-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Aluminum	19200	49	mg/Kg	05/02/14	EK	SW6010	
Antimony	< 3.2	3.2	mg/Kg	05/02/14	EK	SW6010	
Arsenic	< 0.6	0.6	mg/Kg	05/02/14	LK	SW6010	
Barium	271	0.32	mg/Kg	05/02/14	EK	SW6010	
Beryllium	0.42	0.26	mg/Kg	05/02/14	EK	SW6010	
Calcium	21600	49	mg/Kg	05/02/14	EK	SW6010	
Cadmium	< 0.32	0.32	mg/Kg	05/02/14	EK	SW6010	
Chromium	34.5	0.32	mg/Kg	05/02/14	EK	SW6010	
Cobalt	24.0	0.32	mg/Kg	05/02/14	EK	SW6010	
Copper	6.25	0.32	mg/kg	05/02/14	EK	SW6010	
Iron	40700	49	mg/Kg	05/02/14	EK	SW6010	B
Lead	8.38	0.32	mg/Kg	05/02/14	EK	SW6010	
Magnesium	11200	49	mg/Kg	05/02/14	EK	SW6010	
Manganese	288	3.2	mg/Kg	05/02/14	EK	SW6010	
Mercury	0.08	0.07	mg/Kg	05/02/14	RS	SW-7471	
Nickel	35.0	0.32	mg/Kg	05/02/14	EK	SW6010	
Potassium	12700	49	mg/Kg	05/02/14	EK	SW6010	
Selenium	< 1.3	1.3	mg/Kg	05/02/14	EK	SW6010	
Silver	< 5.0	5.0	mg/Kg	05/02/14	EK	SW6010	
Sodium	312	4.9	mg/Kg	05/02/14	EK	SW6010	
Thallium	< 2.9	2.9	mg/Kg	05/02/14	LK	SW6010	
Vanadium	56.6	0.32	mg/Kg	05/02/14	EK	SW6010	
Zinc	110	3.2	mg/Kg	05/02/14	EK	SW6010	
Percent Solid	92		%	05/01/14	I	E160.3	
Soil Extraction for PCB	Completed			05/01/14	BB	SW3545	
Soil Extraction for Pesticide	Completed			05/01/14	BB/V	SW3545	
Soil Extraction for SVOA	Completed			05/01/14	JJ/F	SW3545	
Mercury Digestion	Completed			05/02/14	I/I	SW7471	

Project ID: 131-3
Client ID: SB-4 (2-3)

Phoenix I.D.: BG39587

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/01/14	CB/AG	SW846 - 3050	
Field Extraction	Completed			04/29/14		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	71	ug/Kg	06/06/14	AW	SW 8082	
PCB-1221	ND	71	ug/Kg	06/06/14	AW	SW 8082	
PCB-1232	ND	71	ug/Kg	06/06/14	AW	SW 8082	
PCB-1242	ND	71	ug/Kg	06/06/14	AW	SW 8082	
PCB-1248	ND	71	ug/Kg	06/06/14	AW	SW 8082	
PCB-1254	ND	71	ug/Kg	06/06/14	AW	SW 8082	
PCB-1260	ND	71	ug/Kg	06/06/14	AW	SW 8082	
PCB-1262	ND	71	ug/Kg	06/06/14	AW	SW 8082	
PCB-1268	ND	71	ug/Kg	06/06/14	AW	SW 8082	
QA/QC Surrogates							
% DCBP	99		%	06/06/14	AW	30 - 150 %	
% TCMX	106		%	06/06/14	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	6.8	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDE	ND	6.8	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDT	ND	6.8	ug/Kg	05/05/14	CE	SW8081	
a-BHC	ND	3.4	ug/Kg	05/05/14	CE	SW8081	
Alachlor	ND	3.4	ug/Kg	05/05/14	CE	SW8081	1
Aldrin	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
b-BHC	ND	3.4	ug/Kg	05/05/14	CE	SW8081	
Chlordane	ND	11	ug/Kg	05/05/14	CE	SW8081	
d-BHC	ND	3.4	ug/Kg	05/05/14	CE	SW8081	
Dieldrin	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
Endosulfan I	ND	3.4	ug/Kg	05/05/14	CE	SW8081	
Endosulfan II	ND	6.8	ug/Kg	05/05/14	CE	SW8081	
Endosulfan sulfate	ND	6.8	ug/Kg	05/05/14	CE	SW8081	
Endrin	ND	6.8	ug/Kg	05/05/14	CE	SW8081	
Endrin aldehyde	ND	6.8	ug/Kg	05/05/14	CE	SW8081	
Endrin ketone	ND	6.8	ug/Kg	05/05/14	CE	SW8081	
g-BHC	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
Heptachlor	ND	2.1	ug/Kg	05/05/14	CE	SW8081	
Heptachlor epoxide	ND	3.4	ug/Kg	05/05/14	CE	SW8081	
Methoxychlor	ND	34	ug/Kg	05/05/14	CE	SW8081	
Toxaphene	ND	180	ug/Kg	05/05/14	CE	SW8081	
QA/QC Surrogates							
% DCBP	99		%	05/05/14	CE	30 - 150 %	
% TCMX	88		%	05/05/14	CE	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,1,1-Trichloroethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND	4.8	ug/Kg	05/03/14	JLI	SW8260	
1,1,2-Trichloroethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-4 (2-3)

Phoenix I.D.: BG39587

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromoethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloroethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloropropane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichloropropane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
2,2-Dichloropropane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
2-Chlorotoluene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
2-Hexanone	ND	40	ug/Kg	05/03/14	JLI	SW8260	
2-Isopropyltoluene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	1
4-Chlorotoluene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	40	ug/Kg	05/03/14	JLI	SW8260	
Acetone	ND	48	ug/Kg	05/03/14	JLI	SW8260	
Acrylonitrile	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Benzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Bromobenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Bromochloromethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Bromodichloromethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Bromoform	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Bromomethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Carbon Disulfide	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Carbon tetrachloride	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Chlorobenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Chloroethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Chloroform	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Chloromethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Dibromochloromethane	ND	4.8	ug/Kg	05/03/14	JLI	SW8260	
Dibromomethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Dichlorodifluoromethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Ethylbenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Hexachlorobutadiene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Isopropylbenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
m&p-Xylene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	48	ug/Kg	05/03/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	16	ug/Kg	05/03/14	JLI	SW8260	
Methylene chloride	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Naphthalene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
n-Butylbenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
n-Propylbenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-4 (2-3)

Phoenix I.D.: BG39587

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
p-Isopropyltoluene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
sec-Butylbenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Styrene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
tert-Butylbenzene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Tetrachloroethene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	16	ug/Kg	05/03/14	JLI	SW8260	1
Toluene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Total Xylenes	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	16	ug/Kg	05/03/14	JLI	SW8260	
Trichloroethene	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Trichlorofluoromethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
Vinyl chloride	ND	8.0	ug/Kg	05/03/14	JLI	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	105		%	05/03/14	JLI	70 - 130 %	
% Bromofluorobenzene	92		%	05/03/14	JLI	70 - 130 %	
% Dibromofluoromethane	82		%	05/03/14	JLI	70 - 130 %	
% Toluene-d8	95		%	05/03/14	JLI	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	360	ug/Kg	05/03/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dichlorophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dimethylphenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrophenol	ND	570	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Chloronaphthalene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Chlorophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Methylnaphthalene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	250	ug/Kg	05/03/14	DD	SW 8270	
2-Nitroaniline	ND	570	ug/Kg	05/03/14	DD	SW 8270	
2-Nitrophenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	360	ug/Kg	05/03/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	250	ug/Kg	05/03/14	DD	SW 8270	
3-Nitroaniline	ND	570	ug/Kg	05/03/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	1000	ug/Kg	05/03/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	360	ug/Kg	05/03/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
4-Chloroaniline	ND	250	ug/Kg	05/03/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	250	ug/Kg	05/03/14	DD	SW 8270	

Project ID: 131-3
Client ID: SB-4 (2-3)

Phoenix I.D.: BG39587

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	570	ug/Kg	05/03/14	DD	SW 8270	
4-Nitrophenol	ND	1000	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthylene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Acetophenone	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Aniline	ND	1000	ug/Kg	05/03/14	DD	SW 8270	
Anthracene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benz(a)anthracene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzidine	ND	430	ug/Kg	05/03/14	DD	SW 8270	
Benzo(a)pyrene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzo(ghi)perylene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Benzoic acid	ND	1000	ug/Kg	05/03/14	DD	SW 8270	1
Benzyl butyl phthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	360	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	250	ug/Kg	05/03/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Carbazole	ND	540	ug/Kg	05/03/14	DD	SW 8270	
Chrysene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Dibenzofuran	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Diethyl phthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Dimethylphthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Di-n-butylphthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Di-n-octylphthalate	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Fluoranthene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Fluorene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobutadiene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Hexachloroethane	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Isophorone	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Naphthalene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Nitrobenzene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	360	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	250	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	360	ug/Kg	05/03/14	DD	SW 8270	
Pentachloronitrobenzene	ND	360	ug/Kg	05/03/14	DD	SW 8270	
Pentachlorophenol	ND	360	ug/Kg	05/03/14	DD	SW 8270	
Phenanthrene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Phenol	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Pyrene	ND	250	ug/Kg	05/03/14	DD	SW 8270	
Pyridine	ND	360	ug/Kg	05/03/14	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	74		%	05/03/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	69		%	05/03/14	DD	30 - 130 %	

Project ID: 131-3
Client ID: SB-4 (2-3)

Phoenix I.D.: BG39587

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorophenol	59		%	05/03/14	DD	30 - 130 %
% Nitrobenzene-d5	62		%	05/03/14	DD	30 - 130 %
% Phenol-d5	58		%	05/03/14	DD	30 - 130 %
% Terphenyl-d14	86		%	05/03/14	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.
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.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
June 09, 2014
Reviewed and Released by: Sarah Bell, Project Manager

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

NY # 11301

Analysis Report

June 09, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	SOIL	Collected by:		04/29/14	14:30
Location Code:	ESPL	Received by:	LPB	05/01/14	16:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG39584
Phoenix ID: BG39588

Project ID: 131-3
Client ID: SB-5 (2-3)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Aluminum	12400	58	mg/Kg	05/02/14	EK	SW6010	
Antimony	< 3.9	3.9	mg/Kg	05/02/14	EK	SW6010	
Arsenic	2.8	0.8	mg/Kg	05/02/14	EK	SW6010	
Barium	149	0.39	mg/Kg	05/02/14	EK	SW6010	
Beryllium	0.38	0.31	mg/Kg	05/02/14	EK	SW6010	
Calcium	35200	58	mg/Kg	05/02/14	EK	SW6010	
Cadmium	1.02	0.39	mg/Kg	05/02/14	EK	SW6010	
Chromium	35.0	0.39	mg/Kg	05/02/14	EK	SW6010	
Cobalt	11.5	0.39	mg/Kg	05/02/14	EK	SW6010	
Copper	121	3.9	mg/kg	05/02/14	EK	SW6010	
Iron	25600	58	mg/Kg	05/02/14	EK	SW6010	B
Lead	176	3.9	mg/Kg	05/02/14	EK	SW6010	
Magnesium	15500	58	mg/Kg	05/02/14	EK	SW6010	
Manganese	325	3.9	mg/Kg	05/02/14	EK	SW6010	
Mercury	0.40	0.09	mg/Kg	05/02/14	RS	SW-7471	
Nickel	36.9	0.39	mg/Kg	05/02/14	EK	SW6010	
Potassium	4580	58	mg/Kg	05/02/14	EK	SW6010	
Selenium	< 1.5	1.5	mg/Kg	05/02/14	EK	SW6010	
Silver	< 5.0	5.0	mg/Kg	05/02/14	EK	SW6010	
Sodium	485	5.8	mg/Kg	05/02/14	EK	SW6010	
Thallium	< 3.5	3.5	mg/Kg	05/02/14	EK	SW6010	
Vanadium	37.4	0.39	mg/Kg	05/02/14	EK	SW6010	
Zinc	457	3.9	mg/Kg	05/02/14	EK	SW6010	
Percent Solid	91		%	05/01/14	I	E160.3	
Soil Extraction for PCB	Completed			05/01/14	BB	SW3545	
Soil Extraction for Pesticide	Completed			05/01/14	BB/V	SW3545	
Soil Extraction for SVOA	Completed			05/01/14	JJ/F	SW3545	
Mercury Digestion	Completed			05/02/14	I/I	SW7471	

Project ID: 131-3
Client ID: SB-5 (2-3)

Phoenix I.D.: BG39588

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Total Metals Digest	Completed			05/01/14	CB/AG	SW846 - 3050	
Field Extraction	Completed			04/29/14		SW5035	
Polychlorinated Biphenyls							
PCB-1016	ND	72	ug/Kg	06/06/14	AW	SW 8082	
PCB-1221	ND	72	ug/Kg	06/06/14	AW	SW 8082	
PCB-1232	ND	72	ug/Kg	06/06/14	AW	SW 8082	
PCB-1242	ND	72	ug/Kg	06/06/14	AW	SW 8082	
PCB-1248	ND	72	ug/Kg	06/06/14	AW	SW 8082	
PCB-1254	ND	72	ug/Kg	06/06/14	AW	SW 8082	
PCB-1260	ND	72	ug/Kg	06/06/14	AW	SW 8082	
PCB-1262	ND	72	ug/Kg	06/06/14	AW	SW 8082	
PCB-1268	ND	72	ug/Kg	06/06/14	AW	SW 8082	
QA/QC Surrogates							
% DCBP	94		%	06/06/14	AW	30 - 150 %	
% TCMX	97		%	06/06/14	AW	30 - 150 %	
Pesticides							
4,4' -DDD	ND	6.9	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDE	ND	6.9	ug/Kg	05/05/14	CE	SW8081	
4,4' -DDT	ND	6.9	ug/Kg	05/05/14	CE	SW8081	
a-BHC	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Alachlor	ND	3.5	ug/Kg	05/05/14	CE	SW8081	1
Aldrin	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
b-BHC	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Chlordane	ND	11	ug/Kg	05/05/14	CE	SW8081	
d-BHC	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Dieldrin	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
Endosulfan I	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Endosulfan II	ND	6.9	ug/Kg	05/05/14	CE	SW8081	
Endosulfan sulfate	ND	6.9	ug/Kg	05/05/14	CE	SW8081	
Endrin	ND	6.9	ug/Kg	05/05/14	CE	SW8081	
Endrin aldehyde	ND	6.9	ug/Kg	05/05/14	CE	SW8081	
Endrin ketone	ND	6.9	ug/Kg	05/05/14	CE	SW8081	
g-BHC	ND	1.1	ug/Kg	05/05/14	CE	SW8081	
Heptachlor	ND	2.2	ug/Kg	05/05/14	CE	SW8081	
Heptachlor epoxide	ND	3.5	ug/Kg	05/05/14	CE	SW8081	
Methoxychlor	ND	35	ug/Kg	05/05/14	CE	SW8081	
Toxaphene	ND	180	ug/Kg	05/05/14	CE	SW8081	
QA/QC Surrogates							
% DCBP	88		%	05/05/14	CE	30 - 150 %	
% TCMX	82		%	05/05/14	CE	30 - 150 %	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,1,1-Trichloroethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,1,2,2-Tetrachloroethane	ND	3.8	ug/Kg	05/03/14	JLI	SW8260	
1,1,2-Trichloroethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,1-Dichloroethene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-5 (2-3)

Phoenix I.D.: BG39588

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
1,1-Dichloropropene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichlorobenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,2,3-Trichloropropane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trichlorobenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,2,4-Trimethylbenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromo-3-chloropropane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dibromoethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichlorobenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloroethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,2-Dichloropropane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,3,5-Trimethylbenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichlorobenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,3-Dichloropropane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
1,4-Dichlorobenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
2,2-Dichloropropane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
2-Chlorotoluene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
2-Hexanone	ND	32	ug/Kg	05/03/14	JLI	SW8260	
2-Isopropyltoluene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	1
4-Chlorotoluene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
4-Methyl-2-pentanone	ND	32	ug/Kg	05/03/14	JLI	SW8260	
Acetone	ND	38	ug/Kg	05/03/14	JLI	SW8260	
Acrylonitrile	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Benzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Bromobenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Bromochloromethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Bromodichloromethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Bromoform	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Bromomethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Carbon Disulfide	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Carbon tetrachloride	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Chlorobenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Chloroethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Chloroform	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Chloromethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
cis-1,2-Dichloroethene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
cis-1,3-Dichloropropene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Dibromochloromethane	ND	3.8	ug/Kg	05/03/14	JLI	SW8260	
Dibromomethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Dichlorodifluoromethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Ethylbenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Hexachlorobutadiene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Isopropylbenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
m&p-Xylene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Methyl Ethyl Ketone	ND	38	ug/Kg	05/03/14	JLI	SW8260	
Methyl t-butyl ether (MTBE)	ND	13	ug/Kg	05/03/14	JLI	SW8260	
Methylene chloride	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Naphthalene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
n-Butylbenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
n-Propylbenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	

Project ID: 131-3
Client ID: SB-5 (2-3)

Phoenix I.D.: BG39588

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
o-Xylene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
p-Isopropyltoluene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
sec-Butylbenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Styrene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
tert-Butylbenzene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Tetrachloroethene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Tetrahydrofuran (THF)	ND	13	ug/Kg	05/03/14	JLI	SW8260	1
Toluene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Total Xylenes	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
trans-1,2-Dichloroethene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
trans-1,3-Dichloropropene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
trans-1,4-dichloro-2-butene	ND	13	ug/Kg	05/03/14	JLI	SW8260	
Trichloroethene	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Trichlorofluoromethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Trichlorotrifluoroethane	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
Vinyl chloride	ND	6.3	ug/Kg	05/03/14	JLI	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	98		%	05/03/14	JLI	70 - 130 %	
% Bromofluorobenzene	96		%	05/03/14	JLI	70 - 130 %	
% Dibromofluoromethane	97		%	05/03/14	JLI	70 - 130 %	
% Toluene-d8	97		%	05/03/14	JLI	70 - 130 %	
Semivolatiles							
1,2,4,5-Tetrachlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
1,2,4-Trichlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
1,2-Dichlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
1,2-Diphenylhydrazine	ND	720	ug/Kg	05/03/14	DD	SW 8270	
1,3-Dichlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
1,4-Dichlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4,5-Trichlorophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4,6-Trichlorophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dichlorophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dimethylphenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrophenol	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
2,4-Dinitrotoluene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2,6-Dinitrotoluene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Chloronaphthalene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Chlorophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Methylnaphthalene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Methylphenol (o-cresol)	ND	510	ug/Kg	05/03/14	DD	SW 8270	
2-Nitroaniline	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
2-Nitrophenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
3&4-Methylphenol (m&p-cresol)	ND	720	ug/Kg	05/03/14	DD	SW 8270	
3,3'-Dichlorobenzidine	ND	510	ug/Kg	05/03/14	DD	SW 8270	
3-Nitroaniline	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
4,6-Dinitro-2-methylphenol	ND	2100	ug/Kg	05/03/14	DD	SW 8270	
4-Bromophenyl phenyl ether	ND	720	ug/Kg	05/03/14	DD	SW 8270	
4-Chloro-3-methylphenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
4-Chloroaniline	ND	510	ug/Kg	05/03/14	DD	SW 8270	
4-Chlorophenyl phenyl ether	ND	510	ug/Kg	05/03/14	DD	SW 8270	

Project ID: 131-3
Client ID: SB-5 (2-3)

Phoenix I.D.: BG39588

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
4-Nitroaniline	ND	1200	ug/Kg	05/03/14	DD	SW 8270	
4-Nitrophenol	ND	2100	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Acenaphthylene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Acetophenone	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Aniline	ND	2100	ug/Kg	05/03/14	DD	SW 8270	
Anthracene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Benz(a)anthracene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Benzidine	ND	870	ug/Kg	05/03/14	DD	SW 8270	
Benzo(a)pyrene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Benzo(b)fluoranthene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Benzo(ghi)perylene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Benzo(k)fluoranthene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Benzoic acid	ND	2100	ug/Kg	05/03/14	DD	SW 8270	1
Benzyl butyl phthalate	850	510	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethoxy)methane	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroethyl)ether	ND	720	ug/Kg	05/03/14	DD	SW 8270	
Bis(2-chloroisopropyl)ether	ND	510	ug/Kg	05/03/14	DD	SW 8270	1
Bis(2-ethylhexyl)phthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Carbazole	ND	1100	ug/Kg	05/03/14	DD	SW 8270	
Chrysene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Dibenz(a,h)anthracene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Dibenzofuran	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Diethyl phthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Dimethylphthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Di-n-butylphthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Di-n-octylphthalate	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Fluoranthene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Fluorene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorobutadiene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Hexachlorocyclopentadiene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Hexachloroethane	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Indeno(1,2,3-cd)pyrene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Isophorone	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Naphthalene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Nitrobenzene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodimethylamine	ND	720	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodi-n-propylamine	ND	510	ug/Kg	05/03/14	DD	SW 8270	
N-Nitrosodiphenylamine	ND	720	ug/Kg	05/03/14	DD	SW 8270	
Pentachloronitrobenzene	ND	720	ug/Kg	05/03/14	DD	SW 8270	
Pentachlorophenol	ND	720	ug/Kg	05/03/14	DD	SW 8270	
Phenanthrene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Phenol	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Pyrene	ND	510	ug/Kg	05/03/14	DD	SW 8270	
Pyridine	ND	720	ug/Kg	05/03/14	DD	SW 8270	
QA/QC Surrogates							
% 2,4,6-Tribromophenol	70		%	05/03/14	DD	30 - 130 %	
% 2-Fluorobiphenyl	83		%	05/03/14	DD	30 - 130 %	

Project ID: 131-3
Client ID: SB-5 (2-3)

Phoenix I.D.: BG39588

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorophenol	81		%	05/03/14	DD	30 - 130 %
% Nitrobenzene-d5	75		%	05/03/14	DD	30 - 130 %
% Phenol-d5	79		%	05/03/14	DD	30 - 130 %
% Terphenyl-d14	98		%	05/03/14	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.
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:

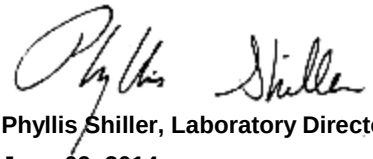
Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Please be advised that the NY unrestricted soil criteria for chromium is based on hexavalent chromium and trivalent chromium.

Semi-Volatile Comment:
Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, a dilution was required resulting in an elevated RL for the semivolatile analysis.

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.



Phyllis Shiller, Laboratory Director
June 09, 2014
Reviewed and Released by: Sarah Bell, Project Manager

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

NY # 11301

QA/QC Report

June 09, 2014

QA/QC Data

SDG I.D.: GBG39584

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 273157, QC Sample No: BG39544 (BG39584, BG39585, BG39586, BG39587, BG39588)													
ICP Metals - Soil													
Aluminum	BRL	10200	9790	4.10	113	115	1.8	NC	NC	NC	75 - 125	30	
Antimony	BRL	1.9	<3.8	NC	107	115	7.2	89.1	85.7	3.9	75 - 125	30	
Arsenic	BRL	3.8	3.83	NC	89.2	93.8	5.0	87.9	87.1	0.9	75 - 125	30	
Barium	BRL	114	149	26.6	106	103	2.9	109	>130	NC	75 - 125	30	m
Beryllium	BRL	0.45	0.42	NC	96.3	102	5.7	94.5	93.5	1.1	75 - 125	30	
Cadmium	BRL	0.86	1.05	NC	89.6	94.9	5.7	89.6	88.2	1.6	75 - 125	30	
Calcium	BRL	5580	4190	28.5	99.3	101	1.7	NC	NC	NC	75 - 125	30	
Chromium	BRL	19.3	19.0	1.60	96.2	104	7.8	96.4	96.3	0.1	75 - 125	30	
Cobalt	BRL	6.45	6.14	4.90	94.3	101	6.9	92.5	92.0	0.5	75 - 125	30	
Copper	BRL	42.4	48.5	13.4	100	108	7.7	108	110	1.8	75 - 125	30	
Iron	6.5	18200	19600	7.40	109	114	4.5	NC	NC	NC	75 - 125	30	
Lead	BRL	204	201	1.50	88.5	94.1	6.1	88.5	>130	NC	75 - 125	30	m
Magnesium	BRL	2450	2040	18.3	98.6	104	5.3	NC	NC	NC	75 - 125	30	
Manganese	BRL	319	314	1.60	98.4	104	5.5	123	130	5.5	75 - 125	30	m
Nickel	BRL	13.8	14.1	2.20	93.5	100	6.7	91.2	90.4	0.9	75 - 125	30	
Potassium	BRL	1320	1210	8.70	118	124	5.0	>130	>130	NC	75 - 125	30	m
Selenium	BRL	<1.5	<1.5	NC	79.7	82.0	2.8	77.1	76.2	1.2	75 - 125	30	
Silver	BRL	<0.38	<0.38	NC	91.8	97.5	6.0	96.2	95.2	1.0	75 - 125	30	
Sodium	BRL	326	288	12.4	116	120	3.4	>130	>130	NC	75 - 125	30	m
Thallium	BRL	<1.5	<1.5	NC	89.4	95.6	6.7	90.1	88.4	1.9	75 - 125	30	
Vanadium	BRL	26.3	29.3	10.8	100	106	5.8	99.6	99.2	0.4	75 - 125	30	
Zinc	BRL	166	241	36.9	88.3	93.5	5.7	115	95.6	18.4	75 - 125	30	r
QA/QC Batch 273200, QC Sample No: BG39544 (BG39584, BG39585, BG39586, BG39587, BG39588)													
Mercury - Soil	BRL	0.19	0.30	NC	110	111	0.9	114	>125	NC	70 - 130	30	m

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.

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

NY # 11301

QA/QC Report

June 09, 2014

QA/QC Data

SDG I.D.: GBG39584

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 273140, QC Sample No: BG30367 (BG39584, BG39585, BG39586, BG39587, BG39588)									
Pesticides - Soil									
4,4' -DDD	ND	56			92	95	3.2	40 - 140	30
4,4' -DDE	ND	89			96	99	3.1	40 - 140	30
4,4' -DDT	ND	87			94	98	4.2	40 - 140	30
a-BHC	ND	82			95	94	1.1	40 - 140	30
a-Chlordane	ND	83			97	97	0.0	40 - 140	30
Alachlor	ND	NA			NA	NA	NC	40 - 140	30
Aldrin	ND	79			84	87	3.5	40 - 140	30
b-BHC	ND	85			100	98	2.0	40 - 140	30
Chlordane	ND	83			92	94	2.2	40 - 140	30
d-BHC	ND	67			79	78	1.3	40 - 140	30
Dieldrin	ND	86			96	97	1.0	40 - 140	30
Endosulfan I	ND	82			92	94	2.2	40 - 140	30
Endosulfan II	ND	94			103	106	2.9	40 - 140	30
Endosulfan sulfate	ND	59			73	75	2.7	40 - 140	30
Endrin	ND	86			97	97	0.0	40 - 140	30
Endrin aldehyde	ND	48			80	82	2.5	40 - 140	30
Endrin ketone	ND	79			92	93	1.1	40 - 140	30
g-BHC	ND	80			94	93	1.1	40 - 140	30
g-Chlordane	ND	83			92	94	2.2	40 - 140	30
Heptachlor	ND	79			88	92	4.4	40 - 140	30
Heptachlor epoxide	ND	85			96	96	0.0	40 - 140	30
Methoxychlor	ND	91			102	106	3.8	40 - 140	30
Toxaphene	ND	NA			NA	NA	NC	40 - 140	30
% DCBP	95	94			97	94	3.1	30 - 150	30
% TCMX	86	87			89	86	3.4	30 - 150	30

Comment:

Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported in the LCS, MS and MSD.

QA/QC Batch 273139, QC Sample No: BG30367 (BG39587, BG39588)									
Polychlorinated Biphenyls - Soil									
PCB-1016	ND	92	85	7.9	98	82	17.8	40 - 140	30
PCB-1221	ND							40 - 140	30
PCB-1232	ND							40 - 140	30
PCB-1242	ND							40 - 140	30
PCB-1248	ND							40 - 140	30
PCB-1254	ND							40 - 140	30
PCB-1260	ND	88	81	8.3	94	79	17.3	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	92	99	91	8.4	110	93	16.7	30 - 150	30
% TCMX (Surrogate Rec)	75	93	86	7.8	100	82	19.8	30 - 150	30

QA/QC Data

SDG I.D.: GBG39584

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 273433, QC Sample No: BG36956 (BG39586)										
Volatiles - Soil										
1,1,1,2-Tetrachloroethane	ND	109	112	2.7	101	104	2.9	70 - 130	30	
1,1,1-Trichloroethane	ND	112	104	7.4	100	98	2.0	70 - 130	30	
1,1,2,2-Tetrachloroethane	ND	113	107	5.5	91	98	7.4	70 - 130	30	
1,1,2-Trichloroethane	ND	115	112	2.6	95	96	1.0	70 - 130	30	
1,1-Dichloroethane	ND	117	109	7.1	103	102	1.0	70 - 130	30	
1,1-Dichloroethene	ND	114	106	7.3	95	95	0.0	70 - 130	30	
1,1-Dichloropropene	ND	111	106	4.6	100	106	5.8	70 - 130	30	
1,2,3-Trichlorobenzene	ND	113	111	1.8	92	99	7.3	70 - 130	30	
1,2,3-Trichloropropane	ND	113	107	5.5	87	98	11.9	70 - 130	30	
1,2,4-Trichlorobenzene	ND	106	105	0.9	92	95	3.2	70 - 130	30	
1,2,4-Trimethylbenzene	ND	118	116	1.7	105	112	6.5	70 - 130	30	
1,2-Dibromo-3-chloropropane	ND	118	109	7.9	73	81	10.4	70 - 130	30	
1,2-Dibromoethane	ND	114	109	4.5	90	96	6.5	70 - 130	30	
1,2-Dichlorobenzene	ND	109	106	2.8	102	105	2.9	70 - 130	30	
1,2-Dichloroethane	ND	108	106	1.9	92	96	4.3	70 - 130	30	
1,2-Dichloropropane	ND	118	113	4.3	105	110	4.7	70 - 130	30	
1,3,5-Trimethylbenzene	ND	114	112	1.8	108	111	2.7	70 - 130	30	
1,3-Dichlorobenzene	ND	108	107	0.9	101	106	4.8	70 - 130	30	
1,3-Dichloropropane	ND	113	113	0.0	98	101	3.0	70 - 130	30	
1,4-Dichlorobenzene	ND	109	106	2.8	100	106	5.8	70 - 130	30	
2,2-Dichloropropane	ND	115	104	10.0	92	92	0.0	70 - 130	30	
2-Chlorotoluene	ND	114	108	5.4	104	109	4.7	70 - 130	30	
2-Hexanone	ND	126	119	5.7	60	67	11.0	70 - 130	30	m
2-Isopropyltoluene	ND	113	113	0.0	109	115	5.4	70 - 130	30	
4-Chlorotoluene	ND	116	114	1.7	106	108	1.9	70 - 130	30	
4-Methyl-2-pentanone	ND	115	106	8.1	76	84	10.0	70 - 130	30	
Acetone	ND	150	131	13.5	48	53	9.9	70 - 130	30	l,m
Acrylonitrile	ND	117	99	16.7	78	84	7.4	70 - 130	30	
Benzene	ND	113	110	2.7	104	107	2.8	70 - 130	30	
Bromobenzene	ND	113	113	0.0	106	108	1.9	70 - 130	30	
Bromochloromethane	ND	110	104	5.6	98	96	2.1	70 - 130	30	
Bromodichloromethane	ND	109	106	2.8	97	101	4.0	70 - 130	30	
Bromoform	ND	114	109	4.5	80	83	3.7	70 - 130	30	
Bromomethane	ND	95	85	11.1	83	72	14.2	70 - 130	30	
Carbon Disulfide	ND	107	97	9.8	82	82	0.0	70 - 130	30	
Carbon tetrachloride	ND	114	111	2.7	99	87	12.9	70 - 130	30	
Chlorobenzene	ND	113	111	1.8	107	108	0.9	70 - 130	30	
Chloroethane	ND	108	98	9.7	102	96	6.1	70 - 130	30	
Chloroform	ND	110	102	7.5	102	102	0.0	70 - 130	30	
Chloromethane	ND	106	95	10.9	91	89	2.2	70 - 130	30	
cis-1,2-Dichloroethene	ND	117	106	9.9	104	104	0.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	116	113	2.6	97	100	3.0	70 - 130	30	
Dibromochloromethane	ND	114	115	0.9	90	95	5.4	70 - 130	30	
Dibromomethane	ND	113	106	6.4	92	97	5.3	70 - 130	30	
Dichlorodifluoromethane	ND	88	79	10.8	75	75	0.0	70 - 130	30	
Ethylbenzene	ND	113	108	4.5	106	111	4.6	70 - 130	30	
Hexachlorobutadiene	ND	112	110	1.8	104	110	5.6	70 - 130	30	
Isopropylbenzene	ND	117	117	0.0	110	111	0.9	70 - 130	30	
m&p-Xylene	ND	113	110	2.7	106	108	1.9	70 - 130	30	
Methyl ethyl ketone	ND	133	114	15.4	59	59	0.0	70 - 130	30	l,m

QA/QC Data

SDG I.D.: GBG39584

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Methyl t-butyl ether (MTBE)	ND	109	103	5.7	89	95	6.5	70 - 130	30
Methylene chloride	ND	102	97	5.0	89	88	1.1	70 - 130	30
Naphthalene	ND	118	117	0.9	78	89	13.2	70 - 130	30
n-Butylbenzene	ND	122	118	3.3	106	112	5.5	70 - 130	30
n-Propylbenzene	ND	125	121	3.3	109	113	3.6	70 - 130	30
o-Xylene	ND	117	116	0.9	108	110	1.8	70 - 130	30
p-Isopropyltoluene	ND	120	116	3.4	108	114	5.4	70 - 130	30
sec-Butylbenzene	ND	114	113	0.9	107	114	6.3	70 - 130	30
Styrene	ND	115	113	1.8	105	108	2.8	70 - 130	30
tert-Butylbenzene	ND	118	114	3.4	109	115	5.4	70 - 130	30
Tetrachloroethene	ND	116	113	2.6	104	105	1.0	70 - 130	30
Tetrahydrofuran (THF)	ND	114	101	12.1	83	84	1.2	70 - 130	30
Toluene	ND	115	111	3.5	105	110	4.7	70 - 130	30
trans-1,2-Dichloroethene	ND	117	105	10.8	104	101	2.9	70 - 130	30
trans-1,3-Dichloropropene	ND	111	108	2.7	91	96	5.3	70 - 130	30
trans-1,4-dichloro-2-butene	ND	130	123	5.5	83	86	3.6	70 - 130	30
Trichloroethene	ND	114	111	2.7	103	106	2.9	70 - 130	30
Trichlorofluoromethane	ND	105	96	9.0	94	86	8.9	70 - 130	30
Trichlorotrifluoroethane	ND	115	105	9.1	102	101	1.0	70 - 130	30
Vinyl chloride	ND	109	101	7.6	97	98	1.0	70 - 130	30
% 1,2-dichlorobenzene-d4	99	101	100	1.0	99	101	2.0	70 - 130	30
% Bromofluorobenzene	98	100	101	1.0	99	101	2.0	70 - 130	30
% Dibromofluoromethane	96	100	97	3.0	90	93	3.3	70 - 130	30
% Toluene-d8	97	100	101	1.0	101	101	0.0	70 - 130	30

Comment:

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

QA/QC Batch 273030, QC Sample No: BG39083 (BG39584, BG39585, BG39586)

Polychlorinated Biphenyls - Soil

PCB-1016	ND	84	85	1.2	78	80	2.5	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	84	86	2.4	119	110	7.9	40 - 140	30
PCB-1262	ND							40 - 140	30
PCB-1268	ND							40 - 140	30
% DCBP (Surrogate Rec)	64	62	63	1.6	65	66	1.5	30 - 150	30
% TCMX (Surrogate Rec)	86	89	90	1.1	76	83	8.8	30 - 150	30

QA/QC Batch 273151, QC Sample No: BG39547 (BG39584, BG39585, BG39586, BG39587, BG39588)

Semivolatiles - Soil

1,2,4,5-Tetrachlorobenzene	ND	78	78	0.0	84	84	0.0	30 - 130	30
1,2,4-Trichlorobenzene	ND	77	77	0.0	83	83	0.0	30 - 130	30
1,2-Dichlorobenzene	ND	78	78	0.0	83	83	0.0	30 - 130	30
1,2-Diphenylhydrazine	ND	82	82	0.0	91	90	1.1	30 - 130	30
1,3-Dichlorobenzene	ND	78	79	1.3	83	83	0.0	30 - 130	30
1,4-Dichlorobenzene	ND	77	77	0.0	83	82	1.2	30 - 130	30
2,4,5-Trichlorophenol	ND	84	82	2.4	95	96	1.0	30 - 130	30
2,4,6-Trichlorophenol	ND	80	79	1.3	92	94	2.2	30 - 130	30
2,4-Dichlorophenol	ND	83	83	0.0	90	93	3.3	30 - 130	30
2,4-Dimethylphenol	ND	50	49	2.0	55	55	0.0	30 - 130	30

QA/QC Data

SDG I.D.: GBG39584

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
2,4-Dinitrophenol	ND	<10	<10	NC	<5	<5	NC	30 - 130	30	l,m
2,4-Dinitrotoluene	ND	82	83	1.2	91	91	0.0	30 - 130	30	
2,6-Dinitrotoluene	ND	85	86	1.2	93	95	2.1	30 - 130	30	
2-Chloronaphthalene	ND	86	88	2.3	93	95	2.1	30 - 130	30	
2-Chlorophenol	ND	83	82	1.2	89	89	0.0	30 - 130	30	
2-Methylnaphthalene	ND	81	81	0.0	88	88	0.0	30 - 130	30	
2-Methylphenol (o-cresol)	ND	76	77	1.3	82	82	0.0	30 - 130	30	
2-Nitroaniline	ND	108	110	1.8	125	107	15.5	30 - 130	30	
2-Nitrophenol	ND	69	68	1.5	77	79	2.6	30 - 130	30	
3&4-Methylphenol (m&p-cresol)	ND	79	77	2.6	85	86	1.2	30 - 130	30	
3,3'-Dichlorobenzidine	ND	>200	>200	NC	>150	>150	NC	30 - 130	30	l,m
3-Nitroaniline	ND	100	101	1.0	113	106	6.4	30 - 130	30	
4,6-Dinitro-2-methylphenol	ND	28	28	0.0	63	54	15.4	30 - 130	30	l
4-Bromophenyl phenyl ether	ND	87	85	2.3	94	97	3.1	30 - 130	30	
4-Chloro-3-methylphenol	ND	84	84	0.0	92	92	0.0	30 - 130	30	
4-Chloroaniline	ND	62	64	3.2	66	64	3.1	30 - 130	30	
4-Chlorophenyl phenyl ether	ND	81	82	1.2	89	89	0.0	30 - 130	30	
4-Nitroaniline	ND	87	86	1.2	94	94	0.0	30 - 130	30	
4-Nitrophenol	ND	72	72	0.0	82	73	11.6	30 - 130	30	
Acenaphthene	ND	75	76	1.3	83	83	0.0	30 - 130	30	
Acenaphthylene	ND	83	83	0.0	90	91	1.1	30 - 130	30	
Acetophenone	ND	80	80	0.0	87	87	0.0	30 - 130	30	
Aniline	ND	78	78	0.0	82	82	0.0	30 - 130	30	
Anthracene	ND	86	86	0.0	96	95	1.0	30 - 130	30	
Benz(a)anthracene	ND	87	88	1.1	98	100	2.0	30 - 130	30	
Benzidine	ND	>200	>200	NC	>150	>150	NC	30 - 130	30	l,m
Benzo(a)pyrene	ND	80	81	1.2	90	90	0.0	30 - 130	30	
Benzo(b)fluoranthene	ND	91	94	3.2	105	109	3.7	30 - 130	30	
Benzo(ghi)perylene	ND	73	81	10.4	96	84	13.3	30 - 130	30	
Benzo(k)fluoranthene	ND	90	86	4.5	96	99	3.1	30 - 130	30	
Benzyl butyl phthalate	ND	85	89	4.6	94	108	13.9	30 - 130	30	
Bis(2-chloroethoxy)methane	ND	79	79	0.0	86	86	0.0	30 - 130	30	
Bis(2-chloroethyl)ether	ND	75	75	0.0	81	82	1.2	30 - 130	30	
Bis(2-chloroisopropyl)ether	ND	74	75	1.3	80	80	0.0	30 - 130	30	
Bis(2-ethylhexyl)phthalate	ND	87	89	2.3	98	108	9.7	30 - 130	30	
Carbazole	ND	105	106	0.9	120	112	6.9	30 - 130	30	
Chrysene	ND	87	88	1.1	99	99	0.0	30 - 130	30	
Dibenz(a,h)anthracene	ND	76	83	8.8	96	85	12.2	30 - 130	30	
Dibenzofuran	ND	84	84	0.0	92	93	1.1	30 - 130	30	
Diethyl phthalate	ND	86	87	1.2	95	95	0.0	30 - 130	30	
Dimethylphthalate	ND	84	85	1.2	94	94	0.0	30 - 130	30	
Di-n-butylphthalate	ND	89	91	2.2	100	99	1.0	30 - 130	30	
Di-n-octylphthalate	ND	90	90	0.0	97	102	5.0	30 - 130	30	
Fluoranthene	ND	87	92	5.6	100	95	5.1	30 - 130	30	
Fluorene	ND	84	84	0.0	92	92	0.0	30 - 130	30	
Hexachlorobenzene	ND	87	86	1.2	94	97	3.1	30 - 130	30	
Hexachlorobutadiene	ND	75	76	1.3	82	82	0.0	30 - 130	30	
Hexachlorocyclopentadiene	ND	48	46	4.3	52	47	10.1	30 - 130	30	
Hexachloroethane	ND	77	77	0.0	81	81	0.0	30 - 130	30	
Indeno(1,2,3-cd)pyrene	ND	76	83	8.8	96	86	11.0	30 - 130	30	
Isophorone	ND	84	84	0.0	91	93	2.2	30 - 130	30	
Naphthalene	ND	77	77	0.0	83	83	0.0	30 - 130	30	
Nitrobenzene	ND	79	78	1.3	84	85	1.2	30 - 130	30	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
N-Nitrosodimethylamine	ND	73	76	4.0	82	82	0.0	30 - 130	30
N-Nitrosodi-n-propylamine	ND	77	74	4.0	79	82	3.7	30 - 130	30
N-Nitrosodiphenylamine	ND	89	90	1.1	99	98	1.0	30 - 130	30
Pentachloronitrobenzene	ND	85	86	1.2	95	97	2.1	30 - 130	30
Pentachlorophenol	ND	43	43	0.0	77	72	6.7	30 - 130	30
Phenanthrene	ND	87	86	1.2	96	96	0.0	30 - 130	30
Phenol	ND	84	82	2.4	90	90	0.0	30 - 130	30
Pyrene	ND	90	95	5.4	106	98	7.8	30 - 130	30
Pyridine	ND	69	71	2.9	72	68	5.7	30 - 130	30
% 2,4,6-Tribromophenol	69	74	71	4.1	83	87	4.7	30 - 130	30
% 2-Fluorobiphenyl	85	79	79	0.0	86	88	2.3	30 - 130	30
% 2-Fluorophenol	78	71	71	0.0	79	81	2.5	30 - 130	30
% Nitrobenzene-d5	80	74	73	1.4	79	80	1.3	30 - 130	30
% Phenol-d5	78	74	73	1.4	80	81	1.2	30 - 130	30
% Terphenyl-d14	94	92	99	7.3	110	100	9.5	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%)

QA/QC Batch 273415, QC Sample No: BG39584 (BG39584 (38, 1X) , BG39585, BG39587, BG39588)

Volatiles - Soil

1,1,1,2-Tetrachloroethane	ND	103	107	3.8	107	103	3.8	70 - 130	30
1,1,1-Trichloroethane	ND	99	95	4.1	103	101	2.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	101	99	2.0	104	107	2.8	70 - 130	30
1,1,2-Trichloroethane	ND	112	107	4.6	102	104	1.9	70 - 130	30
1,1-Dichloroethane	ND	105	101	3.9	107	106	0.9	70 - 130	30
1,1-Dichloroethene	ND	97	95	2.1	100	97	3.0	70 - 130	30
1,1-Dichloropropene	ND	92	91	1.1	109	107	1.9	70 - 130	30
1,2,3-Trichlorobenzene	ND	99	101	2.0	111	114	2.7	70 - 130	30
1,2,3-Trichloropropane	ND	107	103	3.8	106	97	8.9	70 - 130	30
1,2,4-Trichlorobenzene	ND	90	91	1.1	108	111	2.7	70 - 130	30
1,2,4-Trimethylbenzene	ND	101	102	1.0	112	113	0.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	106	100	5.8	95	95	0.0	70 - 130	30
1,2-Dibromoethane	ND	110	106	3.7	102	100	2.0	70 - 130	30
1,2-Dichlorobenzene	ND	97	100	3.0	107	109	1.9	70 - 130	30
1,2-Dichloroethane	ND	106	102	3.8	102	99	3.0	70 - 130	30
1,2-Dichloropropane	ND	107	103	3.8	113	113	0.0	70 - 130	30
1,3,5-Trimethylbenzene	ND	96	98	2.1	112	114	1.8	70 - 130	30
1,3-Dichlorobenzene	ND	93	95	2.1	108	109	0.9	70 - 130	30
1,3-Dichloropropane	ND	108	108	0.0	110	109	0.9	70 - 130	30
1,4-Dichlorobenzene	ND	94	96	2.1	108	108	0.0	70 - 130	30
2,2-Dichloropropane	ND	91	91	0.0	99	100	1.0	70 - 130	30
2-Chlorotoluene	ND	95	98	3.1	109	113	3.6	70 - 130	30
2-Hexanone	ND	89	83	7.0	80	82	2.5	70 - 130	30
2-Isopropyltoluene	ND	97	98	1.0	113	115	1.8	70 - 130	30
4-Chlorotoluene	ND	97	100	3.0	110	115	4.4	70 - 130	30
4-Methyl-2-pentanone	ND	105	97	7.9	96	98	2.1	70 - 130	30
Acetone	ND	89	77	14.5	98	92	6.3	70 - 130	30
Acrylonitrile	ND	105	100	4.9	99	98	1.0	70 - 130	30
Benzene	ND	99	98	1.0	110	109	0.9	70 - 130	30
Bromobenzene	ND	101	102	1.0	107	111	3.7	70 - 130	30
Bromochloromethane	ND	105	99	5.9	107	102	4.8	70 - 130	30
Bromodichloromethane	ND	108	102	5.7	103	103	0.0	70 - 130	30

QA/QC Data

SDG I.D.: GBG39584

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Bromoform	ND	114	109	4.5	89	92	3.3	70 - 130	30	
Bromomethane	ND	84	80	4.9	83	66	22.8	70 - 130	30	m
Carbon Disulfide	ND	89	86	3.4	88	87	1.1	70 - 130	30	
Carbon tetrachloride	ND	96	95	1.0	92	103	11.3	70 - 130	30	
Chlorobenzene	ND	99	102	3.0	111	108	2.7	70 - 130	30	
Chloroethane	ND	92	88	4.4	89	65	31.2	70 - 130	30	m,r
Chloroform	ND	102	99	3.0	104	102	1.9	70 - 130	30	
Chloromethane	ND	82	81	1.2	100	97	3.0	70 - 130	30	
cis-1,2-Dichloroethene	ND	103	100	3.0	108	107	0.9	70 - 130	30	
cis-1,3-Dichloropropene	ND	106	102	3.8	108	107	0.9	70 - 130	30	
Dibromochloromethane	ND	114	110	3.6	103	101	2.0	70 - 130	30	
Dibromomethane	ND	107	102	4.8	107	101	5.8	70 - 130	30	
Dichlorodifluoromethane	ND	64	63	1.6	88	94	6.6	70 - 130	30	l
Ethylbenzene	ND	96	97	1.0	112	110	1.8	70 - 130	30	
Hexachlorobutadiene	ND	92	95	3.2	119	115	3.4	70 - 130	30	
Isopropylbenzene	ND	97	100	3.0	113	117	3.5	70 - 130	30	
m&p-Xylene	ND	97	98	1.0	111	110	0.9	70 - 130	30	
Methyl ethyl ketone	ND	80	73	9.2	72	71	1.4	70 - 130	30	
Methyl t-butyl ether (MTBE)	ND	95	95	0.0	96	97	1.0	70 - 130	30	
Methylene chloride	ND	97	93	4.2	95	95	0.0	70 - 130	30	
Naphthalene	ND	107	106	0.9	106	114	7.3	70 - 130	30	
n-Butylbenzene	ND	97	101	4.0	118	120	1.7	70 - 130	30	
n-Propylbenzene	ND	101	106	4.8	119	117	1.7	70 - 130	30	
o-Xylene	ND	103	104	1.0	112	111	0.9	70 - 130	30	
p-Isopropyltoluene	ND	96	99	3.1	116	118	1.7	70 - 130	30	
sec-Butylbenzene	ND	93	95	2.1	115	114	0.9	70 - 130	30	
Styrene	ND	102	103	1.0	110	107	2.8	70 - 130	30	
tert-Butylbenzene	ND	98	101	3.0	115	115	0.0	70 - 130	30	
Tetrachloroethene	ND	96	100	4.1	113	114	0.9	70 - 130	30	
Tetrahydrofuran (THF)	ND	105	93	12.1	96	96	0.0	70 - 130	30	
Toluene	ND	100	99	1.0	111	109	1.8	70 - 130	30	
trans-1,2-Dichloroethene	ND	101	95	6.1	106	100	5.8	70 - 130	30	
trans-1,3-Dichloropropene	ND	104	101	2.9	103	102	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	104	101	2.9	106	110	3.7	70 - 130	30	
Trichloroethene	ND	99	99	0.0	109	107	1.9	70 - 130	30	
Trichlorofluoromethane	ND	88	89	1.1	91	73	22.0	70 - 130	30	
Trichlorotrifluoroethane	ND	97	97	0.0	107	106	0.9	70 - 130	30	
Vinyl chloride	ND	85	83	2.4	94	108	13.9	70 - 130	30	
% 1,2-dichlorobenzene-d4	101	100	101	1.0	101	101	0.0	70 - 130	30	
% Bromofluorobenzene	97	102	103	1.0	99	101	2.0	70 - 130	30	
% Dibromofluoromethane	95	101	98	3.0	93	97	4.2	70 - 130	30	
% Toluene-d8	97	101	100	1.0	100	98	2.0	70 - 130	30	

Comment:

Additional 8260 criteria: 10% of LCS/LCSD 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.

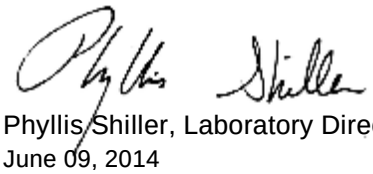
QA/QC Data

SDG I.D.: GBG39584

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
June 09, 2014

Sample Criteria Exceedences Report

GBG39584 - ESPL

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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

NY Temperature Narration

June 09, 2014

SDG I.D.: GBG39584

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

Coolant: WC IPK ☒ ICE ☐ No ☐

Temp 4° F Pg 1 of 1

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

Data Delivery:
☐ Fax #: ___ (212) 330-7505
☐ Email: ___ Mail@ESPL.COM

Customer: ESPL Environmental Consultants Corp.
Address: 2 West 32nd Street 5th Flr.
NY NY 10001

Project: 131-3
Report to: Ray Kahn
Invoice to: ESPL Environmental Consultants Corp.
Phone #: (212) 330-7501
Fax #: (212) 330-7505

Project P.O: ___

This section MUST be completed with Bottle Quantities.

Client Sample - Information - Identification

Sampler's Signature ___ Date: ___

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC	SVOC	PCB	PST	TAL metals		Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container (4 oz. As is	GL Soil container (8) 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
~~39589~~ (CB)	SB-1 (2-3)	S	4/29/2014	9:45	X	X	X	X	X	39584		3	3							
~~39590~~ (CV)	SB-2(2-3)	S	4/29/2014	10:40	X	X	X	X	X	39585		3	3							
~~39591~~ (CT)	SB-3(2-3)	S	4/29/2014	11:20	X	X	X	X	X	39586		3	3							
~~39592~~ (CU)	SB-4(2-3)	S	4/29/2014	12:15	X	X	X	X	X	39587		3	3							
	SB-5(2-3)	S	4/29/2014	2:30	X	X	X	X	X	39588		3	3							

Relinquished by:	Accepted By:	Date:	Time:
RK		4/30/2014	11:25
		5/1/14	1620

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☒ Standard
☐ Other
* SURCHARGE APPLIES

RI
☐ Direct Exposure (Residential)
☐ GW
☐ Other

CT
☐ RCP Cert
☐ GW Protection
☐ SW Protection
☐ GA Mobility
☐ GB Mobility
☒ Residential DEC
☐ I/C DEC
☐ Other

MA
☐ MCP Certification
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

State where samples were collected: NY

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☐ Tier II Checklist
☐ Full Data Package*
☐ Phoenix Std Report
☐ Other

* SURCHARGE APPLIES

Groundwater Analysis

PHOENIX
Environmental Laboratories, Inc.

Friday, June 06, 2014

Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Project ID: 131-1
Sample ID#s: BG45785 - BG45786

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.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. 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

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

June 06, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RK	05/15/14	16:00
Location Code:	ESPL	Received by:	SW	05/16/14	16:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG45785
Phoenix ID: BG45785

Project ID: 131-1
Client ID: MW-1

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
Aluminum	5.79	0.010		mg/L	05/16/14	EK	SW6010
Aluminum (Dissolved)	0.35	0.01		mg/L	05/16/14	LK	SW6010
Antimony (Dissolved)	< 0.005	0.005		mg/L	05/16/14	LK	SW6010
Antimony	< 0.005	0.005		mg/L	05/16/14	EK	SW6010
Arsenic	< 0.004	0.004		mg/L	05/16/14	EK	SW6010
Arsenic (Dissolved)	< 0.004	0.004		mg/L	05/16/14	LK	SW6010
Barium	0.151	0.002		mg/L	05/16/14	EK	SW6010
Barium (Dissolved)	0.078	0.002		mg/L	05/16/14	LK	SW6010
Beryllium	< 0.001	0.001		mg/L	05/16/14	EK	SW6010
Beryllium (Dissolved)	< 0.001	0.001		mg/L	05/16/14	LK	SW6010
Calcium	82.6	0.010		mg/L	05/16/14	EK	SW6010
Cadmium	< 0.001	0.001		mg/L	05/16/14	EK	SW6010
Calcium (Dissolved)	81.3	0.01		mg/L	05/16/14	LK	SW6010
Cadmium (Dissolved)	< 0.001	0.001		mg/L	05/16/14	LK	SW6010
Chromium	0.018	0.001		mg/L	05/16/14	EK	SW6010
Chromium (Dissolved)	0.002	0.001		mg/L	05/16/14	LK	SW6010
Cobalt	0.009	0.002		mg/L	05/16/14	EK	SW6010
Copper	0.073	0.005		mg/L	05/16/14	EK	SW6010
Cobalt (Dissolved)	0.001	0.001		mg/L	05/16/14	LK	SW6010
Copper (Dissolved)	0.042	0.005		mg/L	05/16/14	LK	SW6010
Iron (Dissolved)	0.173	0.011		mg/L	05/16/14	LK	SW6010
Iron	10.9	0.010		mg/L	05/16/14	EK	SW6010
Lead (Dissolved)	< 0.002	0.002		mg/L	05/16/14	LK	SW6010
Lead	0.038	0.002		mg/L	05/16/14	EK	SW6010
Magnesium (Dissolved)	8.80	0.01		mg/L	05/16/14	LK	SW6010
Manganese (Dissolved)	0.058	0.001		mg/L	05/16/14	LK	SW6010
Magnesium	11.2	0.01		mg/L	05/16/14	EK	SW6010
Manganese	0.163	0.001		mg/L	05/16/14	EK	SW6010

Project ID: 131-1
Client ID: MW-1

Phoenix I.D.: BG45785

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Mercury (Dissolved)	< 0.0002	0.0002		mg/L	05/19/14	RS	SW7470	
Mercury	< 0.0002	0.0002		mg/L	05/19/14	RS	SW7470	
Nickel (Dissolved)	0.008	0.001		mg/L	05/19/14	LK	SW6010	
Nickel	0.021	0.001		mg/L	05/16/14	EK	SW6010	
Potassium (Dissolved)	12.8	0.1		mg/L	05/16/14	LK	SW6010	
Potassium	15.7	0.1		mg/L	05/16/14	EK	SW6010	
Selenium (Dissolved)	< 0.011	0.011		mg/L	05/16/14	LK	SW6010	
Selenium	< 0.010	0.010		mg/L	05/16/14	EK	SW6010	
Silver	< 0.001	0.001		mg/L	05/16/14	EK	SW6010	
Silver (Dissolved)	< 0.001	0.001		mg/L	05/16/14	LK	SW6010	
Sodium (Dissolved)	68.2	1.1		mg/L	05/19/14	EK	SW6010	
Sodium	75.7	1.0		mg/L	05/21/14	LK	SW6010	
Thallium (Dissolved)	< 0.002	0.002		mg/L	05/16/14	R/T	SW7010	
Thallium	< 0.002	0.002		mg/L	05/16/14	R/T	SM3113B/SW70	
Vanadium (Dissolved)	0.003	0.002		mg/L	05/16/14	LK	SW6010	
Vanadium	0.018	0.002		mg/L	05/16/14	EK	SW6010	
Zinc (Dissolved)	0.007	0.002		mg/L	05/16/14	LK	SW6010	
Zinc	0.062	0.002		mg/L	05/16/14	EK	SW6010	
Filtration	Completed				05/16/14	ag	0.45um Filter	
Dissolved Mercury Digestion	Completed				05/19/14	X/X	SW7470	
Mercury Digestion	Completed				05/19/14	X/X	SW7470	
PCB Extraction (2 Liter)	Completed				05/16/14	L	SW3510	
Extraction for Pest (2 Liter)	Completed				05/16/14	L	SW3510	
Semi-Volatile Extraction	Completed				05/16/14	E/K/D	SW3520	
Dissolved Metals Preparation	Completed				05/16/14	AG	SW846-3005	
Total Metals Digestion	Completed				05/16/14	AG	SW846 - 3050	
Polychlorinated Biphenyls								
PCB-1016	ND	0.050	0.050	ug/L	05/17/14	AW	608/ 8082	
PCB-1221	ND	0.050	0.050	ug/L	05/17/14	AW	608/ 8082	
PCB-1232	ND	0.050	0.050	ug/L	05/17/14	AW	608/ 8082	
PCB-1242	ND	0.050	0.050	ug/L	05/17/14	AW	608/ 8082	
PCB-1248	ND	0.050	0.050	ug/L	05/17/14	AW	608/ 8082	
PCB-1254	ND	0.050	0.050	ug/L	05/17/14	AW	608/ 8082	
PCB-1260	ND	0.050	0.050	ug/L	05/17/14	AW	608/ 8082	
PCB-1262	ND	0.050	0.050	ug/L	05/17/14	AW	608/ 8082	
PCB-1268	ND	0.050	0.050	ug/L	05/17/14	AW	608/ 8082	
QA/QC Surrogates								
% DCBP	47			%	05/17/14	AW	608/ 8082	
% TCMX	63			%	05/17/14	AW	608/ 8082	
Pesticides								
4,4' -DDD	ND	0.050		ug/L	05/19/14	CE	SW8081	
4,4' -DDE	ND	0.050		ug/L	05/19/14	CE	SW8081	
4,4' -DDT	ND	0.050		ug/L	05/19/14	CE	SW8081	
a-BHC	ND	0.005		ug/L	05/19/14	CE	SW8081	
Alachlor	ND	0.075		ug/L	05/19/14	CE	SW8081	1
Aldrin	ND	0.002		ug/L	05/19/14	CE	SW8081	
b-BHC	ND	0.005		ug/L	05/19/14	CE	SW8081	
Chlordane	ND	0.030		ug/L	05/19/14	CE	SW8081	

Project ID: 131-1
Client ID: MW-1

Phoenix I.D.: BG45785

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
d-BHC	ND	0.025		ug/L	05/19/14	CE	SW8081	
Dieldrin	ND	0.002		ug/L	05/19/14	CE	SW8081	
Endosulfan I	ND	0.050		ug/L	05/19/14	CE	SW8081	
Endosulfan II	ND	0.050		ug/L	05/19/14	CE	SW8081	
Endosulfan Sulfate	ND	0.050		ug/L	05/19/14	CE	SW8081	
Endrin	ND	0.050		ug/L	05/19/14	CE	SW8081	
Endrin Aldehyde	ND	0.050		ug/L	05/19/14	CE	SW8081	
Endrin ketone	ND	0.050		ug/L	05/19/14	CE	SW8081	
g-BHC (Lindane)	ND	0.025		ug/L	05/19/14	CE	SW8081	
Heptachlor	ND	0.025		ug/L	05/19/14	CE	SW8081	
Heptachlor epoxide	ND	0.025		ug/L	05/19/14	CE	SW8081	
Methoxychlor	ND	0.10		ug/L	05/19/14	CE	SW8081	
Toxaphene	ND	0.40		ug/L	05/19/14	CE	SW8081	
QA/QC Surrogates								
%DCBP (Surrogate Rec)	81			%	05/19/14	CE	30 - 150 %	
%TCMX (Surrogate Rec)	92			%	05/19/14	CE	30 - 150 %	
Volatiles								
1,1,1,2-Tetrachloroethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,1,1-Trichloroethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND	1.0		ug/L	05/16/14	MH	SW8260	
1,1,2-Trichloroethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,1-Dichloroethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,1-Dichloroethene	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,1-Dichloropropene	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,2,3-Trichlorobenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,2,3-Trichloropropane	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,2,4-Trichlorobenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,2,4-Trimethylbenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,2-Dibromoethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,2-Dichlorobenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,2-Dichloroethane	ND	1.2		ug/L	05/16/14	MH	SW8260	
1,2-Dichloropropane	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,3,5-Trimethylbenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,3-Dichlorobenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,3-Dichloropropane	ND	2.0		ug/L	05/16/14	MH	SW8260	
1,4-Dichlorobenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
2,2-Dichloropropane	ND	2.0		ug/L	05/16/14	MH	SW8260	
2-Chlorotoluene	ND	2.0		ug/L	05/16/14	MH	SW8260	
2-Hexanone	ND	10		ug/L	05/16/14	MH	SW8260	
2-Isopropyltoluene	ND	2.0		ug/L	05/16/14	MH	SW8260	1
4-Chlorotoluene	ND	2.0		ug/L	05/16/14	MH	SW8260	
4-Methyl-2-pentanone	ND	10		ug/L	05/16/14	MH	SW8260	
Acetone	ND	50		ug/L	05/16/14	MH	SW8260	
Acrylonitrile	ND	10		ug/L	05/16/14	MH	SW8260	
Benzene	ND	1.4		ug/L	05/16/14	MH	SW8260	
Bromobenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
Bromochloromethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
Bromodichloromethane	ND	1.0		ug/L	05/16/14	MH	SW8260	

Project ID: 131-1
Client ID: MW-1

Phoenix I.D.: BG45785

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
Bromoform	ND	2.0		ug/L	05/16/14	MH	SW8260	
Bromomethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
Carbon Disulfide	ND	10		ug/L	05/16/14	MH	SW8260	
Carbon tetrachloride	ND	2.0		ug/L	05/16/14	MH	SW8260	
Chlorobenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
Chloroethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
Chloroform	4.0	2.0		ug/L	05/16/14	MH	SW8260	
Chloromethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
cis-1,2-Dichloroethene	ND	2.0		ug/L	05/16/14	MH	SW8260	
cis-1,3-Dichloropropene	ND	0.80		ug/L	05/16/14	MH	SW8260	
Dibromochloromethane	ND	1.0		ug/L	05/16/14	MH	SW8260	
Dibromomethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
Dichlorodifluoromethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
Ethylbenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
Hexachlorobutadiene	ND	0.80		ug/L	05/16/14	MH	SW8260	
Isopropylbenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
m&p-Xylene	ND	2.0		ug/L	05/16/14	MH	SW8260	
Methyl ethyl ketone	ND	10		ug/L	05/16/14	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND	2.0		ug/L	05/16/14	MH	SW8260	
Methylene chloride	ND	2.0		ug/L	05/16/14	MH	SW8260	
Naphthalene	ND	2.0		ug/L	05/16/14	MH	SW8260	
n-Butylbenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
n-Propylbenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
o-Xylene	ND	2.0		ug/L	05/16/14	MH	SW8260	
p-Isopropyltoluene	ND	2.0		ug/L	05/16/14	MH	SW8260	
sec-Butylbenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
Styrene	ND	2.0		ug/L	05/16/14	MH	SW8260	
tert-Butylbenzene	ND	2.0		ug/L	05/16/14	MH	SW8260	
Tetrachloroethene	ND	2.0		ug/L	05/16/14	MH	SW8260	
Tetrahydrofuran (THF)	ND	5.0		ug/L	05/16/14	MH	SW8260	1
Toluene	ND	2.0		ug/L	05/16/14	MH	SW8260	
Total Xylenes	ND	4.0		ug/L	05/16/14	MH	SW8260	
trans-1,2-Dichloroethene	ND	2.0		ug/L	05/16/14	MH	SW8260	
trans-1,3-Dichloropropene	ND	0.80		ug/L	05/16/14	MH	SW8260	
trans-1,4-dichloro-2-butene	ND	10		ug/L	05/16/14	MH	SW8260	
Trichloroethene	ND	2.0		ug/L	05/16/14	MH	SW8260	
Trichlorofluoromethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
Trichlorotrifluoroethane	ND	2.0		ug/L	05/16/14	MH	SW8260	
Vinyl chloride	ND	2.0		ug/L	05/16/14	MH	SW8260	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	104			%	05/16/14	MH	70 - 130 %	
% Bromofluorobenzene	86			%	05/16/14	MH	70 - 130 %	
% Dibromofluoromethane	115			%	05/16/14	MH	70 - 130 %	
% Toluene-d8	104			%	05/16/14	MH	70 - 130 %	
Semivolatiles								
1,2,4-Trichlorobenzene	ND	5.0		ug/L	05/20/14	DD	SW8270	
1,2-Dichlorobenzene	ND	2.5		ug/L	05/20/14	DD	SW8270	
1,2-Diphenylhydrazine	ND	5.0		ug/L	05/20/14	DD	SW8270	
1,3-Dichlorobenzene	ND	2.5		ug/L	05/20/14	DD	SW8270	

Project ID: 131-1
Client ID: MW-1

Phoenix I.D.: BG45785

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference
1,4-Dichlorobenzene	ND	2.5		ug/L	05/20/14	DD	SW8270
2,4,5-Trichlorophenol	ND	1.0		ug/L	05/20/14	DD	SW8270
2,4,6-Trichlorophenol	ND	1.0		ug/L	05/20/14	DD	SW8270
2,4-Dichlorophenol	ND	1.0		ug/L	05/20/14	DD	SW8270
2,4-Dimethylphenol	ND	1.0		ug/L	05/20/14	DD	SW8270
2,4-Dinitrophenol	ND	5.0		ug/L	05/20/14	DD	SW8270
2,4-Dinitrotoluene	ND	5.0		ug/L	05/20/14	DD	SW8270
2,6-Dinitrotoluene	ND	5.0		ug/L	05/20/14	DD	SW8270
2-Chloronaphthalene	ND	5.0		ug/L	05/20/14	DD	SW8270
2-Chlorophenol	ND	1.0		ug/L	05/20/14	DD	SW8270
2-Methylnaphthalene	ND	5.0		ug/L	05/20/14	DD	SW8270
2-Methylphenol (o-cresol)	ND	1.0		ug/L	05/20/14	DD	SW8270
2-Nitroaniline	ND	5.0		ug/L	05/20/14	DD	SW8270
2-Nitrophenol	ND	1.0		ug/L	05/20/14	DD	SW8270
3&4-Methylphenol (m&p-cresol)	ND	10		ug/L	05/20/14	DD	SW8270
3,3'-Dichlorobenzidine	ND	5.0		ug/L	05/20/14	DD	SW8270
3-Nitroaniline	ND	5.0		ug/L	05/20/14	DD	SW8270
4,6-Dinitro-2-methylphenol	ND	10		ug/L	05/20/14	DD	SW8270
4-Bromophenyl phenyl ether	ND	5.0		ug/L	05/20/14	DD	SW8270
4-Chloro-3-methylphenol	ND	1.0		ug/L	05/20/14	DD	SW8270
4-Chloroaniline	ND	5.0		ug/L	05/20/14	DD	SW8270
4-Chlorophenyl phenyl ether	ND	1.0		ug/L	05/20/14	DD	SW8270
4-Nitroaniline	ND	5.0		ug/L	05/20/14	DD	SW8270
4-Nitrophenol	ND	1.0		ug/L	05/20/14	DD	SW8270
Acetophenone	ND	5.0		ug/L	05/20/14	DD	SW8270
Aniline	ND	5.0		ug/L	05/20/14	DD	SW8270
Anthracene	ND	5.0		ug/L	05/20/14	DD	SW8270
Benzidine	ND	50		ug/L	05/20/14	DD	SW8270
Benzoic acid	ND	50		ug/L	05/20/14	DD	SW8270
Benzyl butyl phthalate	ND	5.0		ug/L	05/20/14	DD	SW8270
Bis(2-chloroethoxy)methane	ND	5.0		ug/L	05/20/14	DD	SW8270
Bis(2-chloroethyl)ether	ND	1.0		ug/L	05/20/14	DD	SW8270
Bis(2-chloroisopropyl)ether	ND	5.0		ug/L	05/20/14	DD	SW8270
Carbazole	ND	5.0		ug/L	05/20/14	DD	SW8270
Dibenzofuran	ND	5.0		ug/L	05/20/14	DD	SW8270
Diethyl phthalate	ND	5.0		ug/L	05/20/14	DD	SW8270
Dimethylphthalate	ND	5.0		ug/L	05/20/14	DD	SW8270
Di-n-butylphthalate	ND	5.0		ug/L	05/20/14	DD	SW8270
Di-n-octylphthalate	ND	5.0		ug/L	05/20/14	DD	SW8270
Fluoranthene	ND	5.0		ug/L	05/20/14	DD	SW8270
Fluorene	ND	5.0		ug/L	05/20/14	DD	SW8270
Hexachlorocyclopentadiene	ND	5.0		ug/L	05/20/14	DD	SW8270
Isophorone	ND	5.0		ug/L	05/20/14	DD	SW8270
Naphthalene	ND	5.0		ug/L	05/20/14	DD	SW8270
N-Nitrosodimethylamine	ND	5.0		ug/L	05/20/14	DD	SW8270
N-Nitrosodi-n-propylamine	ND	5.0		ug/L	05/20/14	DD	SW8270
N-Nitrosodiphenylamine	ND	5.0		ug/L	05/20/14	DD	SW8270
Phenol	ND	1.0		ug/L	05/20/14	DD	SW8270
Pyrene	ND	5.0		ug/L	05/20/14	DD	SW8270

Project ID: 131-1
Client ID: MW-1

Phoenix I.D.: BG45785

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Date/Time	By	Reference	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	144			%	05/20/14	DD	15 - 110 %	3
% 2-Fluorobiphenyl	93			%	05/20/14	DD	30 - 130 %	
% 2-Fluorophenol	69			%	05/20/14	DD	15 - 110 %	
% Nitrobenzene-d5	108			%	05/20/14	DD	30 - 130 %	
% Phenol-d5	72			%	05/20/14	DD	15 - 110 %	
% Terphenyl-d14	100			%	05/20/14	DD	30 - 130 %	
Semivolatiles								
1,2,4,5-Tetrachlorobenzene	ND	0.50		ug/L	05/19/14	DD	SW8270 (SIM)	
Acenaphthene	ND	0.05		ug/L	05/19/14	DD	SW8270 (SIM)	
Acenaphthylene	ND	0.05		ug/L	05/19/14	DD	SW8270 (SIM)	
Benz(a)anthracene	0.07	0.02		ug/L	05/19/14	DD	SW8270 (SIM)	B*
Benzo(a)pyrene	ND	0.02		ug/L	05/19/14	DD	SW8270 (SIM)	
Benzo(b)fluoranthene	0.03	0.02		ug/L	05/19/14	DD	SW8270 (SIM)	
Benzo(ghi)perylene	ND	0.50		ug/L	05/19/14	DD	SW8270 (SIM)	
Benzo(k)fluoranthene	0.03	0.02		ug/L	05/19/14	DD	SW8270 (SIM)	
Bis(2-ethylhexyl)phthalate	9.6	0.50		ug/L	05/19/14	DD	SW8270 (SIM)	
Chrysene	0.05	0.02		ug/L	05/19/14	DD	SW8270 (SIM)	
Dibenz(a,h)anthracene	ND	0.01		ug/L	05/19/14	DD	SW8270 (SIM)	
Hexachlorobenzene	ND	0.04		ug/L	05/19/14	DD	SW8270 (SIM)	
Hexachlorobutadiene	ND	0.50		ug/L	05/19/14	DD	SW8270 (SIM)	
Hexachloroethane	ND	0.50		ug/L	05/19/14	DD	SW8270 (SIM)	
Indeno(1,2,3-cd)pyrene	ND	0.02		ug/L	05/19/14	DD	SW8270 (SIM)	
Nitrobenzene	ND	0.10		ug/L	05/19/14	DD	SW8270 (SIM)	
Pentachloronitrobenzene	ND	0.10		ug/L	05/19/14	DD	SW8270 (SIM)	
Pentachlorophenol	ND	0.80		ug/L	05/19/14	DD	SW8270 (SIM)	
Phenanthrene	0.14	0.05		ug/L	05/19/14	DD	SW8270 (SIM)	
Pyridine	ND	0.50		ug/L	05/19/14	DD	SW8270 (SIM)	
QA/QC Surrogates								
% 2,4,6-Tribromophenol	144			%	05/19/14	DD	15 - 110 %	3
% 2-Fluorobiphenyl	93			%	05/19/14	DD	30 - 130 %	
% 2-Fluorophenol	69			%	05/19/14	DD	15 - 110 %	
% Nitrobenzene-d5	108			%	05/19/14	DD	30 - 130 %	
% Phenol-d5	72			%	05/19/14	DD	15 - 110 %	
% Terphenyl-d14	100			%	05/19/14	DD	30 - 130 %	

Parameter	Result	RL/ PQL	LOD/ MDL	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, a bias is possible.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level LOD=Limit of Detection MDL=Method Detection Limit

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.

Volatile Comment:
Elevated reporting limits due to the foamy nature of the sample.

Semi-Volatile Comment:
One of the surrogate recoveries was above the upper range due to sample matrix interference. The other surrogates associated with this sample were within QA/QC criteria. No significant bias is suspected.

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 pesticide analysis.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

Phyllis Shiller, Laboratory Director
June 06, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

Analysis Report

June 06, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:	RK	05/15/14	0:00
Location Code:	ESPL	Received by:	SW	05/16/14	16:06
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:					

Laboratory Data

SDG ID: GBG45785
Phoenix ID: BG45786

Project ID: 131-1
Client ID: BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,1,1-Trichloroethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	05/16/14	MH	SW8260	
1,1,2-Trichloroethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,1-Dichloroethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,1-Dichloroethene	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,1-Dichloropropene	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,2,3-Trichloropropane	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,2,4-Trimethylbenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,2-Dibromoethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,2-Dichlorobenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,2-Dichloroethane	ND	0.60	ug/L	05/16/14	MH	SW8260	
1,2-Dichloropropane	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,3,5-Trimethylbenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,3-Dichlorobenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,3-Dichloropropane	ND	1.0	ug/L	05/16/14	MH	SW8260	
1,4-Dichlorobenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
2,2-Dichloropropane	ND	1.0	ug/L	05/16/14	MH	SW8260	
2-Chlorotoluene	ND	1.0	ug/L	05/16/14	MH	SW8260	
2-Hexanone	ND	5.0	ug/L	05/16/14	MH	SW8260	
2-Isopropyltoluene	ND	1.0	ug/L	05/16/14	MH	SW8260	1
4-Chlorotoluene	ND	1.0	ug/L	05/16/14	MH	SW8260	
4-Methyl-2-pentanone	ND	5.0	ug/L	05/16/14	MH	SW8260	

Project ID: 131-1
Client ID: BLANK

Phoenix I.D.: BG45786

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference	
Acetone	ND	25	ug/L	05/16/14	MH	SW8260	
Acrylonitrile	ND	5.0	ug/L	05/16/14	MH	SW8260	
Benzene	ND	0.70	ug/L	05/16/14	MH	SW8260	
Bromobenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
Bromochloromethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
Bromodichloromethane	ND	0.50	ug/L	05/16/14	MH	SW8260	
Bromoform	ND	1.0	ug/L	05/16/14	MH	SW8260	
Bromomethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
Carbon Disulfide	ND	5.0	ug/L	05/16/14	MH	SW8260	
Carbon tetrachloride	ND	1.0	ug/L	05/16/14	MH	SW8260	
Chlorobenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
Chloroethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
Chloroform	ND	1.0	ug/L	05/16/14	MH	SW8260	
Chloromethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
cis-1,2-Dichloroethene	ND	1.0	ug/L	05/16/14	MH	SW8260	
cis-1,3-Dichloropropene	ND	0.40	ug/L	05/16/14	MH	SW8260	
Dibromochloromethane	ND	0.50	ug/L	05/16/14	MH	SW8260	
Dibromomethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
Dichlorodifluoromethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
Ethylbenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
Hexachlorobutadiene	ND	0.40	ug/L	05/16/14	MH	SW8260	
Isopropylbenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
m&p-Xylene	ND	1.0	ug/L	05/16/14	MH	SW8260	
Methyl ethyl ketone	ND	5.0	ug/L	05/16/14	MH	SW8260	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	05/16/14	MH	SW8260	
Methylene chloride	ND	1.0	ug/L	05/16/14	MH	SW8260	
Naphthalene	ND	1.0	ug/L	05/16/14	MH	SW8260	
n-Butylbenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
n-Propylbenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
o-Xylene	ND	1.0	ug/L	05/16/14	MH	SW8260	
p-Isopropyltoluene	ND	1.0	ug/L	05/16/14	MH	SW8260	
sec-Butylbenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
Styrene	ND	1.0	ug/L	05/16/14	MH	SW8260	
tert-Butylbenzene	ND	1.0	ug/L	05/16/14	MH	SW8260	
Tetrachloroethene	ND	1.0	ug/L	05/16/14	MH	SW8260	
Tetrahydrofuran (THF)	ND	2.5	ug/L	05/16/14	MH	SW8260	1
Toluene	ND	1.0	ug/L	05/16/14	MH	SW8260	
Total Xylenes	ND	2.0	ug/L	05/16/14	MH	SW8260	
trans-1,2-Dichloroethene	ND	1.0	ug/L	05/16/14	MH	SW8260	
trans-1,3-Dichloropropene	ND	0.40	ug/L	05/16/14	MH	SW8260	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	05/16/14	MH	SW8260	
Trichloroethene	ND	1.0	ug/L	05/16/14	MH	SW8260	
Trichlorofluoromethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
Trichlorotrifluoroethane	ND	1.0	ug/L	05/16/14	MH	SW8260	
Vinyl chloride	ND	1.0	ug/L	05/16/14	MH	SW8260	
QA/QC Surrogates							
% 1,2-dichlorobenzene-d4	108		%	05/16/14	MH	70 - 130 %	
% Bromofluorobenzene	88		%	05/16/14	MH	70 - 130 %	
% Dibromofluoromethane	113		%	05/16/14	MH	70 - 130 %	

Project ID: 131-1
Client ID: BLANK

Phoenix I.D.: BG45786

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% Toluene-d8	99		%	05/16/14	MH	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.

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
June 06, 2014
Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

NY # 11301

QA/QC Report

June 06, 2014

QA/QC Data

SDG I.D.: GBG45785

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 274005, QC Sample No: BG42974 (BG45785)												
Thallium - Water	BRL	<0.002	<0.002	NC	102	99.0	3.0	95.9	93.1	3.0	75 - 125	20
QA/QC Batch 274011, QC Sample No: BG43036 (BG45785)												
Thallium (Dissolved)	BRL	<0.001	<0.001	NC	118	114	3.4	108	108	0.0	75 - 125	20
QA/QC Batch 274519, QC Sample No: BG45160 (BG45785)												
ICP Metals - Aqueous												
Aluminum	BRL	<0.010	<0.010	NC	100	97.9	2.1	97.5	104	6.5	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	101	103	2.0	100	99.3	0.7	75 - 125	20
Arsenic	BRL	<0.004	<0.004	NC	99.9	99.7	0.2	98.8	100	1.2	75 - 125	20
Barium	BRL	0.024	0.023	4.30	108	107	0.9	100	103	3.0	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	104	103	1.0	97.5	98.7	1.2	75 - 125	20
Cadmium	BRL	<0.001	<0.001	NC	100	101	1.0	91.9	92.0	0.1	75 - 125	20
Calcium	BRL	362	353	2.50	101	101	0.0	NC	NC	NC	75 - 125	20
Chromium	BRL	0.006	0.006	0	99.6	99.5	0.1	93.4	94.7	1.4	75 - 125	20
Cobalt	BRL	<0.002	<0.002	NC	103	103	0.0	94.8	95.9	1.2	75 - 125	20
Copper	BRL	<0.005	<0.005	NC	103	102	1.0	99.2	99.5	0.3	75 - 125	20
Iron	BRL	<0.010	<0.010	NC	103	103	0.0	95.4	96.7	1.4	75 - 125	20
Lead	BRL	<0.002	<0.002	NC	98.9	99.0	0.1	92.3	93.3	1.1	75 - 125	20
Magnesium	BRL	7.53	7.38	2.00	102	103	1.0	NC	NC	NC	75 - 125	20
Manganese	BRL	<0.001	<0.001	NC	101	102	1.0	94.7	94.6	0.1	75 - 125	20
Nickel	BRL	0.004	0.004	NC	103	103	0.0	93.6	94.8	1.3	75 - 125	20
Potassium	BRL	25.9	24.7	4.70	108	103	4.7	NC	NC	NC	75 - 125	20
Selenium	BRL	<0.010	<0.010	NC	96.8	97.4	0.6	95.8	95.3	0.5	75 - 125	20
Silver	BRL	<0.001	<0.001	NC	99.1	98.0	1.1	98.2	97.4	0.8	75 - 125	20
Sodium	BRL	250	242	3.30	91.9	85.4	7.3	NC	NC	NC	75 - 125	20
Vanadium	BRL	<0.002	0.002	NC	102	101	1.0	97.2	97.6	0.4	75 - 125	20
Zinc	BRL	0.011	0.011	0	100	101	1.0	97.7	98.8	1.1	75 - 125	20
QA/QC Batch 274673, QC Sample No: BG45585 (BG45785)												
Mercury - Water	BRL	<0.0002	<0.0002	NC	117	118	0.9	108	108	0.0	70 - 130	20
Comment:												
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.												
QA/QC Batch 274614, QC Sample No: BG45653 (BG45785)												
ICP Metals - Dissolved												
Aluminum	BRL	0.12	0.10	18.2	101	100	1.0	93.2	93.6	0.4	75 - 125	20
Antimony	BRL	<0.005	<0.005	NC	104	103	1.0	95.8	95.2	0.6	75 - 125	20
Arsenic	BRL	<0.004	<0.004	NC	102	100	2.0	97.0	97.3	0.3	75 - 125	20
Barium	BRL	0.035	0.035	0	111	110	0.9	102	102	0.0	75 - 125	20
Beryllium	BRL	<0.001	<0.001	NC	103	103	0.0	97.8	97.9	0.1	75 - 125	20
Cadmium	BRL	0.007	0.007	0	103	102	1.0	93.3	94.2	1.0	75 - 125	20
Calcium	BRL	39.4	39.2	0.50	103	102	1.0	NC	NC	NC	75 - 125	20
Chromium	BRL	0.002	0.002	NC	104	102	1.9	95.9	95.8	0.1	75 - 125	20
Cobalt	BRL	0.003	0.003	NC	108	106	1.9	98.5	98.0	0.5	75 - 125	20

QA/QC Data

SDG I.D.: GBG45785

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	105	103	1.9	97.2	98.0	0.8	75 - 125	20
Iron	BRL	12.4	12.4	0	107	106	0.9	NC	NC	NC	75 - 125	20
Lead	BRL	0.006	0.006	NC	104	102	1.9	95.1	94.0	1.2	75 - 125	20
Magnesium	BRL	7.14	7.18	0.60	107	105	1.9	NC	NC	NC	75 - 125	20
Manganese	BRL	2.64	2.51	5.00	105	104	1.0	91.4	92.2	0.9	75 - 125	20
Nickel	BRL	0.007	0.007	0	103	102	1.0	93.8	93.4	0.4	75 - 125	20
Potassium	BRL	16.1	15.9	1.30	111	110	0.9	92.0	88.7	3.7	75 - 125	20
Selenium	BRL	<0.011	<0.011	NC	97.4	96.9	0.5	94.1	93.7	0.4	75 - 125	20
Silver	BRL	<0.001	<0.001	NC	101	99.8	1.2	90.2	90.0	0.2	75 - 125	20
Sodium	BRL	115	113	1.80	111	110	0.9	NC	NC	NC	75 - 125	20
Vanadium	BRL	<0.002	<0.002	NC	105	103	1.9	98.1	98.4	0.3	75 - 125	20
Zinc	BRL	0.004	0.004	NC	103	102	1.0	96.4	96.2	0.2	75 - 125	20

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

QA/QC Report

June 06, 2014

QA/QC Data

SDG I.D.: GBG45785

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
QA/QC Batch 274633, QC Sample No: BG43840 (BG45785)										
Pesticides - Ground Water										
4,4' -DDD	ND	70	77	9.5				40 - 140	20	
4,4' -DDE	ND	73	79	7.9				40 - 140	20	
4,4' -DDT	ND	71	78	9.4				40 - 140	20	
a-BHC	ND	77	87	12.2				40 - 140	20	
a-Chlordane	ND	80	90	11.8				40 - 140	20	
Alachlor	ND	NA	NA	NC				40 - 140	20	
Aldrin	ND	76	88	14.6				40 - 140	20	
b-BHC	ND	81	91	11.6				40 - 140	20	
Chlordane	ND	75	84	11.3				40 - 140	20	
d-BHC	ND	53	62	15.7				40 - 140	20	
Dieldrin	ND	79	91	14.1				40 - 140	20	
Endosulfan I	ND	81	91	11.6				40 - 140	20	
Endosulfan II	ND	74	82	10.3				40 - 140	20	
Endosulfan sulfate	ND	67	72	7.2				40 - 140	20	
Endrin	ND	79	90	13.0				40 - 140	20	
Endrin aldehyde	ND	82	86	4.8				40 - 140	20	
Endrin ketone	ND	74	82	10.3				40 - 140	20	
g-BHC	ND	77	88	13.3				40 - 140	20	
g-Chlordane	ND	75	84	11.3				40 - 140	20	
Heptachlor	ND	79	91	14.1				40 - 140	20	
Heptachlor epoxide	ND	79	90	13.0				40 - 140	20	
Methoxychlor	ND	68	78	13.7				40 - 140	20	
Toxaphene	ND	NA	NA	NC				40 - 140	20	
% DCBP	105	63	70	10.5				30 - 150	20	
% TCMX	121	85	93	9.0				30 - 150	20	

Comment:

A LCS and LCS duplicate were performed instead of a MS and MSD. Alpha and gamma chlordane were spiked and analyzed instead of technical chlordane. Gamma chlordane recovery is reported in the LCS, LCSD, MS and MSD.

QA/QC Batch 274634, QC Sample No: BG45634 (BG45785)										
Polychlorinated Biphenyls - Ground Water										
PCB-1016	ND	84	87	3.5				40 - 140	20	
PCB-1221	ND							40 - 140	20	
PCB-1232	ND							40 - 140	20	
PCB-1242	ND							40 - 140	20	
PCB-1248	ND							40 - 140	20	
PCB-1254	ND							40 - 140	20	
PCB-1260	ND	93	103	10.2				40 - 140	20	
PCB-1262	ND							40 - 140	20	
PCB-1268	ND							40 - 140	20	
% DCBP (Surrogate Rec)	58	38	49	25.3				30 - 150	20	r
% TCMX (Surrogate Rec)	73	81	83	2.4				30 - 150	20	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
Comment:										
A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.										
QA/QC Batch 274611, QC Sample No: BG45785 (BG45785)										
Semivolatiles - Ground Water										
1,2,4,5-Tetrachlorobenzene	ND	84	84	0.0				30 - 130	20	
1,2,4-Trichlorobenzene	ND	86	86	0.0				30 - 130	20	
1,2-Dichlorobenzene	ND	80	80	0.0				30 - 130	20	
1,2-Diphenylhydrazine	ND	83	84	1.2				30 - 130	20	
1,3-Dichlorobenzene	ND	78	79	1.3				30 - 130	20	
1,4-Dichlorobenzene	ND	76	77	1.3				30 - 130	20	
2,4,5-Trichlorophenol	ND	98	97	1.0				30 - 130	20	
2,4,6-Trichlorophenol	ND	97	95	2.1				30 - 130	20	
2,4-Dichlorophenol	ND	91	92	1.1				30 - 130	20	
2,4-Dimethylphenol	ND	54	54	0.0				30 - 130	20	
2,4-Dinitrophenol	ND	104	103	1.0				30 - 130	20	
2,4-Dinitrotoluene	ND	89	90	1.1				30 - 130	20	
2,6-Dinitrotoluene	ND	98	98	0.0				30 - 130	20	
2-Chloronaphthalene	ND	89	90	1.1				30 - 130	20	
2-Chlorophenol	ND	83	83	0.0				30 - 130	20	
2-Methylnaphthalene	ND	87	86	1.2				30 - 130	20	
2-Methylphenol (o-cresol)	ND	83	83	0.0				30 - 130	20	
2-Nitroaniline	ND	126	131	3.9				30 - 130	20	I
2-Nitrophenol	ND	80	79	1.3				30 - 130	20	
3&4-Methylphenol (m&p-cresol)	ND	77	78	1.3				30 - 130	20	
3,3'-Dichlorobenzidine	ND	181	180	0.6				30 - 130	20	I
3-Nitroaniline	ND	147	151	2.7				30 - 130	20	I
4,6-Dinitro-2-methylphenol	ND	106	108	1.9				30 - 130	20	
4-Bromophenyl phenyl ether	ND	89	89	0.0				30 - 130	20	
4-Chloro-3-methylphenol	ND	102	103	1.0				30 - 130	20	
4-Chloroaniline	ND	75	75	0.0				30 - 130	20	
4-Chlorophenyl phenyl ether	ND	85	85	0.0				30 - 130	20	
4-Nitroaniline	ND	102	103	1.0				30 - 130	20	
4-Nitrophenol	ND	112	116	3.5				15 - 130	20	
Acenaphthene	ND	90	89	1.1				30 - 130	20	
Acenaphthylene	ND	88	88	0.0				30 - 130	20	
Acetophenone	ND	87	86	1.2				30 - 130	20	
Aniline	ND	76	76	0.0				30 - 130	20	
Anthracene	ND	90	92	2.2				30 - 130	20	
Benz(a)anthracene	0.02	91	92	1.1				30 - 130	20	
Benzidine	ND	>200	>200	NC				30 - 130	20	I
Benzo(a)pyrene	ND	81	81	0.0				30 - 130	20	
Benzo(b)fluoranthene	ND	87	86	1.2				30 - 130	20	
Benzo(ghi)perylene	ND	90	92	2.2				30 - 130	20	
Benzo(k)fluoranthene	ND	91	92	1.1				30 - 130	20	
Benzoic acid	ND	76	76	0.0				30 - 130	20	
Benzyl butyl phthalate	ND	89	89	0.0				30 - 130	20	
Bis(2-chloroethoxy)methane	ND	90	90	0.0				30 - 130	20	
Bis(2-chloroethyl)ether	ND	83	83	0.0				30 - 130	20	
Bis(2-chloroisopropyl)ether	ND	91	90	1.1				30 - 130	20	
Bis(2-ethylhexyl)phthalate	ND	92	92	0.0				30 - 130	20	
Carbazole	ND	145	146	0.7				30 - 130	20	I
Chrysene	ND	92	93	1.1				30 - 130	20	

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dibenz(a,h)anthracene	ND	85	87	2.3				30 - 130	20
Dibenzofuran	ND	91	92	1.1				30 - 130	20
Diethyl phthalate	ND	90	89	1.1				30 - 130	20
Dimethylphthalate	ND	89	89	0.0				30 - 130	20
Di-n-butylphthalate	ND	93	91	2.2				30 - 130	20
Di-n-octylphthalate	ND	90	90	0.0				30 - 130	20
Fluoranthene	ND	92	91	1.1				30 - 130	20
Fluorene	ND	90	90	0.0				30 - 130	20
Hexachlorobenzene	ND	85	83	2.4				30 - 130	20
Hexachlorobutadiene	ND	76	76	0.0				30 - 130	20
Hexachlorocyclopentadiene	ND	54	53	1.9				30 - 130	20
Hexachloroethane	ND	78	77	1.3				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	90	92	2.2				30 - 130	20
Isophorone	ND	98	98	0.0				30 - 130	20
Naphthalene	ND	84	83	1.2				30 - 130	20
Nitrobenzene	ND	87	87	0.0				30 - 130	20
N-Nitrosodimethylamine	ND	70	70	0.0				30 - 130	20
N-Nitrosodi-n-propylamine	ND	85	83	2.4				30 - 130	20
N-Nitrosodiphenylamine	ND	102	104	1.9				30 - 130	20
Pentachloronitrobenzene	ND	83	82	1.2				30 - 130	20
Pentachlorophenol	ND	100	97	3.0				30 - 130	20
Phenanthrene	ND	92	92	0.0				30 - 130	20
Phenol	ND	74	74	0.0				15 - 130	20
Pyrene	ND	94	94	0.0				30 - 130	20
Pyridine	ND	49	46	6.3				30 - 130	20
% 2,4,6-Tribromophenol	111	86	87	1.2				15 - 110	20
% 2-Fluorobiphenyl	99	83	84	1.2				30 - 130	20
% 2-Fluorophenol	78	65	64	1.6				15 - 110	20
% Nitrobenzene-d5	104	85	86	1.2				30 - 130	20
% Phenol-d5	76	70	70	0.0				15 - 110	20
% Terphenyl-d14	109	95	95	0.0				30 - 130	20

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 274688, QC Sample No: BG45786 (BG45785 (2X) , BG45786)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	98	107	8.8	93	92	1.1	70 - 130	30
1,1,1-Trichloroethane	ND	106	108	1.9	101	103	2.0	70 - 130	30
1,1,2,2-Tetrachloroethane	ND	87	102	15.9	90	88	2.2	70 - 130	30
1,1,2-Trichloroethane	ND	93	110	16.7	97	94	3.1	70 - 130	30
1,1-Dichloroethane	ND	96	102	6.1	92	96	4.3	70 - 130	30
1,1-Dichloroethene	ND	107	106	0.9	92	98	6.3	70 - 130	30
1,1-Dichloropropene	ND	108	106	1.9	97	98	1.0	70 - 130	30
1,2,3-Trichlorobenzene	ND	105	126	18.2	98	100	2.0	70 - 130	30
1,2,3-Trichloropropane	ND	93	108	14.9	97	98	1.0	70 - 130	30
1,2,4-Trichlorobenzene	ND	106	120	12.4	98	100	2.0	70 - 130	30
1,2,4-Trimethylbenzene	ND	113	119	5.2	104	106	1.9	70 - 130	30
1,2-Dibromo-3-chloropropane	ND	80	106	28.0	84	87	3.5	70 - 130	30
1,2-Dibromoethane	ND	91	108	17.1	97	97	0.0	70 - 130	30
1,2-Dichlorobenzene	ND	94	108	13.9	93	95	2.1	70 - 130	30
1,2-Dichloroethane	ND	97	112	14.4	104	105	1.0	70 - 130	30
1,2-Dichloropropane	ND	98	107	8.8	96	98	2.1	70 - 130	30

QA/QC Data

SDG I.D.: GBG45785

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits	
1,3,5-Trimethylbenzene	ND	108	111	2.7	99	103	4.0	70 - 130	30	
1,3-Dichlorobenzene	ND	100	107	6.8	95	97	2.1	70 - 130	30	
1,3-Dichloropropane	ND	96	112	15.4	100	97	3.0	70 - 130	30	
1,4-Dichlorobenzene	ND	98	105	6.9	92	95	3.2	70 - 130	30	
2,2-Dichloropropane	ND	110	110	0.0	75	74	1.3	70 - 130	30	
2-Chlorotoluene	ND	105	108	2.8	99	103	4.0	70 - 130	30	
2-Hexanone	ND	77	103	28.9	82	76	7.6	70 - 130	30	
2-Isopropyltoluene	ND	102	110	7.5	96	100	4.1	70 - 130	30	
4-Chlorotoluene	ND	106	114	7.3	97	100	3.0	70 - 130	30	
4-Methyl-2-pentanone	ND	77	102	27.9	79	79	0.0	70 - 130	30	
Acetone	ND	92	112	19.6	99	101	2.0	70 - 130	30	
Acrylonitrile	ND	88	106	18.6	92	89	3.3	70 - 130	30	
Benzene	ND	102	107	4.8	95	98	3.1	70 - 130	30	
Bromobenzene	ND	100	110	9.5	100	102	2.0	70 - 130	30	
Bromochloromethane	ND	93	110	16.7	98	97	1.0	70 - 130	30	
Bromodichloromethane	ND	93	104	11.2	97	99	2.0	70 - 130	30	
Bromoform	ND	87	107	20.6	88	88	0.0	70 - 130	30	
Bromomethane	ND	138	149	7.7	62	93	40.0	70 - 130	30	l,m,r
Carbon Disulfide	ND	92	90	2.2	81	84	3.6	70 - 130	30	
Carbon tetrachloride	ND	103	105	1.9	95	99	4.1	70 - 130	30	
Chlorobenzene	ND	99	104	4.9	92	92	0.0	70 - 130	30	
Chloroethane	ND	112	112	0.0	96	104	8.0	70 - 130	30	
Chloroform	ND	98	104	5.9	97	100	3.0	70 - 130	30	
Chloromethane	ND	130	133	2.3	92	100	8.3	70 - 130	30	l
cis-1,2-Dichloroethene	ND	101	110	8.5	98	99	1.0	70 - 130	30	
cis-1,3-Dichloropropene	ND	94	107	12.9	96	96	0.0	70 - 130	30	
Dibromochloromethane	ND	95	110	14.6	95	93	2.1	70 - 130	30	
Dibromomethane	ND	89	103	14.6	91	94	3.2	70 - 130	30	
Dichlorodifluoromethane	ND	147	142	3.5	86	93	7.8	70 - 130	30	l
Ethylbenzene	ND	108	109	0.9	98	98	0.0	70 - 130	30	
Hexachlorobutadiene	ND	88	97	9.7	85	87	2.3	70 - 130	30	
Isopropylbenzene	ND	111	112	0.9	101	103	2.0	70 - 130	30	
m&p-Xylene	ND	108	110	1.8	98	97	1.0	70 - 130	30	
Methyl ethyl ketone	ND	67	85	23.7	78	80	2.5	70 - 130	30	l
Methyl t-butyl ether (MTBE)	ND	79	98	21.5	86	87	1.2	70 - 130	30	
Methylene chloride	ND	82	89	8.2	82	88	7.1	70 - 130	30	
Naphthalene	ND	105	129	20.5	104	105	1.0	70 - 130	30	
n-Butylbenzene	ND	104	110	5.6	93	95	2.1	70 - 130	30	
n-Propylbenzene	ND	115	118	2.6	103	105	1.9	70 - 130	30	
o-Xylene	ND	99	102	3.0	93	93	0.0	70 - 130	30	
p-Isopropyltoluene	ND	107	114	6.3	99	102	3.0	70 - 130	30	
sec-Butylbenzene	ND	101	105	3.9	96	99	3.1	70 - 130	30	
Styrene	ND	95	101	6.1	89	90	1.1	70 - 130	30	
tert-Butylbenzene	ND	112	113	0.9	101	104	2.9	70 - 130	30	
Tetrachloroethene	ND	113	111	1.8	101	99	2.0	70 - 130	30	
Tetrahydrofuran (THF)	ND	82	115	33.5	106	102	3.8	70 - 130	30	r
Toluene	ND	104	108	3.8	97	99	2.0	70 - 130	30	
trans-1,2-Dichloroethene	ND	100	104	3.9	96	99	3.1	70 - 130	30	
trans-1,3-Dichloropropene	ND	93	109	15.8	97	96	1.0	70 - 130	30	
trans-1,4-dichloro-2-butene	ND	93	114	20.3	80	79	1.3	70 - 130	30	
Trichloroethene	ND	107	107	0.0	95	102	7.1	70 - 130	30	
Trichlorofluoromethane	ND	108	106	1.9	91	97	6.4	70 - 130	30	
Trichlorotrifluoroethane	ND	100	98	2.0	91	86	5.6	70 - 130	30	

QA/QC Data

SDG I.D.: GBG45785

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Vinyl chloride	ND	118	120	1.7	89	92	3.3	70 - 130	30
% 1,2-dichlorobenzene-d4	103	97	99	2.0	98	99	1.0	70 - 130	30
% Bromofluorobenzene	85	98	100	2.0	99	98	1.0	70 - 130	30
% Dibromofluoromethane	106	99	97	2.0	101	99	2.0	70 - 130	30
% Toluene-d8	100	96	98	2.1	100	99	1.0	70 - 130	30

Comment:

A blank MS/MSD was analyzed with this batch.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%.

l = This parameter is outside laboratory lcs/lcsd specified recovery limits.
m = This parameter is outside laboratory ms/msd specified recovery limits.
r = This parameter is outside laboratory rpd specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 06, 2014

Sample Criteria Exceedences Report

GBG45785 - ESPL

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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

NY Temperature Narration

June 06, 2014

SDG I.D.: GBG45785

The samples in this delivery group were received at 4°C.
(Note acceptance criteria is above freezing up to 6°C)

4°C WICIP

Cooler: Yes ☐ No ☐
Coolant: IPK ☐ ICE ☐ No ☐

NY/NJ CHAIN OF CUSTODY RECORD

Temp 70 °F Pg 1 of 1

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

Contact Options:
☐ Fax: 212-330-7505
☐ Phone: 212-330-7501
☐ Email: mail@ESPL.com

Customer: ESPL Env. Consultants Corp.
Address: 2W 32 St.
NY NY 10001

Project: 131-3
Report to: Ray Kahn
Invoice to: ESPL

Project P.O:

This section MUST be completed with Bottle Quantities.

Sampler's Signature: Ray Kahn Date: 5/15/14

Client Sample - Information - Identification

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe
OIL=Oil **B**=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	VOC (8260)	SVOC (8270)	PCB	PST	TAL metals (Filtered) (unfiltered)						Soil VOA Vials [ ] methanol [ ] H2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ] H2SO4	PL As is [X] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [X] 250ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
45785	MW-1	GW	5/15/14	4:00P	X	X	X	X	X	X								3	4	1	1			
45786	Blank																	2	1					

Relinquished by:	Accepted by:	Date:	Time:
Ray Kahn	R Kemp	5/16/14	1110
R Kemp	TMuller	5/16/14	16:06

Comments, Special Requirements or Regulations:

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 5 Days
☐ 10 Days
☐ Other
* SURCHARGE APPLIES
Std.

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ GW Criteria

NY
☐ TAGM 4046 GW
☐ TAGM 4046 SOIL
☐ NY375 Unrestricted Use Soil
☐ NY375 Residential Soil
☐ Restricted/Residential
☐ Commercial
☐ Industrial

Data Format
☐ Phoenix Std Report
☒ Excel
☒ PDF
☐ GIS/Kev
☐ 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

Soil Vapor Analysis

PHOENIX
Environmental Laboratories, Inc.

Friday, May 16, 2014

Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Project ID: 131-3
Sample ID#s: BG42840 - BG42842

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

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 16, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RL	05/06/14	12:00
Location Code:	ESPL	Received by:	SW	05/09/14	10:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	131-1				

Laboratory Data

SDG ID: GBG42840
Phoenix ID: BG42840

Project ID: 131-3
Client ID: SVP-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*	05/12/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	05/12/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	05/12/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	05/12/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	05/12/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	05/12/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	05/12/14	KCA	TO15	
1,2,4-Trimethylbenzene	1.84	*0.204*	9.04	*1.00*	05/12/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	05/12/14	KCA	TO15	
1,3,5-Trimethylbenzene	1.07	*0.204*	5.26	*1.00*	05/12/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	05/12/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/12/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/12/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	05/12/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	05/12/14	KCA	TO15	1
4-Ethyltoluene	0.830	*0.204*	4.08	*1.00*	05/12/14	KCA	TO15	1
4-Isopropyltoluene	0.200	*0.182*	1.10	*1.00*	05/12/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	05/12/14	KCA	TO15	
Acetone	75.8	*0.421*	180	*1.00*	05/12/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	05/12/14	KCA	TO15	
Benzene	0.780	*0.313*	2.49	*1.00*	05/12/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	05/12/14	KCA	TO15	

Project ID: 131-3
Client ID: SVP-1

Phoenix I.D.: BG42840

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	05/12/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	05/12/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	05/12/14	KCA	TO15	
Carbon Disulfide	3.04	*0.321*	9.46	*1.00*	05/12/14	KCA	TO15	
Carbon Tetrachloride	3.60	*0.040*	22.6	*0.25*	05/12/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	05/12/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	05/12/14	KCA	TO15	
Chloroform	0.310	*0.205*	1.51	*1.00*	05/12/14	KCA	TO15	
Chloromethane	ND	*0.484*	ND	*1.00*	05/12/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/12/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/12/14	KCA	TO15	
Cyclohexane	1.30	*0.291*	4.47	*1.00*	05/12/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	05/12/14	KCA	TO15	
Dichlorodifluoromethane	0.530	*0.202*	2.62	*1.00*	05/12/14	KCA	TO15	
Ethanol	4.00	*0.531*	7.53	*1.00*	05/12/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	05/12/14	KCA	TO15	1
Ethylbenzene	1.90	*0.230*	8.24	*1.00*	05/12/14	KCA	TO15	
Heptane	1.06	*0.244*	4.34	*1.00*	05/12/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	05/12/14	KCA	TO15	
Hexane	2.69	*0.284*	9.48	*1.00*	05/12/14	KCA	TO15	
Isopropylalcohol	0.620	*0.407*	1.52	*1.00*	05/12/14	KCA	TO15	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	05/12/14	KCA	TO15	
m,p-Xylene	6.01	*0.230*	26.1	*1.00*	05/12/14	KCA	TO15	
Methyl Ethyl Ketone	4.35	*0.339*	12.8	*1.00*	05/12/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	05/12/14	KCA	TO15	
Methylene Chloride	ND	*0.288*	ND	*1.00*	05/12/14	KCA	TO15	
n-Butylbenzene	0.230	*0.182*	1.26	*1.00*	05/12/14	KCA	TO15	1
o-Xylene	2.66	*0.230*	11.5	*1.00*	05/12/14	KCA	TO15	
Propylene	7.68	*0.581*	13.2	*1.00*	05/12/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	05/12/14	KCA	TO15	1
Styrene	ND	*0.235*	ND	*1.00*	05/12/14	KCA	TO15	
Tetrachloroethene	7.82	*0.037*	53.0	*0.25*	05/12/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	05/12/14	KCA	TO15	1
Toluene	5.15	*0.266*	19.4	*1.00*	05/12/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/12/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/12/14	KCA	TO15	
Trichloroethene	1.85	*0.047*	9.94	*0.25*	05/12/14	KCA	TO15	
Trichlorofluoromethane	0.260	*0.178*	1.46	*1.00*	05/12/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	05/12/14	KCA	TO15	
Vinyl Chloride	ND	*0.098*	ND	*0.25*	05/12/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	118	*%*	118	*%*	05/12/14	KCA	TO15	

Project ID: 131-3
Client ID: SVP-1

Phoenix I.D.: BG42840

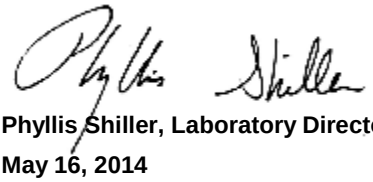
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

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 16, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 16, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RL	05/06/14	12:05
Location Code:	ESPL	Received by:	SW	05/09/14	10:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	131-1				

Laboratory Data

SDG ID: GBG42840
Phoenix ID: BG42841

Project ID: 131-3
Client ID: SVP-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*	05/12/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	05/12/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	05/12/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	05/12/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	05/12/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	05/12/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	05/12/14	KCA	TO15	
1,2,4-Trimethylbenzene	21.2	*0.204*	104	*1.00*	05/12/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-Dichloroethane	2.03	*0.247*	8.21	*1.00*	05/12/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	05/12/14	KCA	TO15	
1,3,5-Trimethylbenzene	15.4	*0.204*	75.7	*1.00*	05/12/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	05/12/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/12/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/12/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	05/12/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	05/12/14	KCA	TO15	1
4-Ethyltoluene	8.77	*0.204*	43.1	*1.00*	05/12/14	KCA	TO15	1
4-Isopropyltoluene	1.03	*0.182*	5.65	*1.00*	05/12/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	05/12/14	KCA	TO15	
Acetone	435	*0.421*	1030	*1.00*	05/12/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	05/12/14	KCA	TO15	
Benzene	11.3	*0.313*	36.1	*1.00*	05/12/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	05/12/14	KCA	TO15	

Project ID: 131-3
Client ID: SVP-2

Phoenix I.D.: BG42841

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	05/12/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	05/12/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	05/12/14	KCA	TO15	
Carbon Disulfide	6.95	*0.321*	21.6	*1.00*	05/12/14	KCA	TO15	
Carbon Tetrachloride	1.91	*0.040*	12.0	*0.25*	05/12/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	05/12/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	05/12/14	KCA	TO15	
Chloroform	4.01	*0.205*	19.6	*1.00*	05/12/14	KCA	TO15	
Chloromethane	0.890	*0.484*	1.84	*1.00*	05/12/14	KCA	TO15	
Cis-1,2-Dichloroethene	0.480	*0.252*	1.90	*1.00*	05/12/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/12/14	KCA	TO15	
Cyclohexane	140	*0.291*	482	*1.00*	05/12/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	05/12/14	KCA	TO15	
Dichlorodifluoromethane	0.550	*0.202*	2.72	*1.00*	05/12/14	KCA	TO15	
Ethanol	8.80	*0.531*	16.6	*1.00*	05/12/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	05/12/14	KCA	TO15	1
Ethylbenzene	42.6	*0.230*	185	*1.00*	05/12/14	KCA	TO15	
Heptane	265	*0.244*	1080	*1.00*	05/12/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	05/12/14	KCA	TO15	
Hexane	156	*0.284*	550	*1.00*	05/12/14	KCA	TO15	
Isopropylalcohol	4.02	*0.407*	9.88	*1.00*	05/12/14	KCA	TO15	
Isopropylbenzene	6.14	*0.204*	30.2	*1.00*	05/12/14	KCA	TO15	
m,p-Xylene	233	*0.230*	1010	*1.00*	05/12/14	KCA	TO15	
Methyl Ethyl Ketone	76.0	*0.339*	224	*1.00*	05/12/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	05/12/14	KCA	TO15	
Methylene Chloride	0.430	*0.288*	1.49	*1.00*	05/12/14	KCA	TO15	
n-Butylbenzene	0.920	*0.182*	5.05	*1.00*	05/12/14	KCA	TO15	1
o-Xylene	113	*0.230*	490	*1.00*	05/12/14	KCA	TO15	
Propylene	35.6	*0.581*	61.2	*1.00*	05/12/14	KCA	TO15	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	05/12/14	KCA	TO15	1
Styrene	1.06	*0.235*	4.51	*1.00*	05/12/14	KCA	TO15	
Tetrachloroethene	5.80	*0.037*	39.3	*0.25*	05/12/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	05/12/14	KCA	TO15	1
Toluene	307	*0.266*	1160	*1.00*	05/12/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/12/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/12/14	KCA	TO15	
Trichloroethene	7.28	*0.047*	39.1	*0.25*	05/12/14	KCA	TO15	
Trichlorofluoromethane	0.350	*0.178*	1.96	*1.00*	05/12/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	05/12/14	KCA	TO15	
Vinyl Chloride	0.110	*0.098*	0.281	*0.25*	05/12/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	Interference	*%*	Interference	*%*	05/12/14	KCA	TO15	

Project ID: 131-3
Client ID: SVP-2

Phoenix I.D.: BG42841

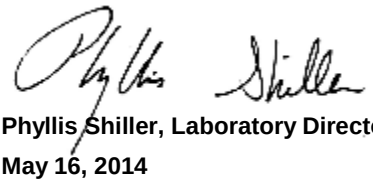
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

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 16, 2014

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

May 16, 2014

FOR: Attn: Mr. Ray Kahn
ESPL
2 West 32nd Street
Suite 504
New York, NY 10001

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	RL	05/06/14	12:10
Location Code:	ESPL	Received by:	SW	05/09/14	10:20
Rush Request:	72 Hour	Analyzed by:	see "By" below		
P.O.#:	131-1				

Laboratory Data

SDG ID: GBG42840
Phoenix ID: BG42842

Project ID: 131-3
Client ID: SVP-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*	05/12/14	KCA	TO15	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	05/12/14	KCA	TO15	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	05/12/14	KCA	TO15	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	05/12/14	KCA	TO15	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	05/12/14	KCA	TO15	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	05/12/14	KCA	TO15	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	05/12/14	KCA	TO15	
1,2,4-Trimethylbenzene	89.8	*0.204*	441	*1.00*	05/12/14	KCA	TO15	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-Dichloroethane	0.660	*0.247*	2.67	*1.00*	05/12/14	KCA	TO15	
1,2-dichloropropane	ND	*0.216*	ND	*1.00*	05/12/14	KCA	TO15	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	05/12/14	KCA	TO15	
1,3,5-Trimethylbenzene	120	*0.204*	590	*1.00*	05/12/14	KCA	TO15	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	05/12/14	KCA	TO15	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/12/14	KCA	TO15	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	05/12/14	KCA	TO15	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	05/12/14	KCA	TO15	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	05/12/14	KCA	TO15	1
4-Ethyltoluene	38.9	*0.204*	191	*1.00*	05/12/14	KCA	TO15	1
4-Isopropyltoluene	6.71	*0.182*	36.8	*1.00*	05/12/14	KCA	TO15	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	05/12/14	KCA	TO15	
Acetone	138	*0.421*	328	*1.00*	05/12/14	KCA	TO15	
Acrylonitrile	ND	*0.461*	ND	*1.00*	05/12/14	KCA	TO15	
Benzene	4.50	*0.313*	14.4	*1.00*	05/12/14	KCA	TO15	
Benzyl chloride	ND	*0.193*	ND	*1.00*	05/12/14	KCA	TO15	

Project ID: 131-3
Client ID: SVP-3

Phoenix I.D.: BG42842

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	05/12/14	KCA	TO15	
Bromoform	ND	*0.097*	ND	*1.00*	05/12/14	KCA	TO15	
Bromomethane	ND	*0.258*	ND	*1.00*	05/12/14	KCA	TO15	
Carbon Disulfide	7.60	*0.321*	23.6	*1.00*	05/12/14	KCA	TO15	
Carbon Tetrachloride	2.62	*0.040*	16.5	*0.25*	05/12/14	KCA	TO15	
Chlorobenzene	ND	*0.217*	ND	*1.00*	05/12/14	KCA	TO15	
Chloroethane	ND	*0.379*	ND	*1.00*	05/12/14	KCA	TO15	
Chloroform	0.390	*0.205*	1.90	*1.00*	05/12/14	KCA	TO15	
Chloromethane	0.730	*0.484*	1.51	*1.00*	05/12/14	KCA	TO15	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/12/14	KCA	TO15	
cis-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/12/14	KCA	TO15	
Cyclohexane	40.8	*0.291*	140	*1.00*	05/12/14	KCA	TO15	
Dibromochloromethane	ND	*0.117*	ND	*1.00*	05/12/14	KCA	TO15	
Dichlorodifluoromethane	0.550	*0.202*	2.72	*1.00*	05/12/14	KCA	TO15	
Ethanol	7.33	*0.531*	13.8	*1.00*	05/12/14	KCA	TO15	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	05/12/14	KCA	TO15	1
Ethylbenzene	22.2	*0.230*	96.3	*1.00*	05/12/14	KCA	TO15	
Heptane	57.2	*0.244*	234	*1.00*	05/12/14	KCA	TO15	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	05/12/14	KCA	TO15	
Hexane	67.3	*0.284*	237	*1.00*	05/12/14	KCA	TO15	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	05/12/14	KCA	TO15	
Isopropylbenzene	10.5	*0.204*	51.6	*1.00*	05/12/14	KCA	TO15	
m,p-Xylene	114	*0.230*	495	*1.00*	05/12/14	KCA	TO15	
Methyl Ethyl Ketone	10.2	*0.339*	30.1	*1.00*	05/12/14	KCA	TO15	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	05/12/14	KCA	TO15	
Methylene Chloride	0.680	*0.288*	2.36	*1.00*	05/12/14	KCA	TO15	
n-Butylbenzene	9.22	*0.182*	50.6	*1.00*	05/12/14	KCA	TO15	1
o-Xylene	117	*0.230*	508	*1.00*	05/12/14	KCA	TO15	
Propylene	24.5	*0.581*	42.1	*1.00*	05/12/14	KCA	TO15	1
sec-Butylbenzene	7.17	*0.182*	39.3	*1.00*	05/12/14	KCA	TO15	1
Styrene	0.470	*0.235*	2.00	*1.00*	05/12/14	KCA	TO15	
Tetrachloroethene	1.57	*0.037*	10.6	*0.25*	05/12/14	KCA	TO15	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	05/12/14	KCA	TO15	1
Toluene	66.8	*0.266*	252	*1.00*	05/12/14	KCA	TO15	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	05/12/14	KCA	TO15	
trans-1,3-Dichloropropene	ND	*0.220*	ND	*1.00*	05/12/14	KCA	TO15	
Trichloroethene	1.36	*0.047*	7.30	*0.25*	05/12/14	KCA	TO15	
Trichlorofluoromethane	0.260	*0.178*	1.46	*1.00*	05/12/14	KCA	TO15	
Trichlorotrifluoroethane	ND	*0.130*	ND	*1.00*	05/12/14	KCA	TO15	
Vinyl Chloride	0.320	*0.098*	0.817	*0.25*	05/12/14	KCA	TO15	
QA/QC Surrogates								
% Bromofluorobenzene	Interference	*%*	Interference	*%*	05/12/14	KCA	TO15	

Project ID: 131-3
Client ID: SVP-3

Phoenix I.D.: BG42842

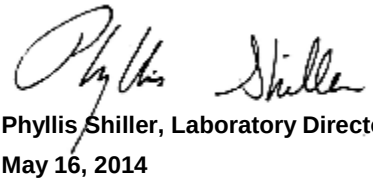
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Reference

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 16, 2014

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

QA/QC Report

May 16, 2014

QA/QC Data

SDG I.D.: GBG42840

Parameter	Blank ppbv	Blank ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 274351, QC Sample No: BG42840 (BG42840, BG42841, BG42842)										
Volatiles										
1,1,1,2-Tetrachloroethane	ND	ND	112	ND	ND	ND	ND	NC	70 - 130	20
1,1,1-Trichloroethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
1,1,2,2-Tetrachloroethane	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
1,1,2-Trichloroethane	ND	ND	99	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethane	ND	ND	93	ND	ND	ND	ND	NC	70 - 130	20
1,1-Dichloroethene	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trichlorobenzene	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
1,2,4-Trimethylbenzene	ND	ND	96	9.04	9.04	1.84	1.84	0.0	70 - 130	20
1,2-Dibromoethane(EDB)	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorobenzene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichloroethane	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
1,2-dichloropropane	ND	ND	97	ND	ND	ND	ND	NC	70 - 130	20
1,2-Dichlorotetrafluoroethane	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
1,3,5-Trimethylbenzene	ND	ND	94	5.26	5.26	1.07	1.07	0.0	70 - 130	20
1,3-Butadiene	ND	ND	88	ND	ND	ND	ND	NC	70 - 130	20
1,3-Dichlorobenzene	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dichlorobenzene	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
1,4-Dioxane	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
2-Hexanone(MBK)	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
4-Ethyltoluene	ND	ND	95	4.08	4.13	0.830	0.840	1.2	70 - 130	20
4-Isopropyltoluene	ND	ND	94	1.10	1.10	0.200	0.200	0.0	70 - 130	20
4-Methyl-2-pentanone(MIBK)	ND	ND	98	ND	ND	ND	ND	NC	70 - 130	20
Acetone	ND	ND	87	172	175	72.7	73.6	1.2	70 - 130	20
Acrylonitrile	ND	ND	94	ND	ND	ND	ND	NC	70 - 130	20
Benzene	ND	ND	94	2.49	2.59	0.780	0.810	3.8	70 - 130	20
Benzyl chloride	ND	ND	>140	ND	ND	ND	ND	NC	70 - 130	20
Bromodichloromethane	ND	ND	107	ND	ND	ND	ND	NC	70 - 130	20
Bromoform	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Bromomethane	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
Carbon Disulfide	ND	ND	95	9.46	9.74	3.04	3.13	2.9	70 - 130	20
Carbon Tetrachloride	ND	ND	113	22.6	22.4	3.60	3.57	0.8	70 - 130	20
Chlorobenzene	ND	ND	90	ND	ND	ND	ND	NC	70 - 130	20
Chloroethane	ND	ND	87	ND	ND	ND	ND	NC	70 - 130	20
Chloroform	ND	ND	91	1.51	1.56	0.310	0.320	3.2	70 - 130	20
Chloromethane	ND	ND	83	ND	ND	ND	ND	NC	70 - 130	20
Cis-1,2-Dichloroethene	ND	ND	102	ND	ND	ND	ND	NC	70 - 130	20
cis-1,3-Dichloropropene	ND	ND	109	ND	ND	ND	ND	NC	70 - 130	20
Cyclohexane	ND	ND	92	4.47	4.58	1.30	1.33	2.3	70 - 130	20
Dibromochloromethane	ND	ND	117	ND	ND	ND	ND	NC	70 - 130	20
Dichlorodifluoromethane	ND	ND	96	2.62	2.67	0.530	0.540	1.9	70 - 130	20
Ethanol	ND	ND	84	7.53	7.83	4.00	4.16	3.9	70 - 130	20

QA/QC Data

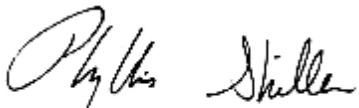
SDG I.D.: GBG42840

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	109	ND	ND	ND	ND	NC	70 - 130	20
Ethylbenzene	ND	ND	96	8.24	8.20	1.90	1.89	0.5	70 - 130	20
Heptane	ND	ND	76	4.34	4.46	1.06	1.09	2.8	70 - 130	20
Hexachlorobutadiene	ND	ND	83	ND	ND	ND	ND	NC	70 - 130	20
Hexane	ND	ND	90	9.48	10.0	2.69	2.85	5.8	70 - 130	20
Isopropylalcohol	ND	ND	94	1.52	1.60	0.620	0.650	4.7	70 - 130	20
Isopropylbenzene	ND	ND	96	ND	ND	ND	ND	NC	70 - 130	20
m,p-Xylene	ND	ND	97	26.1	26.0	6.01	6.00	0.2	70 - 130	20
Methyl Ethyl Ketone	ND	ND	94	12.8	12.7	4.35	4.32	0.7	70 - 130	20
Methyl tert-butyl ether(MTBE)	ND	ND	104	ND	ND	ND	ND	NC	70 - 130	20
Methylene Chloride	ND	ND	77	ND	ND	ND	ND	NC	70 - 130	20
n-Butylbenzene	ND	ND	99	1.26	1.26	0.230	0.230	0.0	70 - 130	20
o-Xylene	ND	ND	94	11.5	11.0	2.66	2.54	4.6	70 - 130	20
Propylene	ND	ND	93	13.2	14.6	7.68	8.51	10.3	70 - 130	20
sec-Butylbenzene	ND	ND	92	ND	ND	ND	ND	NC	70 - 130	20
Styrene	ND	ND	101	ND	ND	ND	ND	NC	70 - 130	20
Tetrachloroethene	ND	ND	105	53.0	52.3	7.82	7.71	1.4	70 - 130	20
Tetrahydrofuran	ND	ND	100	ND	ND	ND	ND	NC	70 - 130	20
Toluene	ND	ND	99	19.4	19.3	5.15	5.13	0.4	70 - 130	20
Trans-1,2-Dichloroethene	ND	ND	91	ND	ND	ND	ND	NC	70 - 130	20
trans-1,3-Dichloropropene	ND	ND	118	ND	ND	ND	ND	NC	70 - 130	20
Trichloroethene	ND	ND	95	9.94	9.88	1.85	1.84	0.5	70 - 130	20
Trichlorofluoromethane	ND	ND	96	1.46	1.40	0.260	0.250	3.9	70 - 130	20
Trichlorotrifluoroethane	ND	ND	86	ND	ND	ND	ND	NC	70 - 130	20
Vinyl Chloride	ND	ND	84	ND	ND	ND	ND	NC	70 - 130	20
% Bromofluorobenzene	105	105	96	118	117	118	117	0.9	70 - 130	20

I = This parameter is outside laboratory lcs/lcsd 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 16, 2014

Sample Criteria Exceedences Report

GBG42840 - ESPL

Criteria: None

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

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. # 131-1 Page 1 of 1

Data Delivery:
- ☒ Fax #:
- ☒ Email: Mail@ESPL.com
- ☐ Phone #:

Report to: ESPL
Customer: ESPL
Address: 2W32nd St.
NY NY 10001

Invoice to: ESPL Env. Consultants

Project Name: ~~131-3~~ 131-3

Requested Deliverable:
RCP ☐ ASP CAT B ☐
MCP ☐ NJ Deliverables ☐

Sampled by: RL.

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	
42840	SVP-1	11287	6.0	-30	-5	4959	41.6	10:00	12:00	5/6/14	30	-4		X			X
42841	SVP-2	495	↓	↓	-20	4977	↓	10:05	12:05	5/6/14	30	-4		X			X
42842	SVP-3	470	↓	↓	-20	3408	↓	10:10	12:10	5/6/14	30	-4		X			X
	6L 2hr																

Relinquished by: Ray K

Accepted by: Wilhelm Date: 5/9/14 Time: 10:20

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

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
C.O.C. not rec'd until 2 days later. (SV)

Requested Criteria

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: Ray K Date: 5/7/14