

**Webster III – 2981 Webster Avenue  
BRONX, NEW YORK**

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# **Remedial Investigation Report**

**NYC OER Site Number: 13EHAN187X  
NYC VCP Project Number: 13CVCP131X  
E-Designation Site Number: E-249**

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# REMEDIAL INVESTIGATION REPORT

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## LIST OF ACRONYMS

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

## CERTIFICATION

I, Deborah J. Thompson, 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 Tyler Bronx Tunnel, LLC, (NYC OER Site No. 13CVCP131X). 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.

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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 in the Bedford Park section of Bronx, New York and is identified as Block 3280 and Lot number 48 on the New York City Tax Map. Figure number 1 is a Site location map. The Site is 7,561 square feet and is bordered to the northeast by a three-story structure which houses ground floor commercial store fronts and upper level residential apartments and East 201st Street, to the southeast by Webster Avenue and a mixed-use building (Botanical Square), to the southwest by a commercial business (Vanity Fair Bathmart - 2971 Webster Avenue), and to the northwest by residential properties (single and multi-family) located along Decatur Avenue. The site topography is generally level and at grade with neighboring roadways. See Figure 2 for surrounding land use. Currently, the Site houses a vacant commercial establishment and an empty lot which are awaiting demolition and development. The existing structure utilized by the commercial establishment includes a one-story, circa-1928 structure (~25' x120') is used as a plumbing supply storage warehouse. Active site use ceased in April of 2012. The undeveloped portion of the property is used for vehicle parking purposes. The parcel formerly contained a five-story mixed-use building that was demolished as a result of fire damage in the mid-1980's.

### **Summary of Proposed Redevelopment Plan**

The proposed use of the Site will consist of an eight-story apartment housing structure with a cellar. Maximum excavation for the cellar is planned to be no greater than 9' 4" below sidewalk elevation. Layout of the proposed site development is presented in Figure 3. The current zoning designation is Residential R7D. The character of moderate and higher density R7D districts are generally found close to central and regional business districts and are usually

mapped in proximity to mass transit. However, the character of these neighborhoods varies widely.

The rectangular shaped 0.17-acre parcel is currently awaiting demolition and development. It has 62.5 feet of lot frontage with a lot depth of 120.98 feet. Planned site improvement work includes the construction of an eight-story apartment complex with a rear yard. The building will contain forty-six units. The basement level will house mechanical and utility meter rooms, tenant laundry center, boiler room (natural gas fired system), refuse storage area, and service connections. The building will be serviced by one passenger elevator and an interior stairway. The newly developed building footprint area is 62' wide by 60' deep. Gross building square footage is approximately 25,280 feet. No on-site vehicle parking will be provided. The proposed development will not cover the entire footprint of the site as nearly half the property will be slated as a recreational area (see Figure 3). As the proposed site improvement work includes a building with a basement area, the planned maximum depth of excavation would be no greater than 9'4" below sidewalk grade. Additional site improvement also calls for the installation of an elevator with an estimated depth of excavation at five feet below grade. Earth moving would include the area within the building footprint, with a total maximum volume of approximately 1,274 yd<sup>3</sup>. The excavation for the site structure is not anticipated to be below the groundwater table.

### **Summary of Past Uses of Site and Areas of Concern**

The following environmental work plans and reports were developed for the Site:

*Phase I Environmental Site Assessment,*

July 6, 2012, prepared by Team Environmental Consultants, Inc.

Digital (PDF) copies of the above referenced reports are included in in Appendix A.

This Phase I identified no recognized environmental conditions (RECs) on the subject property.

### **Summary of the Work Performed under the Remedial Investigation**

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);

2. Installed four soil borings across the entire project Site, and collected eight (including one duplicate sample) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three temporary groundwater monitoring wells throughout the Site to establish groundwater flow, and collected four (including one duplicate sample) groundwater samples for chemical analysis to evaluate groundwater quality;
4. Installation of three soil vapor probes around Site perimeter and collected three samples for chemical analysis.

### **Summary of Environmental Findings**

1. Elevation of the property ranges from 62.25 to 63.75 feet.
2. Depth to groundwater ranges from 10.02 to 10.89 feet at the Site.
3. Groundwater flow is generally from west to east beneath the Site.
4. Bedrock was not encountered during the RI at the Site.
5. The stratigraphy of the site, from the surface down, consists of mixed fill underlain by fine to coarse sands.
6. Soil/fill samples collected during the RI showed no VOCs at detectable concentrations above Unrestricted Use (Track I) SCOs. Low levels of acetone (maximum 9.2 ppb) and methylene chloride (maximum 1.5 ppb) were detected in four soil samples. Three pesticides including 4-4'-DDE (at 4.45 ppb), 4-4'-DDT (ranging from 3.7 to 18.5 ppb) and dieldrin (at 7 ppb) were reported above Track I SCOs, but below Restricted Residential SCOs. Total PCBs were non detect in all samples. Several SVOCs were detected at a concentration above Restricted Residential SCOs and included benzo(a)anthracene (3,770 ppb), benzo(a) pyrene (2,800 ppb), benzo(b)fluoranthene (2,220 ppb), chrysene (3,970 ppb), and indeno(1, 2, 3)pyrene (1,340 ppb). Four metals including chromium (maximum 31 ppm), lead (maximum 309 ppm), selenium (maximum 4.8 ppm) and zinc (maximum 964 ppm) exceeded Unrestricted Use SCOs but

all values were well below Track II Restricted Residential SCOs. Overall, findings for soil were unremarkable and did not show a source of contamination on this property.

7. Groundwater samples collected during the RI showed no detectable concentrations of SVOCs and PCBs in any of the groundwater samples. VOCs were not detected in groundwater except trace concentrations of chloroform (maximum 2.0 ug/L) and tetrachloroethene (maximum 3.0 ug/L) in all four groundwater samples, and below Groundwater Quality Standards (GQS). Two pesticides (dieldrin and 4,4-DDT) were detected in groundwater at trace concentrations. Several metals including aluminum (maximum 0.066 ppm) barium (maximum 0.198 ppm), calcium (maximum 72.1 ppm), iron (maximum 0.108 ppm), magnesium (maximum 18.7 ppm), manganese (maximum 0.265 ppm), potassium (maximum 7.03 ppm), sodium (maximum 127 ppm) and zinc (maximum 0.026) were detected in groundwater, and of these, sodium was the only metal in groundwater to exceed GQS in all four samples. Overall, findings for groundwater were unremarkable and did not show a source of contamination on this property.
8. Soil vapor samples collected during the RI showed low level detections for volatile organic related compounds. With the exception of acetone (max of 140  $\mu\text{g}/\text{m}^3$ ) and carbon disulfide (max of 110  $\mu\text{g}/\text{m}^3$ ), all compounds were detected at concentrations less than 10  $\mu\text{g}/\text{m}^3$ . PCE was detected in all three vapor samples ranging from 1.3  $\mu\text{g}/\text{m}^3$  – 28  $\mu\text{g}/\text{m}^3$ . TCE was detected in all three vapor samples ranging from 0.62  $\mu\text{g}/\text{m}^3$  – 2.3  $\mu\text{g}/\text{m}^3$ . These PCE and TCE levels were below New York State DOH soil vapor guidance matrix. Soil vapor concentrations reported within samples collected will not require mitigation according to the State DOH soil vapor guidance matrix. TCA and vinyl chloride were not detected in any of soil vapor samples. TCE was not detected in groundwater while PCE was detected at low levels (ranging from 1.7 ug/L – 3.0 ug/L) in groundwater samples.

# REMEDIAL INVESTIGATION REPORT

## 1.0 SITE BACKGROUND

An E-Designation for Hazardous Materials (E-249) was placed on the Site by the New York City Department of City Planning (DCP) as part of the October 5, 2011, Bedford Park rezoning action (CEQR number 10DCP035X). As Tyler's Bronx Tunnel, LLC has committed to investigate and remediate the 7,561 square foot site located at 2981 Webster Avenue in the Bedford Park section of Bronx, New York, the site has been assigned project number 13EH-AN187X by OER. Residential use is proposed for the property. The RI work was performed on November 12, 2012. 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 in the Bedford Park section of Bronx, New York and is identified as Block 3280 and Lot number 45 on the New York City Tax Map. Figure number 1 is a Site location map. The Site is 7,561 square feet and is bordered to the northeast by a three-story structure which houses ground floor commercial store fronts and upper level residential apartments and East 201st Street, to the southeast by Webster Avenue and a mixed-use building (Botanical Square), to the southwest by a commercial business (Vanity Fair Bathmart - 2971 Webster Avenue), and to the northwest by residential properties (single and multi-family) located along Decatur Avenue. The site topography is generally level and at grade with neighboring roadways. See Figure 2 for surrounding land use. Currently, the Site houses a vacant commercial establishment and an empty lot which are awaiting demolition and development. The existing structure utilized by the commercial establishment includes a one-story, circa-1928 structure (~25' x120') is used as a plumbing supply storage warehouse. Active site use ceased in April of 2012. The undeveloped portion of the property is used for vehicle parking purposes. The parcel formerly contained a five-story mixed-use building that was demolished as a result of fire damage in the mid-1980's.

## **1.2 PROPOSED REDEVELOPMENT PLAN**

The proposed use of the Site will consist of an eight-story apartment housing structure with a cellar. Maximum excavation for the cellar is planned to be no greater than 9' 4" below sidewalk elevation. Layout of the proposed site development is presented in Figure 3. The current zoning designation is Residential R7D. The character of moderate and higher density R7D districts are generally found close to central and regional business districts and are usually mapped in proximity to mass transit. However, the character of these neighborhoods varies widely.

The rectangular shaped 0.17-acre parcel is currently awaiting demolition and development. It has 62.5 feet of lot frontage with a lot depth of 120.98 feet. Planned site improvement work includes the construction of an eight-story apartment complex with a rear yard. The building will contain forty-six units. The basement level will house mechanical and utility meter rooms, tenant laundry center, boiler room (natural gas fired system), refuse storage area, and service connections. The building will be serviced by one passenger elevator and an interior stairway. The newly developed building footprint area is 62' wide by 60' deep. Gross building square footage is approximately 25,280 feet. No on-site vehicle parking will be provided. The proposed development will not cover the entire footprint of the site as nearly half the property will be slated as a recreational area (see Figure 3). As the proposed site improvement work includes a building with a basement area, the planned maximum depth of excavation would be no greater than 9'4" below sidewalk grade. Additional site improvement also calls for the installation of an elevator with an estimated depth of excavation at five feet below grade. Earth moving would include the area within the building footprint, with a total maximum volume of approximately 1,274 yd<sup>3</sup>. The excavation for the site structure is not anticipated to be below the groundwater table.

## **1.3 DESCRIPTION OF SURROUNDING PROPERTY**

The subject and surrounding properties are located in an urban residential setting in the Borough of the Bronx, City and State of New York. Adjoining property usage is utilized for mainly for light commercial and multi-family residential properties. There are no identified sensitive receptors within a 250 to 500-foot radius of the site.

Figure 2 shows the surrounding land usage.

## **2.0 SITE HISTORY**

### **2.1 PAST USES AND OWNERSHIP**

An on-line New York City Department of Finance Database indicates the subject parcel (City of New York Block 3280, Lot 48) to have been acquired by Tyler's Bronx Tunnel, LLC in August of 2012. The property was formerly owned by Garrison Plumbing Supplies. No previously conducted title searches, documentation detailing historic property ownership, or contact information for former property owners was available. None of the owners on record appear to have been an industrial concern that would be expected to have utilized the property for the manufacturing, storage, or disposal of hazardous materials.

Historic Sanborn Fire Insurance Maps from 1900-1989 identified the 2981 Webster Avenue property to have historically contained retail and commercial businesses. No site or regulatory information as to historic use of the subject parcels for industrial or manufacturing purposes (i.e., activities expected to have routinely produced regulated hazardous materials or waste products) was available during performance of the Phase I ESA.

### **2.2 PREVIOUS INVESTIGATIONS**

The Phase I report was prepared by Team Environmental Consultants, Inc. for Tyler's Bronx Tunnel, LLC dated July 6, 2012. This Phase I identified no recognized environmental conditions (RECs) on the subject property.

### **2.3 SITE INSPECTION**

At present, the site is void of any improvements while awaiting development. Prior to initiation of the Phase II Environmental Site Assessment, a site inspection was performed on November 12, 2012 under the direction of Deborah J. Thompson, the Qualified Environmental Professional (QEP) certifying this report to evaluate areas of concern.

## **2.4 AREAS OF CONCERN**

Based upon the findings of the Phase I ESA and the site inspection, there were no areas of concern where former activities are known or suspected to have resulted in generation, manufacture, refinement, transport, storage, handling, treatment, discharge, release and/or disposal of contaminated media.

Phase I Report is presented in Appendix A.

### **3.0 PROJECT MANAGEMENT**

#### **3.1 PROJECT ORGANIZATION**

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Deborah J. Thompson.

#### **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

Tyler's Bronx Tunnel, LLC performed the following scope of work:

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

Geophysical surveys were not conducted as a part of this investigation.

### 4.2 BORINGS AND MONITORING WELLS

#### **Drilling and Soil Logging**

A qualified environmental driller advanced four investigative borings, and a QEP supervised the Site work, screened the soil samples for environmental impacts, and collect environmental samples for laboratory analysis during the site investigation. The rationale for the soil borings, soil gas and groundwater sampling is as follows:

- Four sampling locations were proposed within the area surrounding the planned apartment building. All locations called for surficial (0-2' below grade) sampling, while three locations called for deep (9-11' below grade) soil samples so as to ensure that impacts to site soils have not occurred from potential on-site or known off-site source(s). The uppermost surficial material is typically deemed noteworthy for study as it constitutes the material with the highest potential which humans could have dermal contact and incidental ingestion. Three locations beneath/within the area of the proposed

building are slated for groundwater sampling. Groundwater sampling to occur in this location to confirm the absence of targeted contaminants which could off-gas creating the potential to migrate into the building and cause vapor intrusion. Soil gas sampling is also proposed for this same rationale.

- Boring logs were prepared by a Geologist are attached in Appendix C. A map showing the location of soil borings and monitor wells is shown in Figure 4.

### Groundwater Monitoring Well Construction

During the November 2012 field activities, temporary monitoring wells SB-2/MW-1, SB-3/MW-2 and SB-4/MW-3 were installed in soil borings SB-2 – SB-4. The wells were constructed by installing 1-inch PVC well screen and casing through the Geoprobe rods. Temporary well locations are shown in Figure 4. Temporary well construction details are summarized in the table below.

**Temporary Well Construction Details**

Well ID	Date Installed	Diameter/ Material of Construction	Total Depth (ft. bgs)	Screen Interval (ft. bgs)
SB-2/MW-1	11/12/12	1-inch, PVC	16	6-16
SB-3/MW-2	11/12/12	1-inch, PVC	16	6-16
SB-4/MW-3	11/12/12	1-inch, PVC	16	6-16

### Water Level Measurement

The temporary wells installed during the November 2012 field activities (SB-2/MW-1, SB-3/MW-2 and SB-4/MW-3) were gauged using an oil-water interface probe to determine the depth to water and to check for potential separate phase product. No product was detected in any of the wells. The depth to groundwater measurements are summarized in the following table.

### Depth to Groundwater Measurements

Temporary Well ID	Date	DTW (feet bgs)
SB-2/GW	11/12/12	10.40
SB-3/GW	11/12/12	10.89
SB-4/GW	11/12/12	10.02

#### 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

DT Consulting Services, Inc. (DTCS) mobilized to the site with Todd J. Syska, Inc. (Geoprobe services contractor) on November 12, 2012 to perform the subsurface investigation. Employing a Geoprobe track-mounted drill rig, soil samples were collected at four pre-selected borehole locations continuously from ground surface to an approximate depth of twelve feet below grade surface (bgs). Soil samples were obtained by advancing a twenty-four inch long, two inch outer diameter, stainless open spoon sampler equipped with a disposable acetate liner into the undisturbed soils. To prevent cross-contamination, all sampling equipment was decontaminated between each soil boring field location. The decontamination procedure is as follows:

- Wash with a detergent solution (Alconox);
- Rinse with potable water;
- Rinse with de-ionized water; and
- Air dry

A DTCS Geologist performed soil VOC screening and classification immediately following the collection of subsurface sampling cores. The field screening was conducted using a calibrated Mini-Rae Photoionization Detector (PID). Upon removal from the subsurface, headspace VOC screening was completed on each four foot soil sample interval (i.e. 0-4'/4-8'). This screening was performed by placing the selected soil sample in a Ziploc® style freezer bag, sealing the bag, and after a short pause, yielding stabilized readings with a PID calibrated to 100 parts-per-million (ppm) isobutylene standard. During performance of the field investigation, headspace screening yielded non-detect total petroleum hydrocarbons in parts-per-million (ppm) within each soil profile analyzed.

As detected during this investigation, the lithology of overburden materials encountered at the subject property can be characterized as mixed fill (0-10' bgs) underlain by fine – medium sand (10-12' bgs). The bedrock surface was not encountered while performing this investigation. Groundwater, encountered approximately 10.02 – 10.89' bgs across the site did not display any signs of environmental impact (i.e., odor or sheen) in any of the three sampling locations.

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

Eight soil samples were submitted for chemical analysis during this RI. Field quality controls for laboratory confirmation samples include the collection and analysis of a field duplicate and a trip blank. The frequency of collection for the specified QC field samples is as follows:

- ✓ A trip blank was prepared before the sample bottles are sent by the laboratory. A trip blank was included with each shipment of samples where sampling and analysis for VOC is planned (water matrix only).

- ✓ One field duplicate was planned during the course of this investigation. A duplicate sample was collected by initially collecting twice as much material as is normally collected for a sample. After mixing, the material will be apportioned into two sets of containers.

The samples collected for analysis required preservation prior to shipment. Preservation of the sample ensures sample integrity and prevents or minimizes degradation or transformation of the constituents to be analyzed. Specific preservation requirements included proper handling, packaging in laboratory-supplied sample containers, and chilled to 4° Celsius (°C) for shipping to the contract analytical laboratory. The DTCS Field Team used field logbooks or specific field forms to record pertinent information regarding subsurface characteristics, field screening results, and confirmatory sampling activities. Field staff recorded the project name and number, date, sampling personnel on site, other personnel present, weather conditions, and other relevant events to sampling activity in a chronological order. The field log book and/or analysis forms are maintained in the project file. Each sample was also recorded onto a chain-of-custody (COC) form. The form included the project name and number, names of the field sampling personnel, the sample number, date and time the sample was collected, whether the sample is a composite or grab sample, sample location, number of containers per sample number, constituents to be analyzed, and pertinent comments. The form documented the date, time, and signature of person(s) relinquishing and receiving custody of the samples.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 1. Figure 4 shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

### **Groundwater Sampling**

During the November 2012 field program, groundwater samples were obtained using a peristaltic pump and dedicated, disposable polyethylene tubing. Each well was purged of at least three well volumes prior to sampling. Low flow sampling techniques were implemented. All samples were collected directly into clean, laboratory-supplied containers, placed in ice-filled coolers, and shipped via courier in accordance with EPA protocols.

Three groundwater samples (including one duplicate) were collected for chemical analysis during this RI. Groundwater sample collection data, including analytical methods and laboratories, is reported in Table 2. Sampling logs with information on purging and sampling of groundwater monitor wells are included in Appendix C. Figure 4 shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

### **Soil Vapor Sampling**

Three soil vapor probes were installed and three soil vapor samples were collected for chemical analysis during this RI at a depth of approximately 10 feet bgs. Soil vapor sampling locations are shown in Figure 4. Soil vapor sample collection data is reported in Table 2. Soil vapor sampling logs are included in Appendix C. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

The vapor implants were installed with the Geoprobe. To accomplish this task, a temporary sampling point was installed consisting of a two inch diameter core. Following the installation of the core, the point was sealed off above ground surface using bentonite slurry to prevent surface air infiltration. Coupled with the laboratory-supplied SUMMA canister, subsurface sampling included the use of a helium tracer set up at grade level. This allows delivery of the tracer that will be detected in the subsurface vapor analysis, if vapors from above grade are leaking through the constructed seal, into the sample zone below. Following the helium tracer setup and recording of initial canister pressure, the sampling zone was purged of a minimum of three volumes of vapors through dedicated tubing to ensure representative sampling of subsurface conditions and field screened with a photoionization detector or PID. Laboratory-grade helium, a Model MGD-2002 Multi-Gas Leak Locater and pre-cleaned buckets were used for the leak tracer test. Once the Teflon tubing was sealed to the ground at each sampling location, the tubing was extended through a hole in the top of an upside-down, pre-cleaned five gallon bucket that was sealed to the ground. The tubing extending from the hole at the top of the bucket was then connected to the helium detector. A second hole was drilled in the bottom of the bucket, where helium was injected. Once the bucket filled up with helium, the tank was turned off. Then it was necessary to wait a few minutes to check if the helium was able to

infiltrate through the seal into the ground. Afterwards, as a control measure, the helium detector was placed under the bucket to make sure that it was able to detect helium.

The NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York states that a helium concentration less than 10 percent does not indicate a significant leak. Both the “before and after” helium test performed on the sub-slab vapor point, returned zero ppm results and consequently showed no evidence of any significant leaks.

Soil vapor sampling was collected for analysis employing a six liter SUMMA canister equipped with a laboratory-calibrated flow control device to facilitate the collection of the samples for a 2-hour sample duration time. During both purging and sampling, the flow rate was restricted to less than (<) 0.2 liters per minute and connected directly to the dedicated tubing. Following sampling, the pressure of the SUMMA canister was recorded and the temporary well point backfilled with cement slurry.

Samples collected in Summa canisters were certified clean by the laboratory and analyzed by using USEPA Method TO-15. A sample log sheet was maintained summarizing sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples are collected, apparent moisture content of the sampling zone, and chain of custody protocols.

### Chemical Analysis

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

<b>Factor</b>	<b>Description</b>
Quality Assurance Officer	The chemical analytical quality assurance is directed by Deborah Thompson
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc.
Chemical Analytical	Soil analytical methods:

Methods	<ul style="list-style-type: none"> <li>• TAL Metals by EPA Method 6010C (rev. 2007);</li> <li>• VOCs by EPA Method 8260C (rev. 2006);</li> <li>• SVOCs by EPA Method 8270D (rev. 2007);</li> <li>• Pesticides by EPA Method 8081B (rev. 2000);</li> <li>• PCBs by EPA Method 8082A (rev. 2000);</li> </ul> <p>Groundwater analytical methods:</p> <ul style="list-style-type: none"> <li>• TAL Metals by EPA Method 6010C (rev. 2007);</li> <li>• VOCs by EPA Method 8260C (rev. 2006);</li> <li>• SVOCs by EPA Method 8270D (rev. 2007);</li> <li>• Pesticides by EPA Method 8081B (rev. 2000);</li> <li>• PCBs by EPA Method 8082A (rev. 2000);</li> </ul> <p>Soil vapor analytical methods:</p> <ul style="list-style-type: none"> <li>• VOCs by TO-15 VOC parameters.</li> </ul>
---------	--

### Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 3 - 5, respectively.

## **5.0 ENVIRONMENTAL EVALUATION**

### **5.1 GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS**

#### **Stratigraphy**

While conducting the investigation on-site, characteristics and thickness of geologic units were documented in a field log. Summaries of this data maybe referenced in Appendix C, attached. Soils from grade to approximately ten feet below grade consisted of mixed fill, while soils from ten-twelve feet below grade surface consisted of fine to medium sands. Field screening with a calibrated PID did not produce positive responses in any soil boring location across the site. The groundwater table was encountered within soil horizon consisting of sand. The bedrock surface was not encountered during this investigation.

#### **Hydrogeology**

The average depth to groundwater is 10.02 – 10.89 feet across the site. Based on surface topography, groundwater would be expected to flow in an easterly direction. Actual groundwater flow can be affected by many factors including subsurface openings or obstructions such as basements, underground utilities, parking garages, bedrock geology, and other factors beyond the scope of this assessment. Groundwater in the Bronx is not used as a source of potable water.

### **5.2 SOIL CHEMISTRY**

Soil/fill samples collected during the RI showed no VOCs at detectable concentrations above Unrestricted Use (Track I) SCOs. Low levels of acetone (maximum 9.2 ppb) and methylene chloride (maximum 1.5 ppb) were detected in four soil samples. Three pesticides including 4-4'-DDE (at 4.45 ppb), 4-4'-DDT (ranging from 3.7 to 18.5 ppb) and dieldrin (at 7 ppb) were reported above Track I SCOs, but below Restricted Residential SCOs. Total PCBs were non detect in all samples. Several SVOCs were detected at a concentration above Restricted Residential SCOs and included benzo(a)anthracene (3,770 ppb), benzo(a) pyrene (2,800 ppb), benzo(b)fluoranthene (2,220 ppb), chrysene (3,970 ppb), and indeno(1, 2, 3)pyrene (1,340 ppb). Four metals including chromium (maximum 31 ppm), lead (maximum 309 ppm), selenium (maximum 4.8 ppm) and zinc (maximum 964 ppm) exceeded Unrestricted Use SCOs but all

values were well below Track II Restricted Residential SCOs. Overall, findings for soil were unremarkable and did not show a source of contamination on this property.

### **Volatile Organic Compounds**

Soil testing detected two VOCs (acetone and methylene chloride) with concentrations above laboratory detection limits. Acetone was detected in two samples at concentrations ranging from 7.2 & 9.2 µg/kg, well below the Track I SCO of 100,000 µg/kg. Methylene chloride was detected in four soil samples at concentrations ranging from 0.80 – 1.5 µg/kg, well below the Track I SCO of 100,000 µg/kg. The analytical data is summarized in Table 3 and the analytical data report is provided in Appendix D.

### **Semi-volatile Organic Compounds**

Several semi-volatile compounds were detected among the eight soil samples analyzed. All of the detected SVOCs were polycyclic aromatic hydrocarbons (PAHs). SVOCs were encountered in each of the eight soil samples collected on-site. The detected concentrations ranged from 98.8 µg/kg (Dibenz(a,h)anthracene) to 8,300 µg/kg (Pyrene). Several SVOCs were detected at a concentration above Restricted Residential SCOs and included benzo(a)anthracene (3,770 ppb), benzo(a) pyrene (2,800 ppb), benzo(b)fluoranthene (2,220 ppb), chrysene (3,970 ppb), and indeno(1, 2, 3)pyrene (1,340 ppb) within soil borings SB-1A, SB-3A and SB-3B. The exceedances are attributed to the presence of historic urban fill materials and any combusted materials therein. The analytical data is summarized in Table 3 and the analytical data report is provided in Appendix D.

### **TAL Metals**

Metals were detected in all of the soil boring samples analyzed, owing to their natural presence in rock and soil minerals. Several metals exceeded 6 NYCRR Part 375 Unrestricted Use SCOs including chromium, lead, selenium and zinc. All metal exceedances were well below Track II Restricted Residential SCOs. Elevated metals concentrations are likely attributed to historic fill material and increase vehicular traffic found in urban areas. Research has shown that vehicular traffic has traditionally been the most widespread lead source, owing to the

emissions from motor vehicles powered with leaded gasoline. The analytical data is summarized in Table 3 and the analytical data report is provided in Appendix D.

### **Pesticides and PCBs**

Three total pesticides were encountered within Soil borings SB-1A, SB-2B, SB-3A, SB-3B and SB-4B; the remaining soil borings were returned with non-detect sample concentrations. The compounds which displayed laboratory detectable concentrations included 4,4'-DDE at a concentrations of 4.45 µg/kg (SB-2B) and 2.65 µg/kg (SB-3B) µg/kg, 4,4'-DDT at a concentration of 6.68 µg/kg, 18.5 µg/kg, 3.74 µg/kg and 14 µg/kg within SB-1A, SB-2B, SB-3A and SB-3B, respectively and dieldrin at concentrations of 2.97 µg/kg (SB-2B) and 7 µg/kg (SB-3B). At these concentrations, the contaminants were found to fall below Track II SCOs.

Soils encompassing each of the each samples submitted for analysis were all returned with non-detectable concentrations for total PCBs. The analytical data is summarized in Table 3 and the analytical data report is provided in Appendix D.

### **Conclusions**

The detection of targeted compounds as encountered during this investigation appears to be concentrated in the vicinity of soil samples denoted as soil borings SB-1 and SB-3. Historically, the area surrounding these sampling locations was occupied by a commercial establishment. All of the identified borings had sample concentrations which fall near or below Track II 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 Table 3. Figure 5 has shown all of the detected values for soil/fill which exceeded the 6 NYCRR Part 375-6.8(b) or Track II Soil Cleanup Objectives.

## **5.3 GROUNDWATER CHEMISTRY**

### **Volatile Organic Compounds**

Groundwater analytical results indicated non-detectable concentrations for all targeted volatile organic compounds. Concentrations of VOCs including Chloroform and

Tetrachloroethene were reported, but were below groundwater standards. Table 4 includes a summary of the groundwater analytical results for VOCs.

### **Semi-volatile Organic Compounds**

All SVOC parameters were returned with non-detectable sample concentrations. A summary of the groundwater analytical results for SVOCs are included in Table 4.

### **TAL Metals**

Total metals analysis (unfiltered) indicated the presence of ten metals, including aluminum, barium, calcium, iron, magnesium, manganese, nickel, potassium, sodium and zinc. All detected total metals reported by the laboratory were found to be within Groundwater Quality Standards (GQS) with the exception of sodium. Table 4 includes the groundwater analytical results for metals.

Due to an error at the laboratory, dissolved metals analysis (filtered) were not prepared and run within the allowable holding time.

### **Pesticides and PCBs**

All targeted PCBs and pesticide compounds were returned with non-detect sample concentrations from the laboratory with the exception of dieldrin. Dieldrin was reported within SB-2/MW-1 at a concentration of 0.00261 and SB-3/MW-2 at a concentration of 0.00202 ppb. Although reported, sample concentrations were below their respective groundwater quality standard of 0.004 ppb. Table 4 includes a summary of the groundwater analytical results for PCBs and pesticides.

### **Conclusions**

Groundwater samples collected during the RI showed no significant detections in the dissolved phase contaminant concentrations of VOCs, TAL Metals, Pesticides and PCBs. Only

one TAL Metal, namely sodium, was found to slightly exceed groundwater quality guidance values. The detection of these compounds is most likely the result of presence of suspended sediment (including urban fill materials) entrained in the samples.

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 Table 4. Exceedances of applicable groundwater standards are shown.

Figure 6 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

The results of soil vapor sampling indicate that twenty-four VOCs are present within the three soil gas samples collected on-site. A summary table of data for all chemical analytical work performed on soil vapor is included in Table 2. The full analytical report is included in Appendix D

PCE was detected all three vapor samples ranging from  $1.3 \mu\text{g}/\text{m}^3$  –  $28 \mu\text{g}/\text{m}^3$  and are below State DOH soil vapor guidance matrix. TCE was detected in all three vapor samples ranging from  $0.62 \mu\text{g}/\text{m}^3$  –  $2.3 \mu\text{g}/\text{m}^3$  and are below State DOH soil vapor guidance matrix. Soil vapor concentrations reported within samples collected will not require mitigation according to the State DOH soil vapor guidance matrix.

The on-site vapors in these samples are consistent with solvents found in building materials, cleaning products, paints, and metal degreasing agents and hydrocarbon constituents.

### Conclusions

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 5.

Figure 7 shows the location and posts the values for soil vapor samples with detected concentrations above the mean sample concentrations as documented in NYS DOH Final Guidance on Soil Vapor Intrusion (October 2006).

## **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.

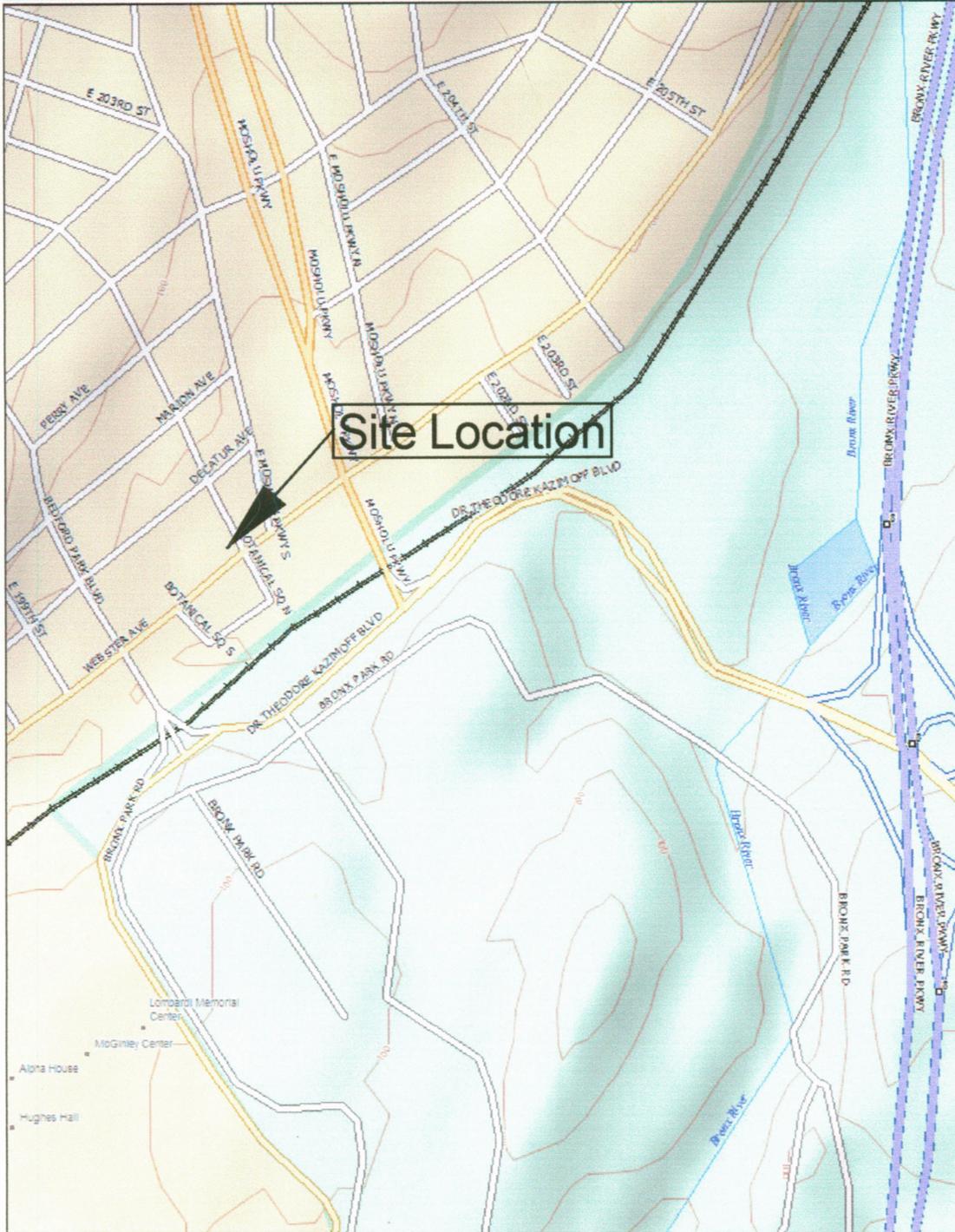
## Site-Specific Standards, Criteria and Guidance

- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites
- 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998)
- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites (October 1994)
- Technical Guidance for Screening Contaminated Sediments (January 1999)
- NYSDOH Indoor Air Sampling & Analysis Guidance (August 8, 2001 or subsequent update)
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (draft October 2004 or subsequent final draft)
- DER Interim Strategy for Groundwater Remediation at Contaminated Sites in New York State
- 6 NYCRR Part 612 - Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 - Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 - Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 40 CFR Part 280 - Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks

**FIGURES**



<b>DT Consulting Services, Inc.</b> 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	<b>Client:</b> Tyler's Bronx Tunnel, LLC		
	<b>Location:</b> 2981 Webster Avenue, Bronx, New York (Webster III)		
	<b>Title:</b> Site Map		
	<b>Scale:</b> Graphic	<b>Drawn By:</b> DJT	<b>OER No:</b> 13EN-AN187X



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Data Zoom 15-0

DT Consulting Services, Inc.  
 1291 Old Post Road  
 Ulster Park, New York 12487  
 (845) 658-3484

Client: Tyler's Bronx Tunnel, LLC

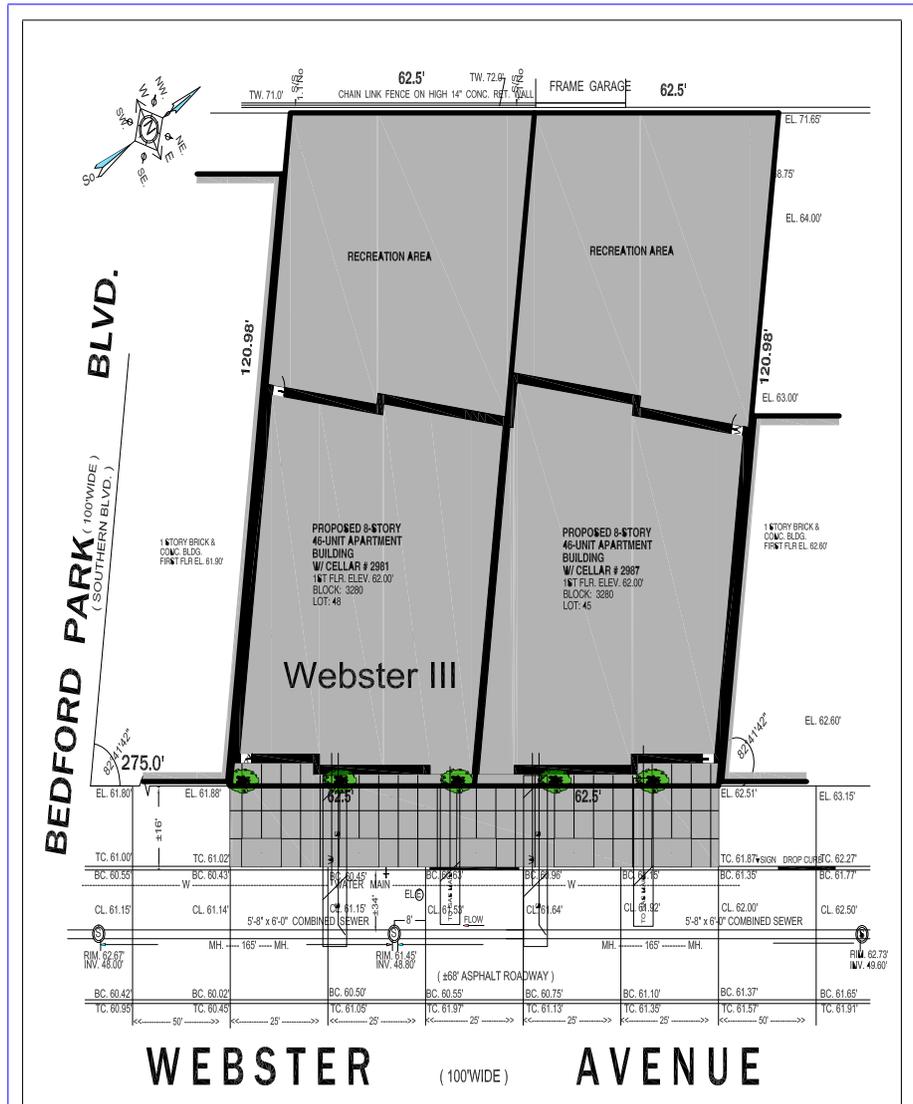
Location: 2981 Webster Avenue, Bronx, New York

Title: Site Location Map

Scale: Graphic

OER Project #13EN-AN187X

Fig.#: 2



DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484	Client: Tyler's Bronx Tunnell, LLC		
	Location: 2981 Webster Ave, Bronx, New York		
	Title: Proposed Site Development Map		
	Scale: Graphic	OER Project #13EN-AN187X	Fig.#: 3



**SURVEYED**  
JUNE 16, 2012

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THE SURVEY IS A VIOLATION OF SECTION 7308 OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S IRONED SEAL OR SURVEYOR'S SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY. GUARANTEES OR CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON THE DELIVERY TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ADDRESS OF THE LENDING INSTITUTION. GUARANTEES OR CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

BLOCK: 5200  
LOT (s): 39,43,46,48,49  
SECTION: 12  
COUNTY: BRONX  
DWG BY: Brian S.  
CHK'D BY:

(FOR TITLE PURPOSES) LEGEND  
 WEIR | SOIL | TIE | FENCE | WINDMILL | COLLECTOR | CONDUIT | CATCH BASIN | HYDRANT | TRAFFIC SIGN | ELECTRIC BOX | FREE PFT | SEWER MANHOLE | ELECTRIC MANHOLE | TELEPHONE MANHOLE | U.S. MAIL BOX

JOB # 7733-Bx

BEDFORD PARK (100' WIDE) BLVD.  
(SOUTHERN BLVD.)

HIGH ONE STORY BRICK FRONT & CONC. BL. BLDG.

**Benzo(a)anthracene-3260 ppb**  
**Benzo(a)pyrene-2100ppb**  
**Benzo(b)fluoranthene-2220ppb**  
**Indeno(1,2,3-cd)pyrene-1340ppb**

Recreation Area

Recreation Area

Recreation Area

**Benzo(a)anthracene-A1690/B)3770ppb**  
**Benzo(a)pyrene-A1540/B)2800ppb**  
**Benzo(b)fluoranthene-A)1250/B)2040ppb**  
**Indeno(1,2,3-cd)pyrene-A)529/B)787ppb**  
**Chrysene-A)1580/B)3970ppb**

SB-1  
 SG-1  
 SB-2/MW-1  
 SG-2  
 SB-3/MW-2  
 SG-3  
 SB-4/MW-3

Webster III

Webster II

Webster I

ONE STORY BRICK AND CONC. BL. BLDG.

ONE STORY BRICK AND CONC. BL. BLDG.

ONE STORY FRAME

1 STORY

STUCCO

3 STORY

WEBSTER (100' WIDE) AVENUE

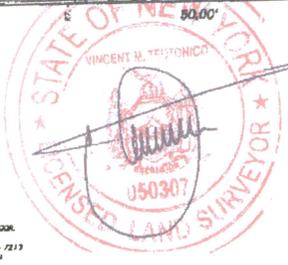
- LEGEND**
-  Soil
  -  Soil/Groundwater
  -  Soil Gas

**Note:**  
Exceedances above NYSDEC Part 375-6.8(b) or Restricted Residential are documented above.

**CERTIFIED ONLY TO:**

- TYLER'S BRONX TUNNEL, LLC
- STATEWIDE ABSTRACT CORP.
- STEWARD TITLE INSURANCE COMPANY

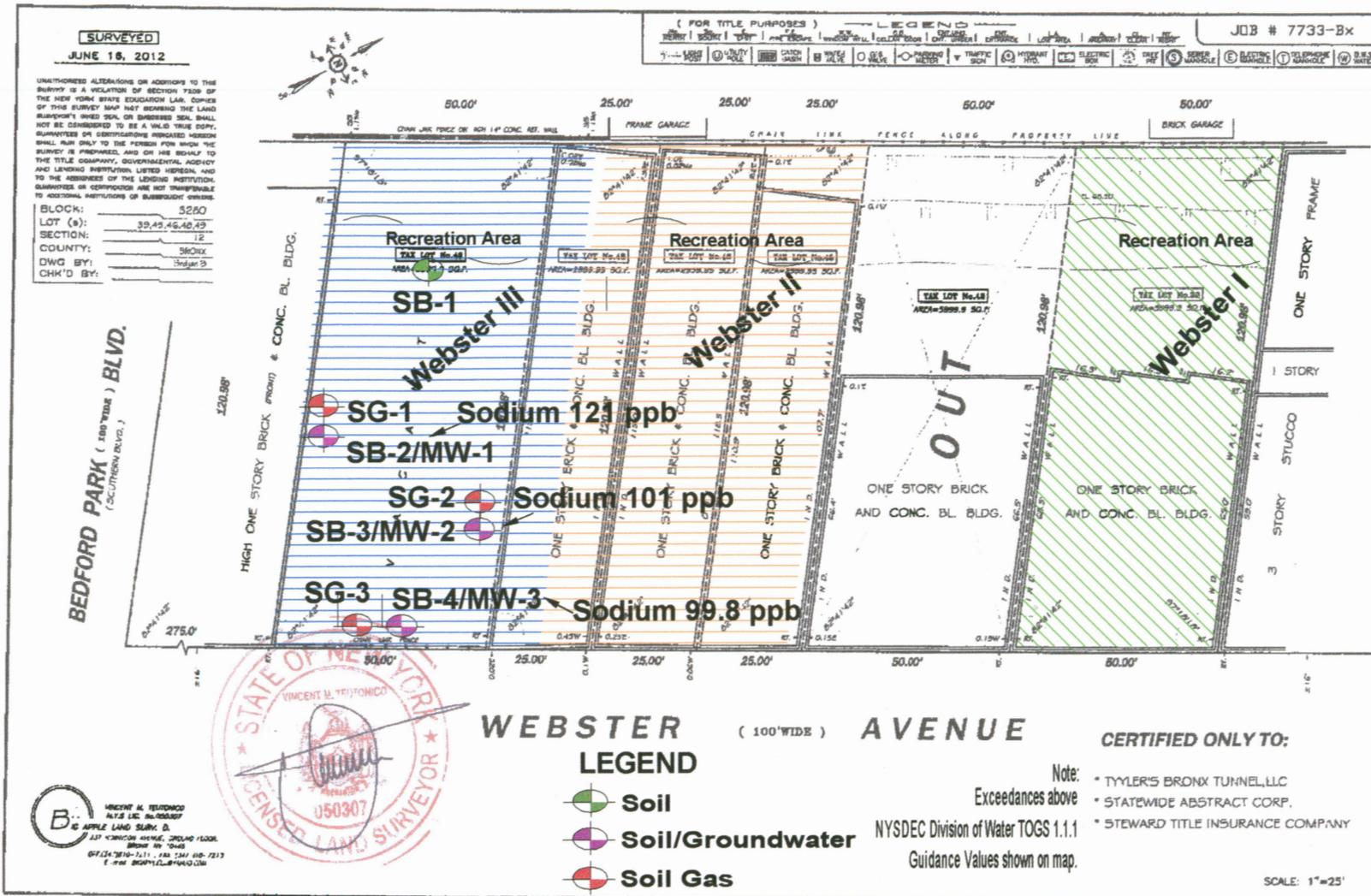
SCALE: 1"=25'



**B** VINCENT M. TESTONICO  
 N.Y.S. LIC. NO. 050307  
 40 APPLE LAND SURVY. CO.  
 137 WENONAH AVENUE, BRONX 10460  
 BRONX NY 10460  
 OFF: (718) 710-7111 FAX: (718) 610-7213  
 E: VMT@APPLELANDSURVY.COM

DT Consulting Services, Inc.  
 1291 Old Post Road  
 Ulster Park, New York 12487  
 (845) 658-3484

Location:	2981 Webster Avenue, Bronx, New York (Webster III)		
Title:	Map of Soil Chemistry Results		
Scale:	Graphic	Drawn By:	DT
OER No:	13EN-AN186X	Fig.#:	5



DT Consulting Services, Inc.  
1291 Old Post Road  
Ulster Park, New York 12487  
(845) 658-3484

Location: 2981 Webster Avenue, Bronx, New York (Webster III)

Title: Map of Groundwater Chemistry Results

Scale: Graphic

Drawn By: DT

OER No: 13EN-AN187X

Fig.#: 6



**TABLES**

**TABLE 1:****Construction Details for Soil Borings and Soil Vapor Extraction**

**Site:** Tyler's Bronx Tunnel, LLC  
**Address:** Webster III - 2981 Webster Avenue, Bronx, New York  
**OER Project Number:** 13EN-AN187X

**Client:** Tyler's Bronx Tunnel, LLC  
**Address:** Post Office Box 9  
Purchase, New York 10577

**Contractor:** DT Consulting Services, Inc.

**Laboratory:** York Analytical Laboratories, Inc.  
Stratford, CT 06615

**Construction Details for Soil Borings and Soil Vapor Extraction**

	Identification Number	Date of construction	Total Depth of Borehole (ft.)	Sampling Depth (ft.)	Diameter (in)	Screened interval (ft.)
<b>Soil Borings</b>						
	SB-1	12-Nov-12	4'	0-2'	2"	NA
	SB-2A	12-Nov-12	12'	0-2'	2"	NA
	SB-2B	12-Nov-12	12'	9-11'	2"	NA
	SB-2/MW-1	12-Nov-12	16'		2"	8-16'
	SB-3A	12-Nov-12	12'	0-2'	2"	NA
	SB-3B	12-Nov-12	12'	9-11'	2"	NA
	SB-3/MW-2	12-Nov-12	16'		2"	8-16'
	SB-4A	12-Nov-12	12'	0-2'	2"	NA
	SB-4B	12-Nov-12	12'	9-11'	2"	NA
	SB-4/MW-3	12-Nov-12	16'		2"	8-16'
	SG-1	12-Nov-12	8'	8-10'	2"	8-10'
	SG-2	12-Nov-12	8'	8-10'	2"	8-10'
	SG-3	12-Nov-12	8'	8-10'	2"	8-10'

Notes:

NA = Not applicable

**TABLE 2:****SUMMARY OF ANALYTICAL METHODS**

**Site:** Tyler's Bronx Tunnel, LLC  
**Address:** Webster III - 2987 Webster Avenue, Bronx, New York  
**OER Project Number:** 13EN-AN186X

**Client:** Tyler's Bronx Tunnel, LLC  
**Address:** Post Office Box 9  
 Purchase, New York 10577

**Contractor:** DT Consulting Services, Inc.

**Laboratory:** York Analytical Laboratories, Inc.  
 Stratford, CT 06615

Matrix	Number of samples	Analytical parameters measured	Analytical methods	Number of duplicate samples	Number and type of QA/QC samples
Soil	Seven	Volatile Organic Compounds	8260	One	None
	Seven	Semi-Volatile Organic Compounds	8270	One	None
	Seven	TAL Metals	6010	One	None
	Seven	Pesticides	8081	One	None
	Seven	PCBs	8082	One	None
Groundwater	Three	Volatile Organic Compounds	8260	One	Trip Blank
	Three	Semi-Volatile Organic Compounds	8270	One	None
	Three	TAL Metals	6010	One	None
	Three	Pesticides	8081	One	None
	Three	PCBs	8082	One	None
Soil vapor	Three	Volatile Organic Compounds	TO-15	None	None

TABLE 3

VOC Soil Analysis vs. NYSDEC Guidance Values

Sampling Performed: November 12, 2012

Page 1 of 4

Site:

Tyler's Bronx Tunnel, LLC  
Webster III - 2981 Webster Avenue, Bronx, New York

Client Name: Tyler's Bronx Tunnel, LLC

Address: Post Office Box 9  
Purchase, New York 10577

Contact Name: Michael Frothing

OER Project Number: 13EN-AN187X  
Consultant: DT Consulting Services, Inc.

Compound	Guidance Value <sub>1</sub>	Guidance Value <sub>2</sub>	SB-1A	SB-2A	SB-2B	SB-3A	SB-3B	SB-4A	SB-4A (Duplicate)	SB-4B	
			0-2'	0-2'	9-11'	0-2'	9-11'	0-2'	0-2'	9-11'	
Sampling Depth (ft.)			0-2'	0-2'	9-11'	0-2'	9-11'	0-2'	0-2'	9-11'	
1,1,1-Trichloroethane	100000	680	ND	ND							
1,1,2,2-Tetrachloroethane	NS	NS	ND	ND							
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	ND	ND							
1,1,2-Trichloroethane	NS	NS	ND	ND							
1,1-Dichloroethane	26000	270	ND	ND							
1,1-Dichloroethene	100000	330	ND	ND							
1,2,4-Trichlorobenzene	NS	NS	ND	ND							
1,2,4-Trimethylbenzene	52000	3600	ND	ND							
1,2-Dibromoethane	NS	NS	ND	ND							
1,2-Dichlorobenzene	100000	1100	ND	ND							
1,2-Dichloroethane	3100	200	ND	ND							
1,2-Dichloropropane	NS	NS	ND	ND							
1,2-Dichlorotetrahydroethane	NS	NS	ND	ND							
1,3,5-Trimethylbenzene	52000	8400	ND	ND							
1,3-Butadiene	NS	NS	ND	ND							
1,3-Dichlorobenzene	49000	2400	ND	ND							
1,4-Dichlorobenzene	13000	1800	ND	ND							
1,4-Dioxane	13000	100	ND	ND							
2-Butanone	NS	NS	ND	ND							
2-Hexanone	NS	NS	ND	ND							
4-Methyl-2-pentanone	NS	NS	ND	ND							
Acetone	100000	50	ND	7.2J	ND	9.2J	ND	ND	ND	ND	
Benzene	4800	60	ND	ND							
Benzyl chloride	NS	NS	ND	ND							
Bromodichloromethane	NS	NS	ND	ND							
Bromoform	NS	NS	ND	ND							
Bromomethane	NS	NS	ND	ND							
Carbon Disulfide	NS	NS	ND	ND							
Carbon Tetrachloride	2400	760	ND	ND							
Chlorobenzene	100000	1100	ND	ND							
Chloroethane	NS	NS	ND	ND							
Chloroform	49000	370	ND	ND							
Chloromethane	NS	NS	ND	ND							
cis-1,2-Dichloroethene	100000	250	ND	ND							
cis-1,3-Dichloropropylene	NS	NS	ND	ND							
Cyclohexane	NS	NS	ND	ND							
Dibromochloromethane	NS	NS	ND	ND							
Dichlorodifluoromethane	NS	NS	ND	ND							
Ethyl acetate	NS	NS	ND	ND							
Ethyl Benzene	41000	1000	ND	ND							
Hexachlorobutadiene	NS	NS	ND	ND							
Isopropanol	NS	NS	ND	ND							
MTBE	100000	930	ND	ND							
Methylene chloride	100000	50	1.3J	0.80J	1.5J	ND	1.3J	ND	ND	ND	
n-Heptane	NS	NS	ND	ND							
n-Hexane	NS	NS	ND	ND							
o-Xylene	100000	260	ND	ND							
p- <i>tert</i> -Xylenes	100000	260	ND	ND							
p-Ethyltoluene	NS	NS	ND	ND							
Propylene	NS	NS	ND	ND							
Styrene	NS	NS	ND	ND							
Tetrachloroethene	19000	1300	ND	ND							
Tetrahydrofuran	NS	NS	ND	ND							
Toluene	100000	700	ND	ND							
trans-1,2-Dichloroethene	100000	190	ND	ND							
trans-1,3-Dichloropropylene	NS	NS	ND	ND							
Trichloroethene	21000	470	ND	ND							
Trichlorofluoromethane	NS	NS	ND	ND							
Vinyl acetate	NS	NS	ND	ND							
Vinyl Chloride	900	20	ND	ND							

## Notes:

- All measurements recorded in parts per billion or ppb.
- Samples analyzed in accordance with EPA Test Method 8260.
- ND = Undetected (Detection limits may vary). NS = Not specified.
- J = Detected below reporting limit but greater than or equal to MDL, therefore, the result is an estimated concentration. B = Analyte is found in the associated analysis batch blank.
- The presented guidance values were adopted from Guidance Value<sub>1</sub> or restricted residential soil cleanup objectives as defined in Part 375-6.8(b) and Guidance Value<sub>2</sub>, unrestricted soil cleanup objectives as defined in Part 375-6.8(a).

TABLE 3

## SVOC Soil Analysis vs. NYSDEC Guidance Values

Page 2 of 4

Sampling Performed: November 12, 2012

Site:

Tyler's Bronx Tunnel, LLC  
Webster III - 2981 Webster Avenue, Bronx, New York

Client Name: Tyler's Bronx Tunnel, LLC

Address: Post Office Box 9  
Purchase, New York 10577

Contact Name: Michael Froning

OER Project Number: 13EN-AN187X  
Consultant: DT Consulting Services, Inc.

Compound	Guidance Value <sub>1</sub>	Guidance Value <sub>2</sub>	SB-1A	SB-2A	SB-2B	SB-3A	SB-3B	SB-4A	SB-4A (Duplicate)	SB-4B	
			0-2'	0-2'	9-11'	0-2'	9-11'	0-2'	0-2'	9-11'	
Sampling Depth (ft.)			0-2'	0-2'	9-11'	0-2'	9-11'	0-2'	0-2'	9-11'	
1,2,4-Trichlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
1,3-Dichlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2,4,5-Trichlorophenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2,4,6-Trichlorophenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-Dichlorophenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-Dimethylphenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-Dimethylphenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-Dinitrophenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2,4-Dinitrotoluene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2,6-Dinitrotoluene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2-Chloronaphthalene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2-Chlorophenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2-Methylnaphthalene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2-Nitroaniline	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
2-Nitrophenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
3- & 4-Methylphenols	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
3,3'-Dichlorobenzidine	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
3-Nitroaniline	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
4,6-Dinitro-2-methylphenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
4-Bromophenyl phenyl ether	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
4-Chloro-3-methylphenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
4-Chloroaniline	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
4-Chlorophenyl phenyl ether	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
4-Nitroaniline	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
4-Nitrophenol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Acenaphthene	100,000	20,000	ND	ND	ND	426J	ND	ND	ND	ND	
Acenaphthylene	100,000	100,000	ND	ND	ND	ND	ND	ND	ND	ND	
Anthracene	100,000	10,000	888J	ND	152J	812J	1110	ND	ND	ND	
Benzo(a)anthracene	1,000	1,000	<b>2260</b>	176J	648	<b>1690</b>	<b>2770</b>	171	343	303	
Benzo(a)pyrene	1,000	1,000	<b>2100</b>	181	565	<b>1540</b>	<b>2800</b>	174	349	255	
Benzo(b)fluoranthene	1,000	1,000	<b>2220</b>	178J	445	<b>1250</b>	<b>2040</b>	ND	271	197	
Benzo(g,h,i)perylene	100,000	100,000	1230	122J	147J	457J	652J	58.2J	85J	ND	
Benzo(k)fluoranthene	3,900	800	<b>2460</b>	ND	471	<b>1360J</b>	<b>2210</b>	ND	336	202	
Benzoic acid	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Benzyl alcohol	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Benzyl butyl phthalate	NS	NS	ND	ND	489	ND	ND	ND	ND	ND	
Bis(2-chloroethoxy)methane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Bis(2-chloroethyl)ether	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Bis(2-ethylhexyl)phthalate	NS	NS	ND	ND	549	ND	ND	ND	ND	ND	
Chrysene	3,900	1,000	<b>3380</b>	191	685	<b>1580</b>	<b>3970</b>	170J	348	339	
Dibenz(a,h)anthracene	330	330	<b>550J</b>	ND	98.8J	ND	ND	ND	ND	ND	
Dibenzofuran	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Diethyl phthalate	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Dimethyl phthalate	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Di-n-butyl phthalate	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Di-n-octyl phthalate	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Fluoranthene	100,000	100,000	5810	256	1100	2990	5230	276	515	432	
Fluorene	100,000	30,000	ND	ND	ND	ND	610J	ND	ND	ND	
Hexachlorobenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachlorobutadiene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachlorocyclopentadiene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachloroethane	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	500	500	<b>1340</b>	119J	189J	<b>529J</b>	<b>787J</b>	ND	117J	ND	
Isophorone	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	100,000	12,000	ND	ND	ND	321J	ND	ND	ND	ND	
Nitrobenzene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
N-nitroso-di-n-propylamine	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Pentachlorophenol	6,700	800	ND	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene	100,000	100,000	3780	115J	786	2540	4900	162J	307	301	
Phenol	100,000	330	ND	ND	ND	ND	ND	ND	ND	ND	
Pyrene	100,000	100,000	6880	365	1230	3470	8300	305	628	595	

## Notes:

- All measurements recorded in parts per billion or ppb.
- Samples analyzed in accordance with EPA Test Method 8270 B/N.
- ND = Undetected (Detection limits may vary). NS = Not specified.
- J = Detected below reporting limit but greater than or equal to MDL; therefore, the result is an estimated concentration. B = Analyte is found in the associated analysis batch blank.
- Sample concentration exceedances as described in Guidance Value<sub>1</sub> or restricted residential soil cleanup objectives are printed in bold and underlined. Sample concentration exceedances as described in Guidance Value<sub>2</sub> or unrestricted soil cleanup objectives are printed in bold and highlighted in yellow.

**TABLE 3**

**TAL Metals Soil Analysis vs. NYSDEC Guidance Values**

**Sampling Performed: November 12, 2012**

**Page 3 of 4**

**Site:**  
Tyler's Bronx Tunnel, LLC  
Webster III - 2981 Webster Avenue, Bronx, New York

**Client Name:** Tyler's Bronx Tunnel, LLC  
**Address:** Post Office Box 9  
Purchase, New York 10577  
**Contact Name:** Michael Froning

**OER Project Number:** 13EN-AN187X  
**Consultant:** DT Consulting Services, Inc.

Compound	Guidance Value <sub>1</sub> (mg/kg)	Guidance Value <sub>2</sub> (mg/kg)	SB-1A	SB-2A	SB-2B	SB-3A	SB-3B	SB-4A	SB-4A (Duplicate)	SB-4B	
Sampling Depth			0-2'	0-2'	9-11'	0-2'	9-11'	0-2'	0-2'	9-11'	
Aluminum	NS	NS	11100	20100	9570	15100	8900	7440	8420	8710	
Antimony	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Arsenic	16	13	4.86	3.08	3.61	2.99	6.54	2.34	2.66	3.1	
Barium	400	350	333	241	673	308	822	219	245	490	
Beryllium	72	7.2	ND	ND	ND	0.734	ND	ND	ND	ND	
Cadmium	4.3	2.5	ND	ND	ND	ND	ND	ND	ND	ND	
Calcium	NS	NS	1380	60600	65000	67700	66900	23700	18800	24600	
Chromium	110	30	26.9	<b>31.1</b>	23.1	20.4	22.2	20.7	25.6	24.1	
Cobalt	NS	NS	8.99	7.73	6.29	5.51	8.33	6.22	7.4	8	
Copper	270	50	47.2	29.4	22	31	23.5	29.3	29.6	27.2	
Iron	NS	NS	19600	21900	18500	11500	13400	12100	14500	15100	
Lead	400	63	<b>159</b>	<b>82.7</b>	<b>214</b>	<b>106</b>	<b>309</b>	45.8	58.4	<b>152</b>	
Magnesium	NS	NS	5270	27800	12300	29800	5190	10200	6490	5850	
Manganese	2000	1600	304	714	261	610	233	244	240	278	
Nickel	310	30	28.3	25.1	22.5	18.8	22.3	20.7	25.6	24.1	
Potassium	NS	NS	2080	4540	1720	1710	2170	2030	1880	2590	
Selenium	180	3.9	<b>4.84</b>	<b>4.47</b>	<b>3.51</b>	2.36	<b>4.57</b>	2.68	<b>3.21</b>	2.84	
Silver	180	2	ND	ND	ND	ND	ND	ND	ND	ND	
Sodium	NS	NS	418	667	561	779	422	374	413	423	
Thallium	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	
Vanadium	NS	NS	41.8	45.3	24	25.5	37.4	25.3	33.2	33.6	
Zinc	10000	109	<b>253</b>	<b>160</b>	<b>385</b>	<b>221</b>	<b>964</b>	<b>123</b>	<b>149</b>	<b>158</b>	
Mercury	0.81	0.18	ND	ND	ND	ND	ND	ND	ND	ND	

**Notes:**

- All measurements recorded in parts per million or ppm.
- Samples analyzed in accordance with EPA Test Method 7471.
- ND = Undetected (Detection limits may vary). NS = Not specified.
- The presented guidance values were adopted from Guidance Value<sub>1</sub> or restricted residential soil cleanup objectives as defined in Part 375-6.8(b) and Guidance Value<sub>2</sub>, unrestrictive soil cleanup objectives as defined in Part 375-6.8(a)
- Sample concentration exceedances as described in Guidance Value<sub>1</sub> or restricted residential soil cleanup objectives are printed in bold and underlined. Sample concentration exceedances as described in Guidance Value<sub>2</sub> or unrestrictive soil cleanup objectives are printed in bold and highlighted in yellow.

**TABLE 3**

**Pesticides/PCBs Soil Analysis vs. NYSDEC Guidance Values**

Sampling Performed: November 12, 2013

**Site:**

Tyler's Bronx Tunnel, LLC  
 Webster III - 2981 Webster Avenue, Bronx, New York

**Client Name:** Tyler's Bronx Tunnel, LLC

**Address:** Post Office Box 9

Purchase, New York 10577

**Contact Name:** Michael Froning

**OER Project Number:** 13EN-AN187X  
**Consultant:** DT Consulting Services, Inc.

Compound	Guidance Value <sub>1</sub>	Guidance Value <sub>2</sub>	SB-1A	SB-2A	SB-2B	SB-3A	SB-3B	SB-4A	SB-4A (Duplicate)	SB-4B
Depth of Sample (ft.)			0-2'	0-2'	9-11'	0-2'	9-11'	0-2'	0-2'	9-11'
4,4'-DDD	13,000	3.3	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	8,900	3	ND	ND	<b>4.45</b>	ND	2.65	ND	ND	ND
4,4'-DDT	7,900	3.3	<b>6.68</b>	ND	<b>18.5</b>	<b>3.74</b>	<b>14</b>	ND	2.37	<b>7.34</b>
Aldrin	97	5	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	480	20	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	1,000	100	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	1,000	100	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	1,000	100	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1248	1,000	100	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	1,000	100	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1260	1,000	100	ND	ND	ND	ND	ND	ND	ND	ND
beta-BHC	360	36	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane, total	4,200	94	ND	ND	ND	ND	ND	ND	ND	ND
delta-BHC	100,000	40	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	200	5	ND	ND	2.97	ND	<b>7</b>	ND	ND	ND
Endosulfan I	24,000	2,400	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	24,000	2,400	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	24,000	2,400	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	11,000	14	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC (Lindane)	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	2,100	42	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs	1,000	100	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND

**Notes:**

1. All measurements recorded in parts per billion or ppb.
2. Samples analyzed in accordance with EPA Test Method 8081/8082.
3. ND = Undetected (Detection limits may vary). NS = Not specified.
4. Sample concentration exceedances as described in Guidance Value<sub>1</sub> or restricted residential soil cleanup objectives are printed in bold and underlined.  
 Sample concentration exceedances as described in Guidance Value<sub>2</sub> or unrestricted soil cleanup objectives are printed in bold and highlighted in yellow.

TABLE 4

Groundwater VOC Soil Analysis vs. NYSDEC Guidance Values

Sampling Performed: November 12, 2012

Page 1 of 4

Site:  
Tyler's Bronx Tunnel, LLC  
Webster III - 2981 Webster Avenue, Bronx, New York

Client Name: Tyler's Bronx Tunnel, LLC  
Address: Post Office Box 9  
Purchase, New York 10577  
Contact Name: Michael Froning

OER Project Number: 13EN-AN187X  
Consultant: DT Consulting Services, Inc.

Compound	Guidance Value		SB-2/MW-1	SB-2/MW-1 (Duplicate)	SB-3/MW-2	SB-4/MW-3	
1,1,1-Trichloroethane	5		ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	0.2		ND	ND	ND	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	5		ND	ND	ND	ND	
1,1,2-Trichloroethane	1		ND	ND	ND	ND	
1,1-Dichloroethane	5		ND	ND	ND	ND	
1,2,4-Trichlorobenzene	5		ND	ND	ND	ND	
1,2,4-Trimethylbenzene	5		ND	ND	ND	ND	
1,2-Dibromoethane	5		ND	ND	ND	ND	
1,2-Dichlorobenzene	5		ND	ND	ND	ND	
1,2-Dichloroethane	0.6		ND	ND	ND	ND	
1,2-Dichloropropane	5		ND	ND	ND	ND	
1,2-Dichlorotetrafluoroethane	NS		ND	ND	ND	ND	
1,3,5-Trimethylbenzene	5		ND	ND	ND	ND	
1,3-Butadiene	NS		ND	ND	ND	ND	
1,3-Dichlorobenzene	5		ND	ND	ND	ND	
1,4-Dichlorobenzene	5		ND	ND	ND	ND	
1,4-Dioxane	NS		ND	ND	ND	ND	
2-Butanone	NS		ND	ND	ND	ND	
2-Hexanone	50		ND	ND	ND	ND	
4-Methyl-2-pentanone	NS		ND	ND	ND	ND	
Acetone	50		ND	ND	ND	ND	
Benzene	1		ND	ND	ND	ND	
Benzylchloride	NS		ND	ND	ND	ND	
Bromodichloromethane	5		ND	ND	ND	ND	
Bromoform	50		ND	ND	ND	ND	
Bromomethane	5		ND	ND	ND	ND	
Carbon Disulfide	NS		ND	ND	ND	ND	
Carbon Tetrachloride	5		ND	ND	ND	ND	
Chlorobenzene	5		ND	ND	ND	ND	
Chloroethane	5		ND	ND	ND	ND	
Chloroform	7		0.9J	0.8J	1.1J	2.0J	
Chloromethane	NS		ND	ND	ND	ND	
cis-1,2-Dichloroethene	5		ND	ND	ND	ND	
cis-1,3-Dichloropropylene	5		ND	ND	ND	ND	
Cyclohexane	NS		ND	ND	ND	ND	
Dibromochloromethane	5		ND	ND	ND	ND	
Dichlorodifluoromethane	5		ND	ND	ND	ND	
Ethyl acetate	NS		ND	ND	ND	ND	
Ethyl Benzene	5		ND	ND	ND	ND	
Hexachlorobutadiene	0.5		ND	ND	ND	ND	
Isopropanol	NS		ND	ND	ND	ND	
MTBE	10		ND	ND	ND	ND	
Methylene chloride	5		ND	ND	ND	ND	
n-Heptane	NS		ND	ND	ND	ND	
n-Hexane	NS		ND	ND	ND	ND	
n-Xylene	NS		ND	ND	ND	ND	
p- & m- Xylenes	5		ND	ND	ND	ND	
p-Ethyltoluene	NS		ND	ND	ND	ND	
Propylene	NS		ND	ND	ND	ND	
Styrene	5		ND	ND	ND	ND	
Tetrachloroethene	5		1.7J	1.8J	2.4J	3.0J	
Tetrahydrofuran	50		ND	ND	ND	ND	
Toluene	5		ND	ND	ND	ND	
trans-1,2-Dichloroethene	5		ND	ND	ND	ND	
trans-1,3-Dichloropropylene	5		ND	ND	ND	ND	
Trichloroethene	5		ND	ND	ND	ND	
Trichlorofluoromethane	5		ND	ND	ND	ND	
Vinyl acetate	NS		ND	ND	ND	ND	
Vinyl Chloride	2		ND	ND	ND	ND	

## Notes:

- All measurements recorded in parts per billion or ppb.
- Samples analyzed in accordance with EPA Test Method 8260.
- ND = Undetected (Detection limits may vary). NS = Not specified.
- J = Detected below reporting limit but greater than or equal to MDL; therefore, the result is an estimated concentration. B = Analyte is found in the associated analysis batch blank.
- The presented guidance values were adopted from NYSDEC Division of Water TOGS 1.1.1, June 1998.

TABLE 4

## Groundwater SVOC Soil Analysis vs. NYSDEC Guidance Values

Sampling Performed: November 12, 2012

Page 2 of 4

Site:

Tyler's Bronx Tunnel, LLC  
Webster III - 2981 Webster Avenue, Bronx, New York

Client Name: Tyler's Bronx Tunnel, LLC

Address: Post Office Box 9  
Purchase, New York 10577

Contact Name: Michael Froning

OER Project Number: 13EN-AN187X  
Consultant: DT Consulting Services, Inc.

Compound	Guidance Value		SB-2/MW-1	SB-2/MW-1 (Duplicate)	SB-3/MW-2	SB-4/MW-3	
1,2,4-Trichlorobenzene	5		ND	ND	ND	ND	
1,2-Dichlorobenzene	3		ND	ND	ND	ND	
1,3-Dichlorobenzene	3		ND	ND	ND	ND	
1,4-Dichlorobenzene	3		ND	ND	ND	ND	
2,4,5-Trichlorophenol	NS		ND	ND	ND	ND	
2,4,6-Trichlorophenol	NS		ND	ND	ND	ND	
2,4-Dichlorophenol	5		ND	ND	ND	ND	
2,4-Dimethylphenol	50		ND	ND	ND	ND	
2,4-Dinitrophenol	NS		ND	ND	ND	ND	
2,4-Dinitroto luene	5		ND	ND	ND	ND	
2,6-Dinitroto luene	0.07		ND	ND	ND	ND	
2-Chloronaphthalene	10		ND	ND	ND	ND	
2-Chlorophenol	NS		ND	ND	ND	ND	
2-Methylnaphthalene	5		ND	ND	ND	ND	
2-Nitroaniline	5		ND	ND	ND	ND	
2-Nitrophenol	NS		ND	ND	ND	ND	
3- & 4-Methylphenols	NS		ND	ND	ND	ND	
3,3'-Dichlorobenzidine	5		ND	ND	ND	ND	
3-Nitroaniline	5		ND	ND	ND	ND	
4,6-Dinitro-2-methylphenol	NS		ND	ND	ND	ND	
4-Bromophenyl phenyl ether	NS		ND	ND	ND	ND	
4-Chloro-3-methylphenol	NS		ND	ND	ND	ND	
4-Chloroaniline	5		ND	ND	ND	ND	
4-Chlorophenyl phenyl ether	NS		ND	ND	ND	ND	
4-Nitroaniline	5		ND	ND	ND	ND	
4-Nitrophenol	NS		ND	ND	ND	ND	
Acenaphthene	20		ND	ND	ND	ND	
Acenaphthylene	NS		ND	ND	ND	ND	
Anthracene	50		ND	ND	ND	ND	
Benzo(a)anthracene	0.002		ND	ND	ND	ND	
Benzo(a)pyrene	0.002		ND	ND	ND	ND	
Benzo(b)fluoranthene	0.002		ND	ND	ND	ND	
Benzo(g,h,i)perylene	NS		ND	ND	ND	ND	
Benzo(k)fluoranthene	0.002		ND	ND	ND	ND	
Benzoic acid	NS		ND	ND	ND	ND	
Benzyl alcohol	NS		ND	ND	ND	ND	
Benzyl butyl phthalate	NS		ND	ND	ND	ND	
Bis(2-chloroethoxy)methane	5		ND	ND	ND	ND	
Bis(2-chloroethyl)ether	1		ND	ND	ND	ND	
Bis(2-ethylhexyl)phthalate	5		ND	ND	ND	ND	
Chrysene	0.002		ND	ND	ND	ND	
Dibenz(a,h)anthracene	NS		ND	ND	ND	ND	
Dibenzofuran	NS		ND	ND	ND	ND	
Diethyl phthalate	50		ND	ND	ND	ND	
Dimethyl phthalate	50		ND	ND	ND	ND	
Di-n-butyl phthalate	NS		ND	ND	ND	ND	
Di-n-octyl phthalate	50		ND	ND	ND	ND	
Fluoranthene	50		ND	ND	ND	ND	
Fluorene	50		ND	ND	ND	ND	
Hexachlorobenzene	0		ND	ND	ND	ND	
Hexachlorobutadiene	0.5		ND	ND	ND	ND	
Hexachlorocyclopentadiene	5		ND	ND	ND	ND	
Hexachloroethane	5		ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	0.002		ND	ND	ND	ND	
Isophorone	50		ND	ND	ND	ND	
Naphthalene	10		ND	ND	ND	ND	
Nitrobenzene	0.4		ND	ND	ND	ND	
N-nitroso-di-n-propylamine	50		ND	ND	ND	ND	
Pentachlorophenol	NS		ND	ND	ND	ND	
Phenanthrene	50		ND	ND	ND	ND	
Phenol	NS		ND	ND	ND	ND	
Pyrene	50		ND	ND	ND	ND	

## Notes:

- All measurements recorded in parts per billion or ppb.
- Samples analyzed in accordance with EPA Test Method 8270 B/N.
- ND = Undetected (Detection limits may vary). NS = Not specified.
- J = Detected below reporting limit but greater than or equal to MDL; therefore, the result is an estimated concentration.
- The presented guidance values were adopted from NYSDEC Division of Water TOGS 1.1.1, June 1998.

**TABLE 4**

**TAL Metals Soil Analysis vs. NYSDEC Guidance Values**

**Sampling Performed: November 12, 2012**

**Page 3 of 4**

**Site:**

Tyler's Bronx Tunnel, LLC  
 Webster III - 2981 Webster Avenue, Bronx, New York

**Client Name:** Tyler's Bronx Tunnel, LLC

**Address:** Post Office Box 9  
 Purchase, New York 10577

**Contact Name:** Michael Froning

**OER Project Number: 13EN-AN187X**  
**Consultant: DT Consulting Services, Inc.**

Compound	Guidance Value	SB-2/MW-1	SB-2/MW-1 Duplicate	SB-3/MW-2	SB-4/MW-3
Aluminum	0.1	ND	0.066	ND	ND
Antimony	0.003	ND	ND	ND	ND
Arsenic	0.025	ND	ND	ND	ND
Barium	1	0.197	0.185	0.191	0.198
Beryllium	0.003	ND	ND	ND	ND
Cadmium	0.005	ND	ND	ND	ND
Calcium	NS	58.8	72.1	60.8	61.6
Chromium	0.05	ND	ND	ND	ND
Cobalt	0.005	ND	ND	ND	ND
Copper	0.2	ND	ND	ND	ND
Iron	0.3	0.041	0.108	0.055	ND
Lead	0.025	ND	ND	ND	ND
Magnesium	35	18.7	16.9	17.4	17.3
Manganese	0.3	0.265	0.017	0.203	0.007
Nickel	0.1	0.006	ND	ND	ND
Potassium	NS	6.68	7.03	6.6	6.23
Selenium	0.01	ND	ND	ND	ND
Silver	0.05	ND	ND	ND	ND
Sodium	20	<b><u>127</u></b>	<b><u>91.1</u></b>	<b><u>101</u></b>	<b><u>99.8</u></b>
Thallium	0.0005	ND	ND	ND	ND
Vanadium	0.014	ND	ND	ND	ND
Zinc	2	0.021	0.026	0.023	0.022
Mercury	0.0007	ND	ND	ND	ND

**Notes:**

1. All measurements recorded in parts per million or ppm.
2. Samples analyzed in accordance with EPA Test Method 7471.
3. ND = Undetected (Detection limits may vary). NS = Not specified.
4. The presented guidance values were adopted from NYSDEC Division of Water TOGS 1.1.1, June 1998.
5. Sample concentration exceedances as described in TOGS 1.1.1 are printed in bold and underlined as such **100**.

**TABLE 4****Pesticides/PCBs Soil Analysis vs. NYSDEC Guidance Values****Sampling Performed: November 12, 2012****Page 4 of 4****Site:**Tyler's Bronx Tunnel, LLC  
Webster III - 2981 Webster Avenue, Bronx, New York**Client Name:** Tyler's Bronx Tunnel, LLC**Address:** Post Office Box 9

Purchase, New York 10577

**Contact Name:** Michael Froning**OER Project Number: 13EN-AN187X**  
**Consultant: DT Consulting Services, Inc.**

Compound	Guidance Value		SB-2/MW-1	SB-2/MW-1 Duplicate	SB-3/MW-2	SB-4/MW-3	
4,4'-DDD	0.3		ND	ND	ND	ND	
4,4'-DDE	0.2		ND	ND	ND	ND	
4,4'-DDT	0.2		0.00343	0.00273	ND	ND	
Aldrin	0.002		ND	ND	ND	ND	
alpha-BHC	NS		ND	ND	ND	ND	
Aroclor 1221	5		ND	ND	ND	ND	
Aroclor 1232	5		ND	ND	ND	ND	
Aroclor 1242	5		ND	ND	ND	ND	
Aroclor 1248	5		ND	ND	ND	ND	
Aroclor 1254	5		ND	ND	ND	ND	
Aroclor 1260	5		ND	ND	ND	ND	
beta-BHC	NS		ND	ND	ND	ND	
Chlordane, total	0.05		ND	ND	ND	ND	
delta-BHC	NS		ND	ND	ND	ND	
Dieldrin	0.004		0.00261	0.00202	ND	ND	
Endosulfan I	0.009		ND	ND	ND	ND	
Endosulfan II	0.009		ND	ND	ND	ND	
Endosulfan sulfate	NS		ND	ND	ND	ND	
Endrin	0		ND	ND	ND	ND	
Endrin aldehyde	5		ND	ND	ND	ND	
gamma-BHC (Lindane)	NS		ND	ND	ND	ND	
Heptachlor	NS		ND	ND	ND	ND	
Heptachlor epoxide	NS		ND	ND	ND	ND	
Methoxychlor	35		ND	ND	ND	ND	
Total PCBs	0.09		ND	ND	ND	ND	
Toxaphene	0.06		ND	ND	ND	ND	

**Notes:**

1. All measurements recorded in parts per billion or ppb.
2. Samples analyzed in accordance with EPA Test Method 8081/8082.
3. ND = Undetected (Detection limits may vary). NS = Not specified.
5. The presented guidance values were adopted from NYSDEC Division of Water TOGS 1.1.1, June 1998.

TABLE 5:

## SUMMARY OF TO-15 VOLATILES IN AIR SAMPLES

Page 1 of 1

Site: Tyler's Bronx Tunnel, LLC  
 Address: Webster III - 2981 Webster Avenue, Bronx, New York  
 OER Project Number: 13EN-AN186X

Client: Tyler's Bronx Tunnel, LLC  
 Address: Post Office Box 9  
 Purchase, New York 10577

Contractor: DT Consulting Services, Inc.  
 Laboratory: York Analytical Laboratories, Inc.  
 Stratford, CT 06615

Sample ID: Location: Depth (ft.): Date: Lab Sample ID: Units:	NYSDOH Air Guideline Values	USEPA TARGET SHALLOW GAS CONCENTRATIONS(*)	Soil Gas SG-1	Soil Gas SG-2	Soil Gas SG-3
			8 11/12/2012 12K0394 µg/m <sup>3</sup>	8 11/12/2012 12K0394 µg/m <sup>3</sup>	8 11/12/2012 12K0394 µg/m <sup>3</sup>
<b>Analysis:</b> EPA Method TO-15 Volatiles in Air					
1,1,1-Trichloroethane	NS	22000	ND	ND	ND
1,1,2,2-Tetrachloroethane	NS	42	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	ND	1.6	ND
1,1,2-Trichloroethane	NS	150	ND	ND	ND
1,1-Dichloroethane	NS	5000	ND	ND	ND
1,1-Dichloroethylene	NS	NS	ND	ND	ND
1,2,4-Trichlorobenzene	NS	2000	ND	ND	ND
1,2,4-Trimethylbenzene	NS	60	1.7	ND	ND
1,2-Dibromoethane	NS	2	ND	ND	ND
1,2-Dichlorobenzene	NS	2000	ND	ND	ND
1,2-Dichloroethane	NS	94	ND	ND	ND
1,2-Dichloropropane	NS	40	ND	ND	ND
1,2-Dichlorotetrafluoroethane	NS	NS	ND	ND	ND
1,3,5-Trimethylbenzene	NS	60	ND	2.5	ND
1,3-Butadiene	NS	8.7	ND	ND	ND
1,3-Dichlorobenzene	NS	1100	ND	ND	ND
1,4-Dichlorobenzene	NS	8000	ND	ND	ND
1,4-Dioxane	NS	NS	ND	ND	ND
2-Butanone	NS	10000	ND	53	27
2-Hexanone	NS	NS	5.3	ND	2.1
4-Methyl-2-pentanone	NS	800	18	ND	ND
Acetone	NS	3500	140E	120E	57
Benzene	NS	310	7	5.3	1.6
Benzyl chloride	NS	50	ND	ND	ND
Bromodichloromethane	NS	140	ND	ND	ND
Bromoform	NS	2200	ND	ND	ND
Bromomethane	NS	NS	ND	ND	ND
Carbon Disulfide	NS	7000	110	11	4.4
Carbon Tetrachloride	NS	160	0.59	0.89	0.62
Chlorobenzene	NS	600	ND	ND	ND
Chloroethane	NS	10000	ND	ND	ND
Chloroform	NS	110	7.2	6.2	6.8
Chloromethane	NS	NS	ND	ND	ND
cis-1,2-Dichloroethylene	NS	350	ND	ND	ND
cis-1,3-Dichloropropylene	NS	200	ND	ND	ND
Cyclohexane	NS	NS	1.4	0.73	0.68
Dibromochloromethane	NS	100	ND	ND	ND
Dichlorodifluoromethane	NS	2000	ND	ND	ND
Ethyl acetate	NS	32000	ND	1.2	0.83
Ethyl Benzene	NS	2200	3.8	3.5	2.7
Hexachlorobutadiene	NS	110	2	ND	ND
Isopropanol	NS	NS	5.5	25	40
MTBE	NS	30000	ND	ND	ND
Methylene chloride	60	5200	2	2.4	2.7
n-Heptane	NS	NS	23	2	0.94
n-Hexane	NS	2000	45	1.9	1.1
o-Xylene	NS	70000	2.7	1.8	2.1
p- & m- Xylenes	NS	70000	12	10	10
p-Ethyltoluene	NS	NS	ND	ND	ND
Propylene	NS	NS	ND	ND	ND
Styrene	NS	NS	ND	5.8	8.5
Tetrachloroethylene	100	810	28	4.4	1.3
Tetrahydrofuran	NS	NS	ND	ND	ND
Toluene	NS	4000	18	17	10
trans-1,2-Dichloroethylene	NS	700	ND	ND	ND
trans-1,3-Dichloropropylene	NS	200	ND	ND	ND
Trichloroethylene	5	220	2.3	0.57	0.62
Trichlorofluoromethane	NS	7000	13	210E	55
Vinyl acetate	NS	200	ND	ND	ND
Vinyl Chloride	NS	280	ND	ND	ND

**Notes:**

- Those analytes which exceeded NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 are presented in bold type as such: **100**.
- USEPA OSWER Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils (Subsurface Vapor Intrusion Guidance) November 2002: Table 2A Target Shallow Soil Gas Concentration - Corresponding to Target Indoor Air Concentration Where the Soil Gas to Indoor Air Attenuation Factor = 0.1.
- ND = Non-detect.
- NS = No Standard.

**APPENDIX A**

**PHASE I ENVIRONMENTAL  
SITE ASSESSMENT REPORT**

**TYLER'S BRONX TUNNEL, LLC  
2977-2999 WEBSTER AVENUE  
BRONX, NEW YORK 10458**

**TEAM ENVIRONMENTAL  
CONSULTANTS, INC.  
30 INDUSTRIAL DRIVE  
MIDDLETOWN, NEW YORK  
(845) 692-8124**

**JULY 6, 2012**

## **1.0 EXECUTIVE SUMMARY**

Team Environmental Consultants, Inc. (TEAM), was authorized by Tyler's Bronx Tunnel, LLC to conduct a Phase I Environmental Site Assessment (ESA) of a commercial property located at 2977-2999 Webster Avenue in the Borough of Bronx, New York. TEAM's Phase I ESA was conducted in general conformance with ASTM Practice E 1527-05 (Standard Practice for Phase I ESA Process) guidelines. The objective of this effort was to identify significant environmental impairments and liabilities associated with the subject property. The requested scope of work included the following tasks: 1) Review of readily available regulatory information; 2) Performance of site interviews and a walk-through property inspection; 3) Review of a federal and state environmental database report; and 4) Documentation of findings in a Phase I ESA Report.

Based on the property setting, availability of a municipal water supply, review of available information, performance of Phase I ESA interviews, and findings of the property walk-through inspection, no significant and immediate environmental liability issues or "recognized environmental conditions" associated with the property were identified.

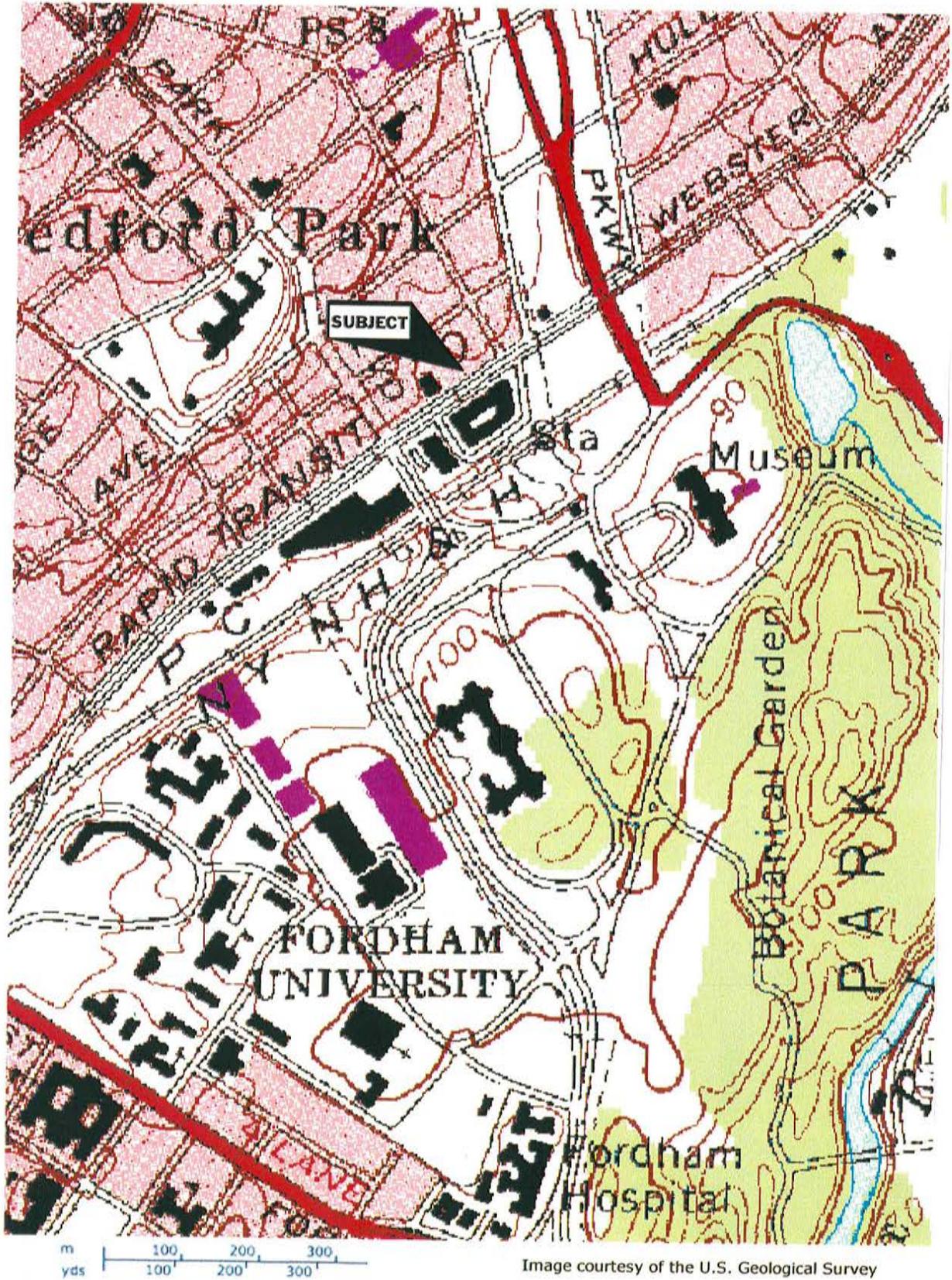
## **2.0 PROPERTY DESCRIPTION**

### **2.1 Site Description**

The subject property is located along the northwestern side of Webster Avenue, approximately one-half mile west of the Bronx River Parkway, in the Borough of Bronx, City and State of New York (Figures 1 and 2). The site is situated within an urban mixed-use setting and is bordered to the northeast by a three-story structure which houses ground floor commercial store fronts and upper level residential apartments and East 201st Street, to the southeast by Webster Avenue and a mixed-use building (Botanical Square), to the southwest by a commercial business (Vanity Fair Bathmart - 2971 Webster Avenue), and to the northwest by residential properties (single and multi-family) located along Decatur Avenue. The site topography is generally level and at grade with neighboring roadways. Photographs obtained during performance of the property walk-through inspection are presented within Attachment A.

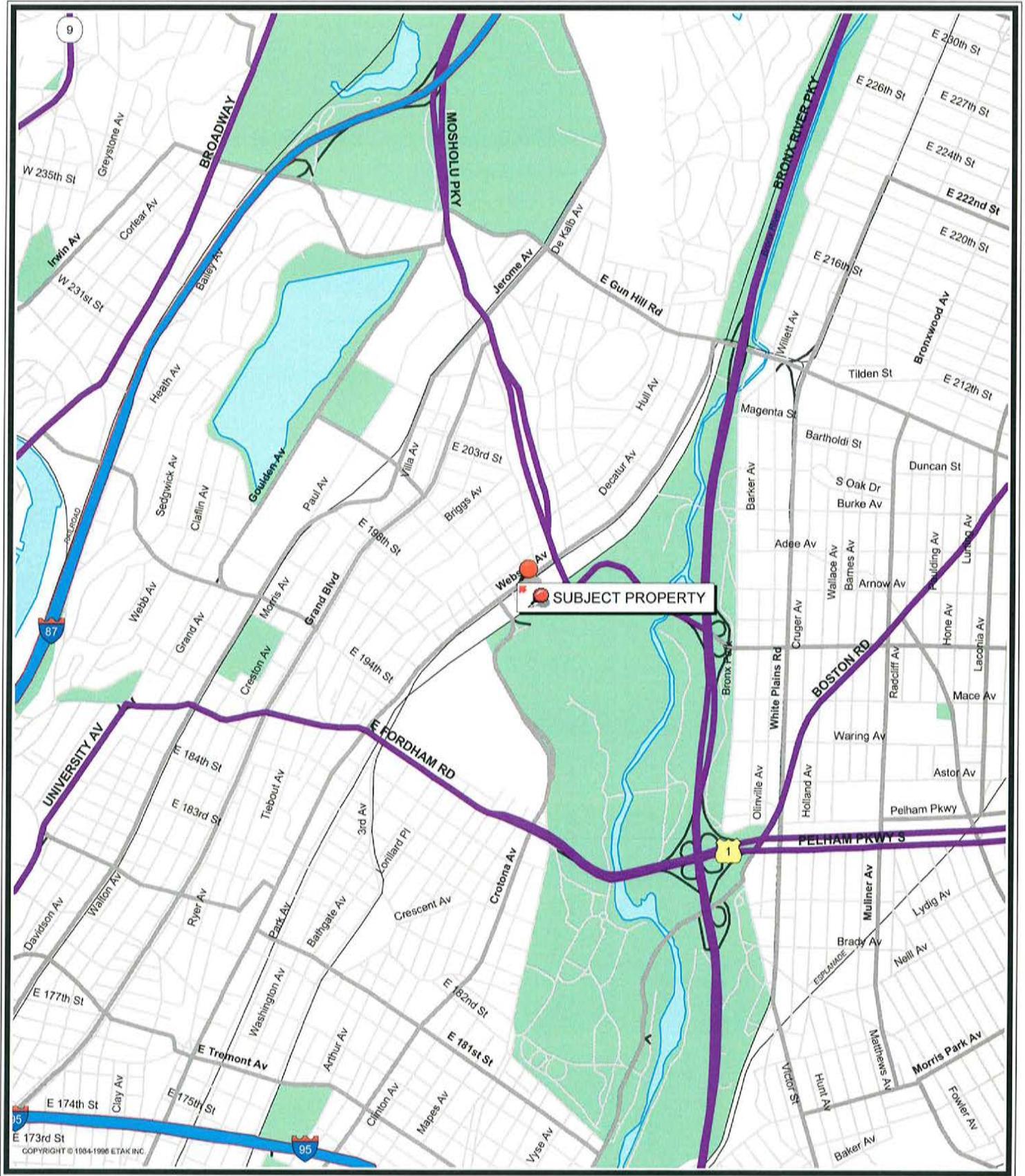
The 0.48-acre (~21,000 ft<sup>2</sup>) property consists of five non-contiguous tax parcels (Lots 39, 45, 46, 48, and 49). The site is improved with four one-story commercial buildings and a cleared undeveloped parcel (Lot 49). The site buildings were historically tenanted by a property owner operated retail/wholesale plumbing supply business (Garson Plumbing Supplies, Inc.). Active site use ceased in April of 2012. At the time of inspection, the site buildings were in the process of being vacated (i.e., removal of stored materials and remaining plumbing supplies). The property found between Lots 39 and 45 is improved with a one-story vehicle repair business (Nunez Auto

FIGURE 1 - SITE LOCATION MAP



USGS TOPOGRAPHIC MAP  
7.5 MINUTE SERIES - JULY 1992  
BRONX, NEW YORK

FIGURE 2 - PROPERTY LOCATOR MAP



General Mechanic - 2991-2993 Webster Avenue). Photographs obtained during performance of the property walk-through inspection are presented within Attachment A. A description of the subject parcels and existing site improvements is presented in the following table.

Lot Number Street Address	Parcel Dimensions	Property Description
Lot 39 2997-2999 Webster Avenue	~50' x 117'	This circa-1925 building (~50' x 67') was utilized until 1997 by Vanity Fair Bathmart, Inc. as a cabinet manufacturing, showroom, and office facility. Since 1997, the structure has been operated as a Garson Plumbing Supplies warehouse.
Lot 45 2989 Webster Avenue	~25' x 121'	The structure (~25' x 109') was reportedly built in 1990 on a previously undeveloped parcel and has historically housed a Garson Plumbing Supplies office area, kitchenette, and storage warehouse.
Lot 46 2987 Webster Avenue	~25' x 121'	The circa-1925 building (~25' x 121') consists of a Garson Plumbing Supplies customer service counter and warehouse and is accessed from the interior of the 2989 Webster Avenue structure.
Lot 48 2985 Webster Avenue	~25' x 121'	This circa-1928 structure (~25' x 120') is used as a plumbing supply storage warehouse.
Lot 49 2977 Webster Avenue	~50' x 121'	This undeveloped property is used for vehicle parking purposes. The parcel formerly contained a five-story mixed-use building that was demolished as a result of fire damage in the mid-1980's.

No documentation detailing historic property development or the performance of building renovation efforts was available. According to Phase I ESA interviews, planned site improvement work calls for demolition of the existing structures and construction of a multi-story apartment house structure. No formal site development plans or timetable for the performance of building demolition or construction efforts have yet been finalized. The potable water supply and sanitary waste treatment service will be provided by the City of New York (New York City Department of Environmental Protection). Facility heating and cooling will be supplied by natural gas fired equipment. No underground or aboveground petroleum storage tanks will be associated with the proposed building. Electrical service and natural gas are supplied to the area by Consolidated

Edison Utilities (ConEd). Non-hazardous solid waste will be removed for offsite disposal by the City of New York.

Current property owner representative, Noah Garson, informed TEAM that the existing commercial structures have historically been heated by natural gas fired systems (ceiling mounted blowers). The 2985 and 2997-2999 buildings do not contain any active heating systems. He was unaware of the current or former onsite presence of any underground or aboveground petroleum storage tanks.

## 2.2 Site History

Noah Garson indicated that the subject properties have been family owned and operated for the past sixty-five years. The following historic site ownership information was obtained from an on-line New York City Department of Finance Database.

Tax Map Number Street Address	Current & Former Property Owners
Section 3280 Lot 39 2997-2999 Webster Avenue	Current Owner - 2999 Realty Corp. (December 1975) Former Property Owner - Irvin & Murray Garson (?-1975)
Section 3280 Lot 45 2989 Webster Avenue	Current Owner - Garson Plumbing Supplies (October 1985) Former Property Owners - NYC Public Development Corp. (1985), Murvin Realty Corp. (1975-1985), and Irvin and Murray Garson (?-1975).
Section 3280 Lot 46 2987 Webster Avenue	Current Owner - Murvin Realty Corp. (December 1975) Former Property Owner - Irvin & Murray Garson (?-1975)
Section 3280 Lot 48 2985 Webster Avenue	Current Owner - Murvin Realty Corp. (December 1975) Former Property Owners - Irvin Garson and Garson Building Supplies (?-1975)
Section 3280 Lot 49 2977 Webster Avenue	Current Owner - Garson Plumbing Supplies (October 1985) Former Property Owners - NYC Public Development Corp./City of New York (1983-1985), Lazarus Lagaros Realty Corp. (1979-1983), Howard Realty Corp. (1979), Stahan Realty Corp. (1979), Farkahta Properties, Ltd. (1979), and Estelle Wallach.

No previously conducted title searches, documentation detailing historic property ownership, or contact information for former property owners was available. None of the owners on record appear to have been an industrial concern that would be expected to have utilized the property for the manufacturing, storage, or disposal of hazardous materials.

Historic Sanborn Fire Insurance Maps from 1900-1989 (Section 2.5) identified the subject parcels (Lots 39-48) to have formerly contained retail and commercial businesses. Lot 49 previously housed a five-story apartment building (with ground floor level “stores”). Noah Garson indicated that this structure was demolished in the mid-1980’s as a result of a fire. No site or regulatory information as to historic use of the subject parcels for industrial or manufacturing purposes (i.e., activities expected to have routinely produced regulated hazardous materials or waste products) was available during performance of the Phase I ESA.

### 2.3 User Provided Information

No previously prepared title records, Phase I or II Environmental Site Assessment reports, information concerning environmental liens, property use limitations, valuation reduction based on environmental issues, or commonly known/reasonably ascertainable information that is material to recognized environmental conditions in connection with the subject site was provided to TEAM during performance of the Phase I ESA. Noah Garson informed TEAM that a Phase I ESA was conducted as part of a prior property refinancing effort. He indicated that no issues of environmental concern or liability were identified and that no follow-up environmental site investigations were recommended by the consultant. He was unable to provide TEAM with a copy of said report.

### 2.4 Aerial Photograph Review

Aerial photographs of the subject property location were reviewed by TEAM to assist with the evaluation of historic site use. Photographs were obtained from an on-line Google Earth (March 1995, March 2003, April 2008, and June 2010) web site. Review of the 1995 figure was difficult due to poor image quality. All four photographs identified the subject structures. Adjoining properties were shown to be used for residential (northwest) and retail/commercial purposes. The scale and clarity of these images precluded an in-depth inspection of the subject property for visual evidence of environmental impairment (e.g., aboveground petroleum storage tanks, fuel dispensing pumps, dumping). Copies of referenced photographs are found within Attachment B.

### 2.5 Sanborn Fire Insurance Map Review

Sanborn Fire Insurance Maps were obtained for the Webster Avenue property location for the years 1900, 1914, 1946, 1950, 1978, 1980, 1981, 1984, 1986, and 1989. The inspection of several figures (copies provided in Attachment C) were difficult due to poor map clarity. All maps noted the adjoining parcels to the northwest along Decatur Avenue to be used for residential purposes. Neighboring properties found to the northeast and southwest along Webster Avenue

were historically improved with multi-story residential (with ground floor store fronts) and retail/commercial structures. A description of the subject parcels is provided in the following table. None of the inspected maps identified historic site use for large scale manufacturing or industrial purposes (i.e., operations expected to have routinely utilized or produced regulated hazardous waste products) or the presence of any underground petroleum storage tanks.

Sanborn Map Date	Subject Property Use
1900	Lots 39, 45, and 49 are indicated to be undeveloped. Lots 46 and 48 are shown to contain several one-story structures (one of which is referenced to be a "waiting room.")
1914	Lot 39 is improved with three adjoining one-story buildings (paints, glazing, and roofing). Lot 45 is undeveloped. Lots 46 and 48 house one-story structures ("stores" and an office) which are noted to be vacant. Lot 49 contains a five-story apartment house with ground floor store fronts.
1946	Lot 39 is improved with three adjoining one-story buildings ("stores"). Lot 45 is undeveloped. Lots 46 houses a one-story "store." The one-story Lot 48 building is shown to be used for "auto service" purposes. Lot 49 contains a five-story apartment house with ground floor store fronts.
1950	Lot 39 is improved with three adjoining one-story buildings ("stores"). Lot 45 is undeveloped. Lots 46 houses a one-story "plumbing shop." The one-story Lot 48 building is shown to be used for "auto service" purposes. Lot 49 contains a five-story apartment house with ground floor store fronts.
1978-1981	Lot 39 is improved with a one-story commercial building (no tenancy noted). Lot 45 is undeveloped. Lots 46 houses a one-story "plumbing supplies" business. The one-story Lot 48 building is used for commercial purposes. Lot 49 contains a five-story apartment house with ground floor store fronts.
1984-1986	Lot 39 is improved with a one-story commercial building (no tenancy noted). Lot 45 is undeveloped. Lots 46 houses a one-story "plumbing supplies" business. The one-story Lot 48 building is used for commercial purposes. Lot 49 is illustrated to be undeveloped.
1989	Lot 39 is improved with a one-story commercial building (no tenancy noted). Lot 45 contains a one-story commercial structure. Lots 46 and 48 each house a one-story commercial and warehouse building. Lot 49 is illustrated to be undeveloped.

### **3.0 SITE INSPECTION**

On June 7, 2012, TEAM together with property owner representative, Noah Garson, conducted an inspection of accessible sections of the buildings and surrounding property. The authorized scope of work did not include performance of any field sampling activities (e.g., asbestos, soil, mold, or groundwater) or completion of a formal regulatory compliance audit, as it would relate to

the use, storage, permitting, or disposal of regulated materials and waste products. A listing of Phase I ESA interview and information sources is presented within Attachment D.

### 3.1 Property Inspection

The inspection of accessible exterior property areas (limited due to the presence of parked vehicles, stored materials, and vegetation) revealed no unusual odors or visual evidence of significant surface stains that could be indicative of leaking petroleum storage tanks, chemical spills, or industrial waste disposal. No PCB-labeled electrical equipment, suspected underground petroleum storage tank fill ports or vent pipes, aboveground petroleum or chemical storage tanks, unmarked waste storage containers, water supply or groundwater monitoring wells, or industrial waste storage or disposal facilities within the property confines were observed. Noah Garson informed TEAM that he was unaware of the current or former onsite presence of any underground petroleum storage tanks or issues of adverse environmental concern associated with historic commercial site use.

No surface water bodies or freshwater wetland habitat areas were observed within or adjacent to the subject property confines. This was confirmed during review of a USGS topographic map. The Bronx River is located approximately 2,000-feet to the southeast. The authorized scope of work did not include performance of formal wetland or flood plain delineation surveys.

### 3.2 Building Inspections

The inspection of accessible interior building sections was extremely difficult and limited due to ongoing business activities (i.e., removal of warehoused plumbing supplies and equipment) and the presence of furnishings, waste storage containers, and stored materials. The inspection of accessible building areas revealed no unusual odors or readily visual evidence of PCB-labeled electrical equipment, aboveground petroleum or chemical storage tanks, unmarked waste storage drums, significant chemical spillage or surface stains, exposed mold, or industrial waste storage areas. Inactive overhead heating units (natural gas fired) were noted at various site locations. A sealed floor drain was observed within the Lot 48 (2985 Webster Avenue) structure. Noah Garson noted that the Lot 45-48 buildings do not house any basement sections. He indicated that Lot 39 (2997-2999 Webster Avenue) contains three small unfinished basement areas (water meters and utility service connections) which are accessed from steel doors found along the Webster Avenue sidewalk. TEAM was unable to enter these locations (no keys available). TEAM was informed that no regulated or hazardous waste products requiring RCRA manifesting and tracking procedures were generated as a result of historic commercial site use (plumbing supply business) or routine building maintenance activities.

No exposed suspected friable asbestos containing materials were observed during the walk-through inspection. Based on the age of the building, asbestos containing materials (ACM) may be associated with the structure. No information concerning the performance of asbestos inspection or abatement operations associated with historic building renovation efforts was available. The authorized Phase I ESA scope of work did not include performance of formal asbestos or lead-based paint inspection or sampling surveys. A pre-demolition asbestos survey will be performed prior to the issuance of a building demolition permit by the City of New York Building Department.

#### **4.0 RECORDS REVIEW AND DOCUMENTATION**

##### **4.1 Regulatory Review - NYSDEC/City of New York**

The requested Phase I ESA time frame and scope of work precluded submittal of written Freedom of Information Legislation (FOIL) requests to the New York State Department of Environmental Conservation (NYSDEC) Region 2 Petroleum Bulk Storage Program, New York City Department of Environmental Protection, or City of New York Bureau of Fire Prevention.

##### **4.2 Federal and State Environmental Database Report**

TEAM has obtained an Environmental FirstSearch Network (EFSN) Site Assessment Report, which provides information concerning the target property and those sites located within an ASTM established radius and listed in any of the following Federal and State databases:

- National Priority List (NPL);
- Resource Conservation and Recovery Information System (RCRIS),  
Large Quantity Generators and TSD Facilities,  
Small Quantity Generators and Transporters;
- New York State/Tribal Brownfield Sites (BROWNFIELD);
- New York State Spills Database (SPILLS);
- Comprehensive Environmental Response, Compensation, and Liability System (CERCLIS);
- CERCLIS “No Further Remedial Action Planned” Sites (NFRAP);
- New York State Registry of Inactive Hazardous Waste Disposal Sites (STATE);
- Emergency Response Notification System (ERNS);
- New York Leaking Storage Tanks (LUST);
- New York State DEC Voluntary Cleanup Program (VCP);
- New York Active Solid Waste Facility Register (SWL); and
- New York Registered Bulk Storage Tanks (UST/AST).

The EFSN Database Report presented in Attachment E, identifies no NPL, CERCLIS, NFRAP, STATE, VCP, or BROWNFIELD sites within the ASTM established survey radius. Two ERNS, eleven LUST, and forty-one SPILLS sites are found within a one-quarter mile distance. The nearest of these is a SPILLS site located northwest of the target property at 2970 Decatur Avenue. The Spill Date is listed as November 22, 2006 (No. 2 fuel oil release from commercial vehicle during fuel oil delivery - NYSDEC Spill No. 06-09636). The issued Spill Number was noted to have been "closed" on November 24, 2006. The closest LUST site (Exxon Service Station) is situated approximately 400-feet to the southwest at 409 Bedford Park Boulevard. Spill Dates are referenced as July 3, 1991 (reported gasoline tank failure - NYSDEC Spill No. 91-03647) and December 2, 1993 (waste oil tank test failure - NYSDEC Spill No. 93-10656). The remedial status for both spill events is indicated to be "closed." An ERNS site (Mosholu Parkway Station) is found approximately 400-feet to the southeast. The Incident Date is shown as December 7, 2000 (railway accident). The neighboring 2991-2993 Webster Avenue property (Nunez Auto) is noted to be registered with the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage (PBS) Program as PBS No. 2-610836. The site is identified to contain a 250-gallon capacity aboveground waste oil storage tank (AST). No current or historic petroleum USTs were referenced. This business was not listed in either the SPILLS or LUST Databases.

As the subject property is serviced with a municipal water supply, the proximity of EFSN identified sites would not appear to impact or pose significant environmental liabilities with respect to planned site use or water quality issues. The 2977-2999 Webster Avenue property is not identified within any of the EFSN accessed databases.

## **5.0 CONCLUSIONS**

Based on the property setting, availability of a municipal water supply, review of available information, performance of Phase I ESA interviews, and findings of the property walk-through inspection, no significant and immediate environmental liability issues or "recognized environmental conditions" associated with the 2977-2999 Webster Avenue property were identified. No follow-up environmental site investigations are recommended at this time.

## 6.0 LIMITATIONS

The conclusions stated are based on the limits of the investigation described herein. TEAM can offer no assurances and assumes no responsibility for site conditions or activities which were outside the scope of the inquiry requested. It should be understood that TEAM has relied on the accuracy of documents, oral information, and other material and information provided by sources documented in this report. There can be no assurance, and TEAM offers no assurance, that site conditions do not exist or could not exist in the future which were undetected and which could lead to liability in connection with the site. Similarly, past and present activities on the site indicating potential environmental concerns may not have been discovered by TEAM's inquiries. TEAM was not requested to perform any follow-up environmental field investigations pertaining to site observations and historic property use. The Phase I Environmental Site Assessment was prepared for reliance by Stagg Group and Tyler's Bronx Tunnel, LLC.



---

Martin C. Wodka  
President

# **ATTACHMENT A**

**SITE PHOTOLOG - JUNE 7, 2012**

# ATTACHMENT A – PHOTOLOG

## TYLER'S BRONX TUNNEL, LLC

### 2977-2999 WEBSTER AVENUE, BRONX, NEW YORK

<u>Photo No.</u>	<u>Description</u>
1	Northern view from Webster Avenue towards subject property.
2	Northeastern view along Webster Avenue. Subject property seen along left side of roadway.
3	Northwestern view from Webster Avenue towards Lot 49 (undeveloped parking lot - 2977 Webster Avenue).
4	Southeastern view within Lot 49 (Webster Avenue seen in background).
5	Northwestern view towards Lot 48 (2985 Webster Avenue).
6	Interior view within Lot 48 structure (plumbing supply warehouse).
7	Overhead heating unit located in Lot 48 building.
8	Interior view within Lot 48 warehouse.
9	Northwestern view towards Lot 46 (2987 Webster Avenue).
10	Customer service counter within southeastern section of Lot 46 building.
11	Interior view within Lot 46 warehouse area.
12	Overhead heating unit located in Lot 46 building.
13	Northwestern view towards Lot 45 (2989 Webster Avenue).
14	Garson Plumbing office area located in southeastern section of Lot 45 building.
15	Kitchenette found in Lot 45 building.
16	Interior view within Lot 45 warehouse area.
17	Interior view within Lot 45 warehouse area.

- 18 Northwestern view towards Lot 39 building (2997-2999 Webster Avenue).
- 19 Interior view within Lot 39 warehouse area.
- 20 Interior view within Lot 39 cabinet manufacturing area.
- 21 Interior view within Lot 39 warehouse area.
- 22 Northeastern view along Webster Avenue sidewalk area.
- 23 Southwestern view along Webster Avenue sidewalk area.
- 24 Neighboring mixed-use property found to the northeast (3001-3003 Webster Avenue).
- 25 Neighboring commercial property (2971 Webster Avenue) located to the southwest.



1



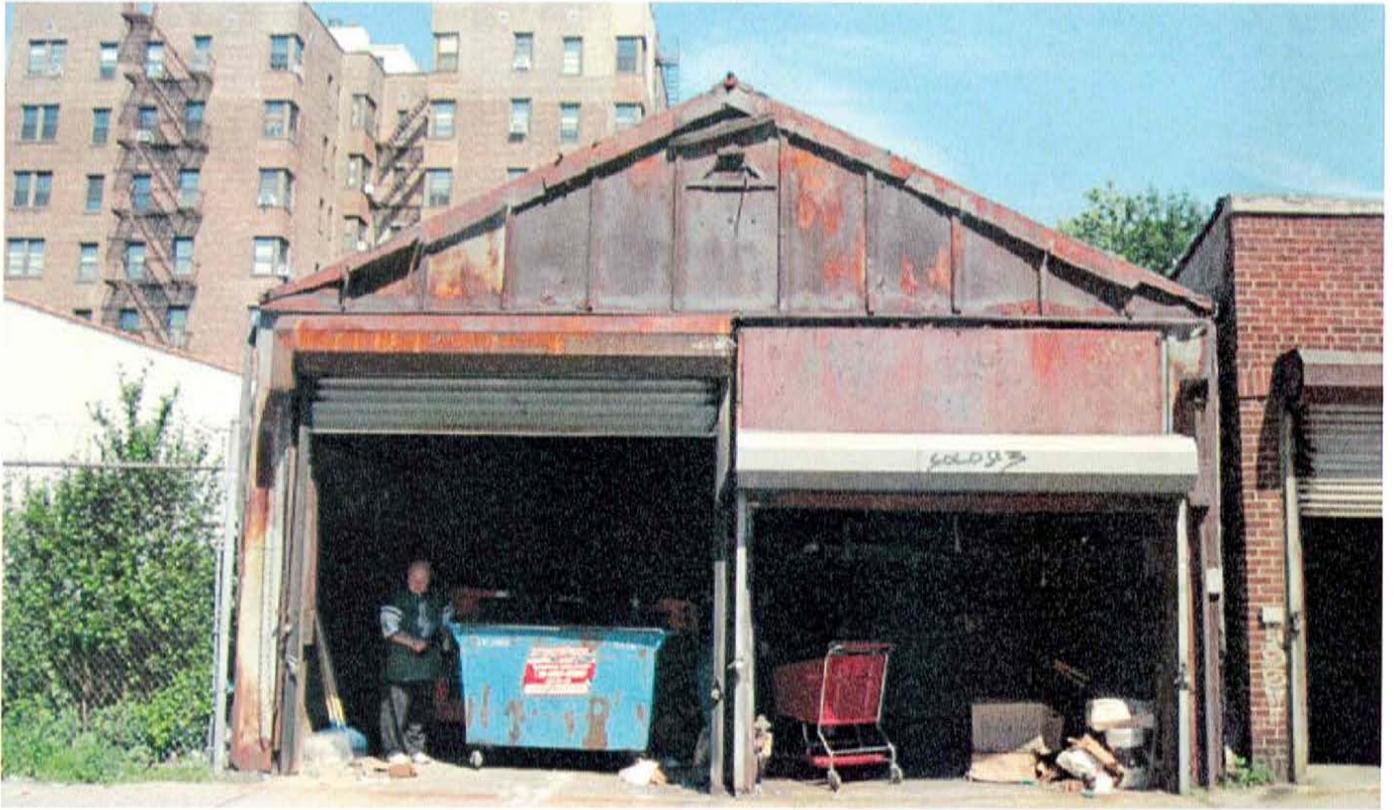
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3



4



5



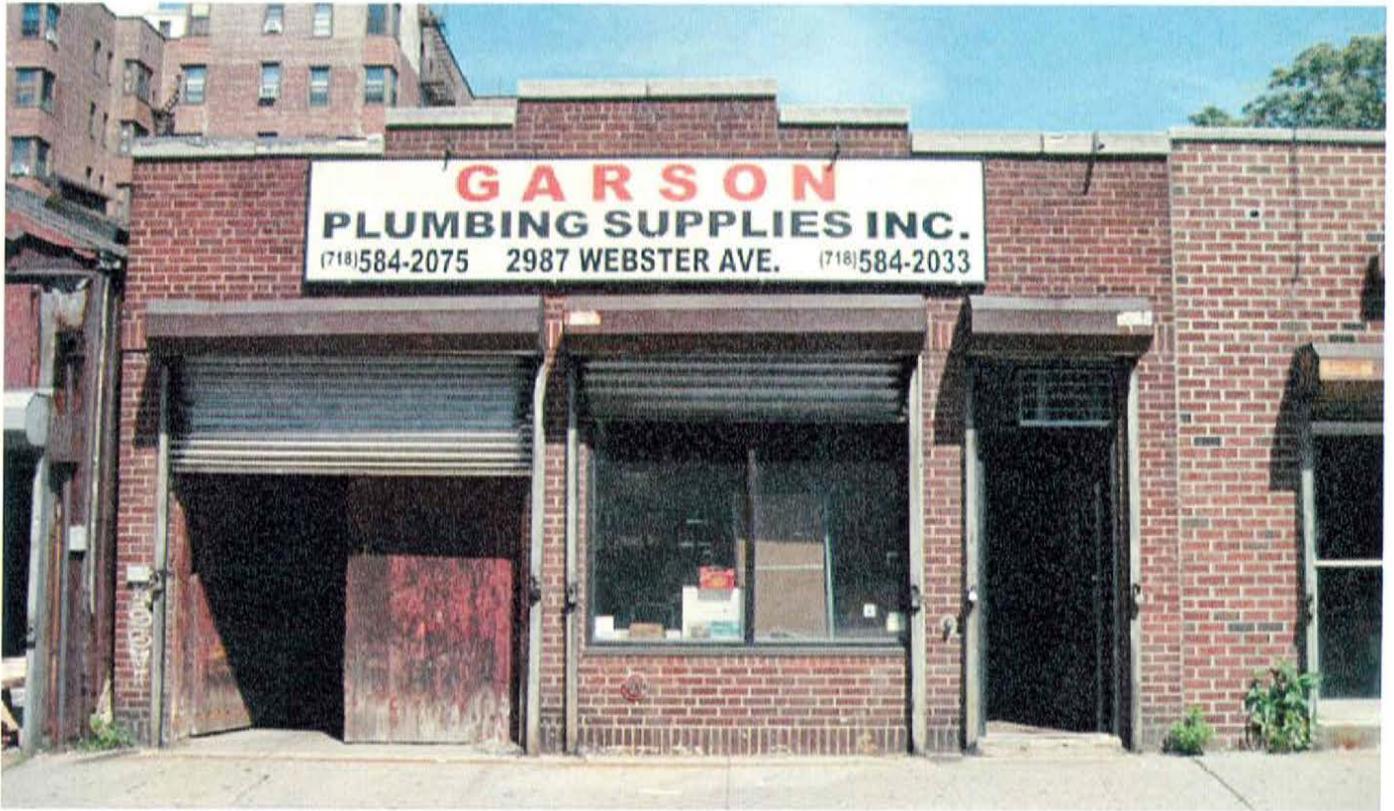
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7



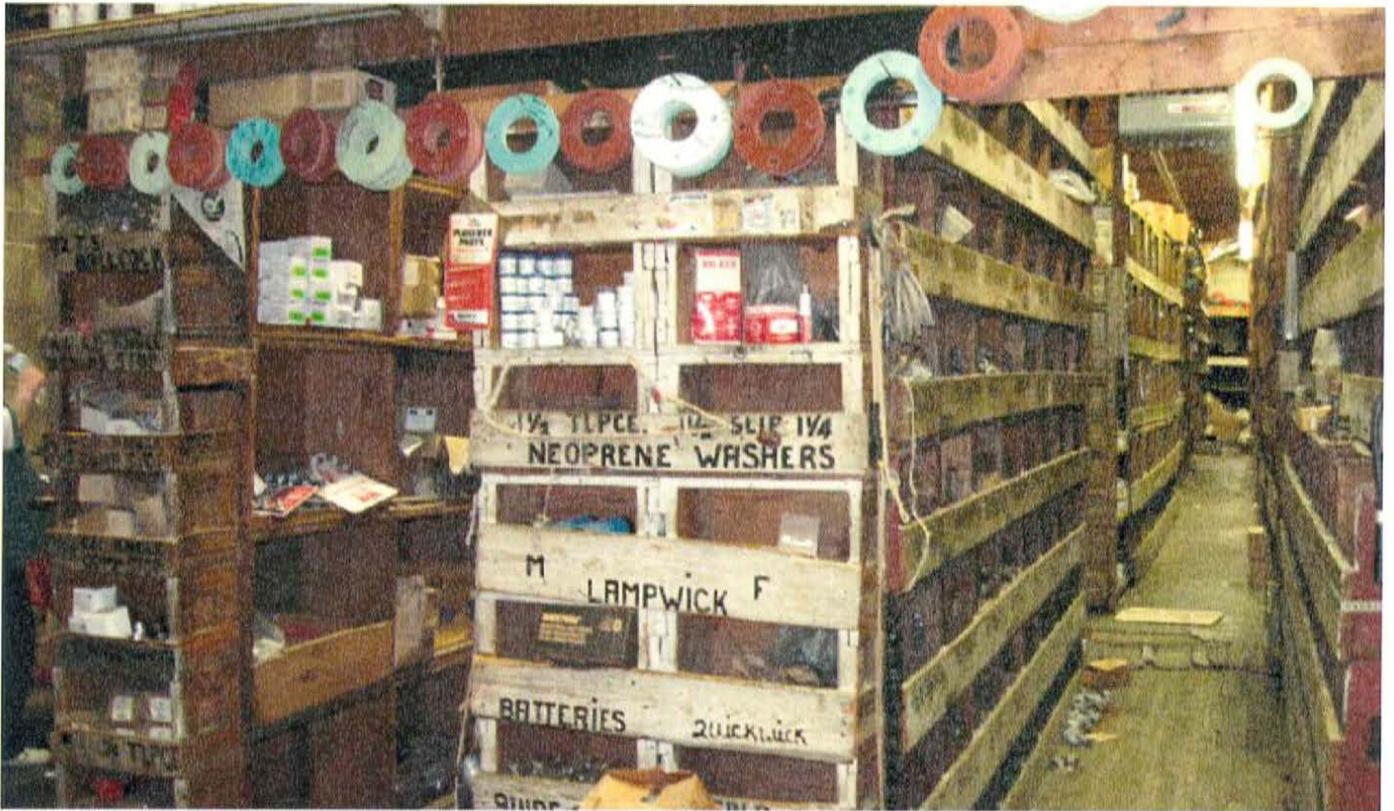
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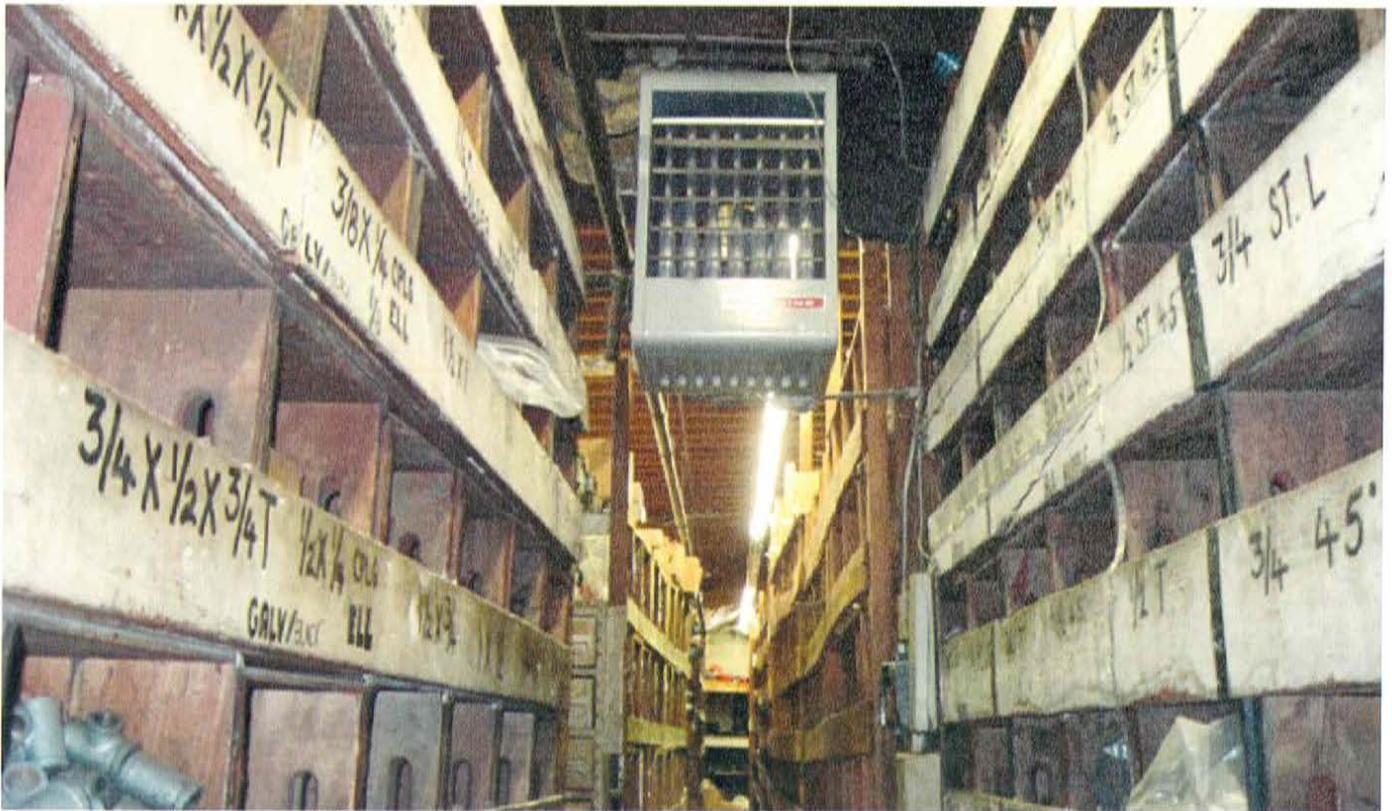
9



10



11



12



13



14



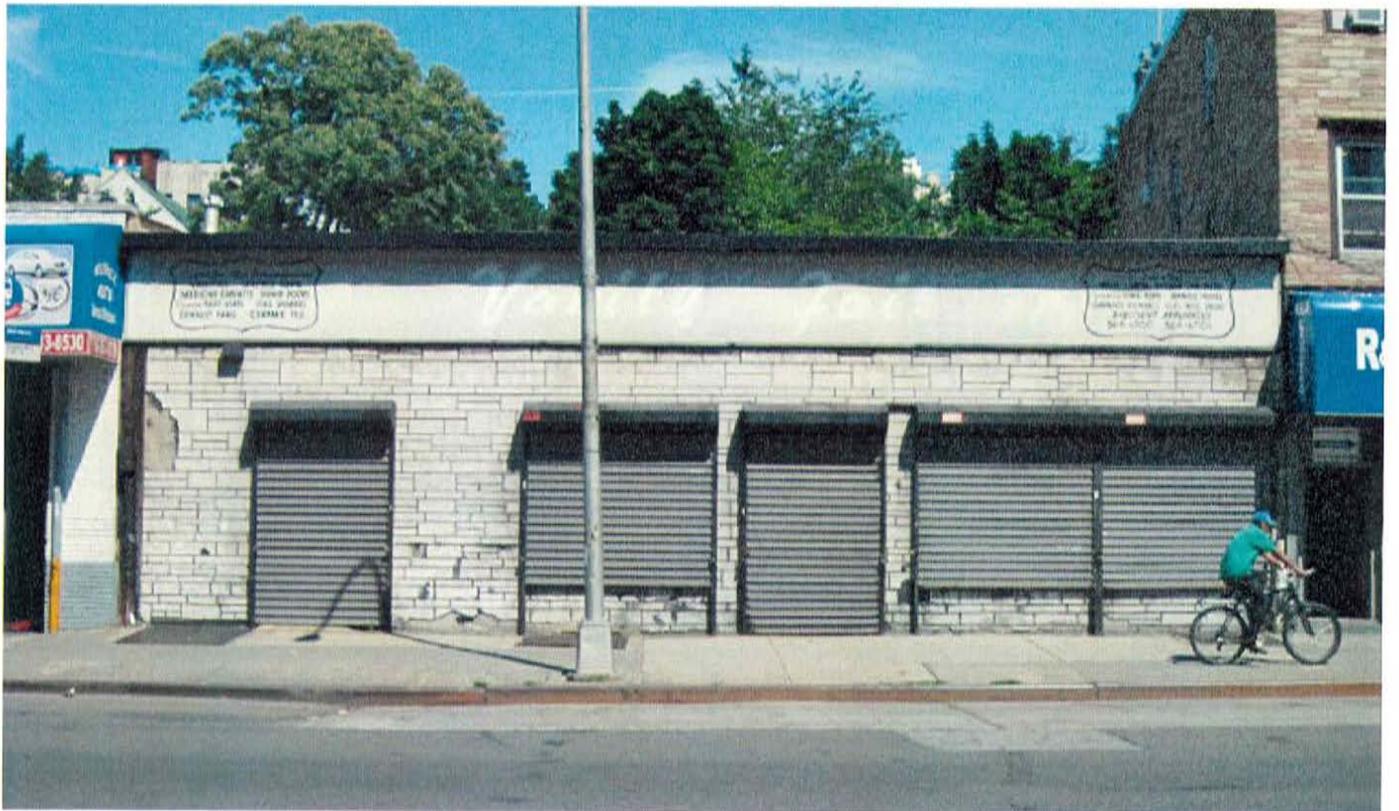
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16



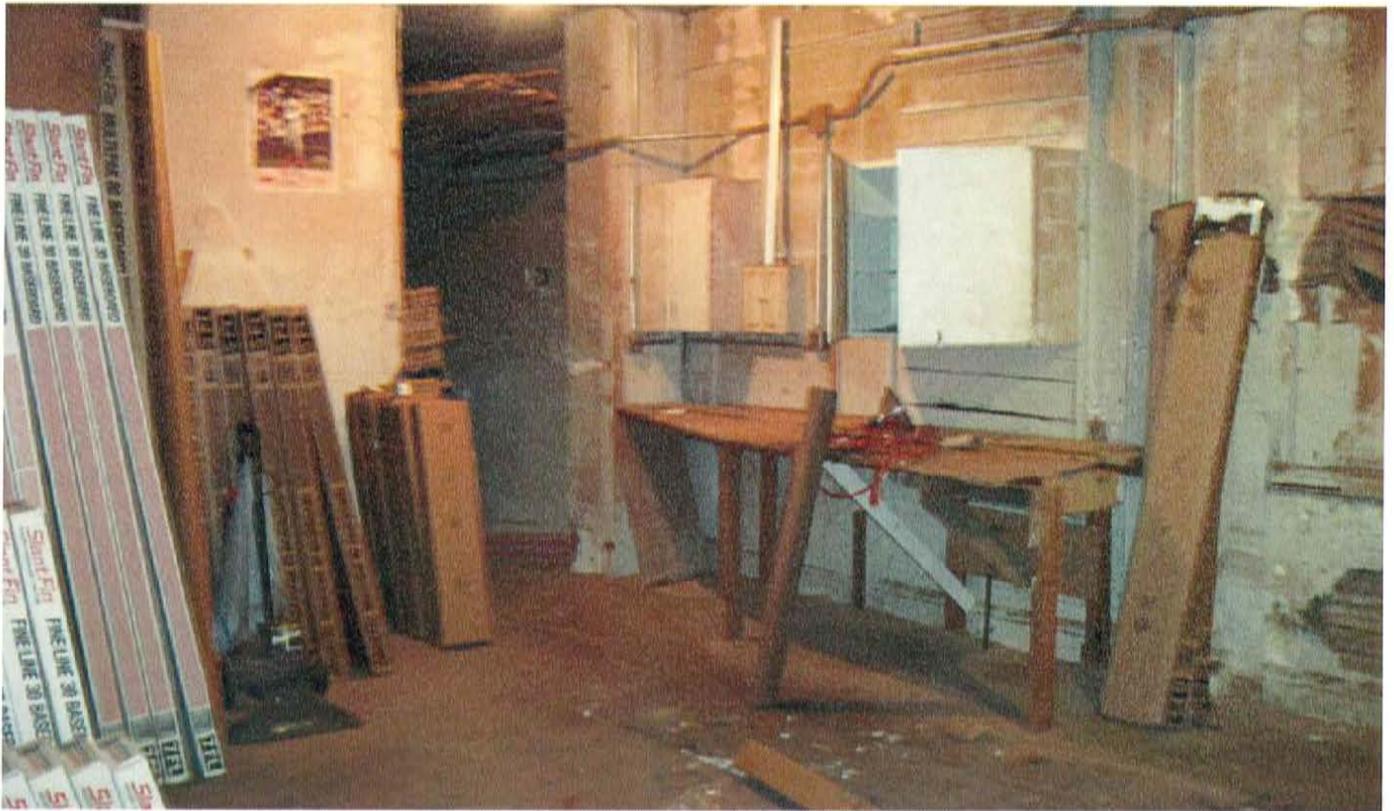
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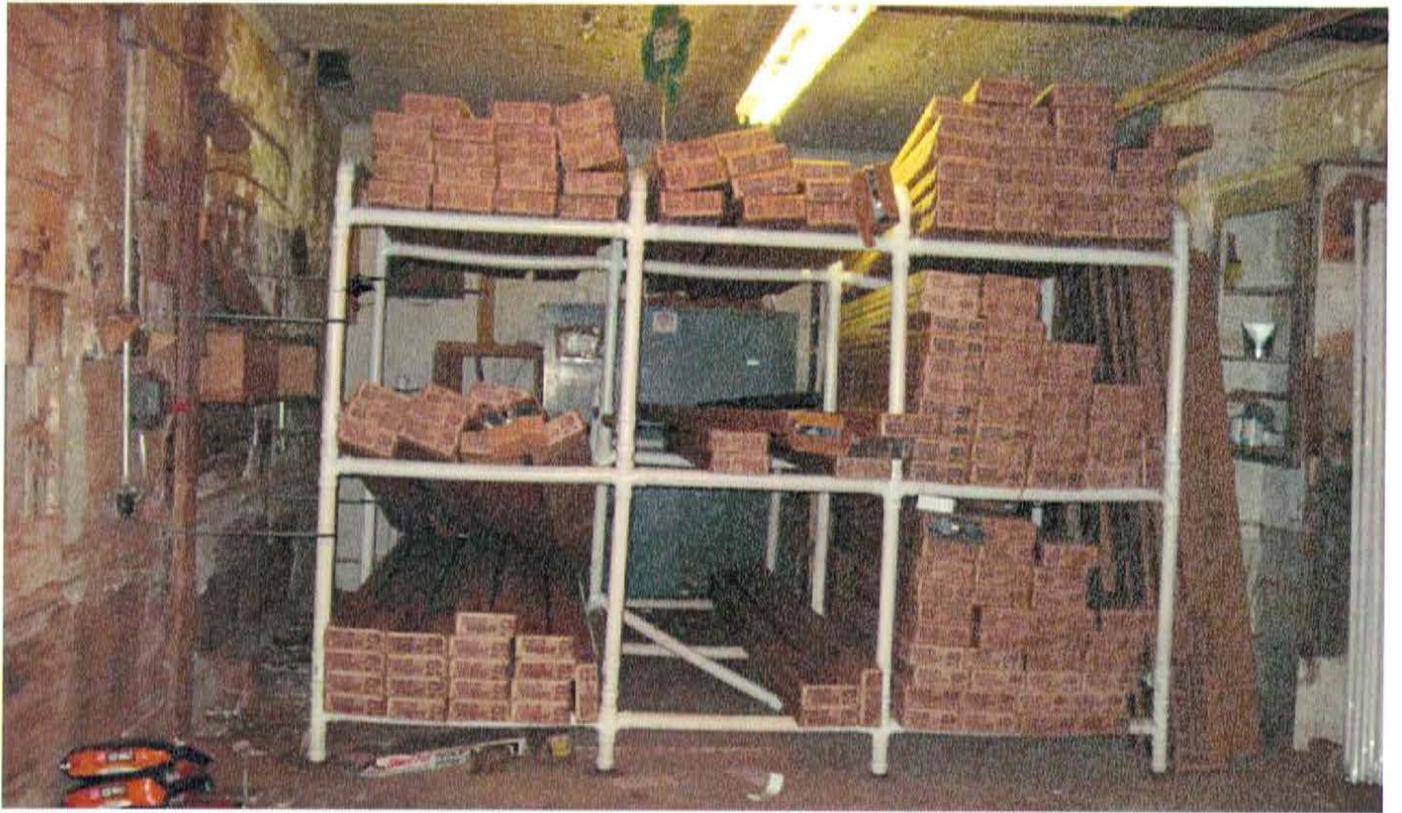
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19



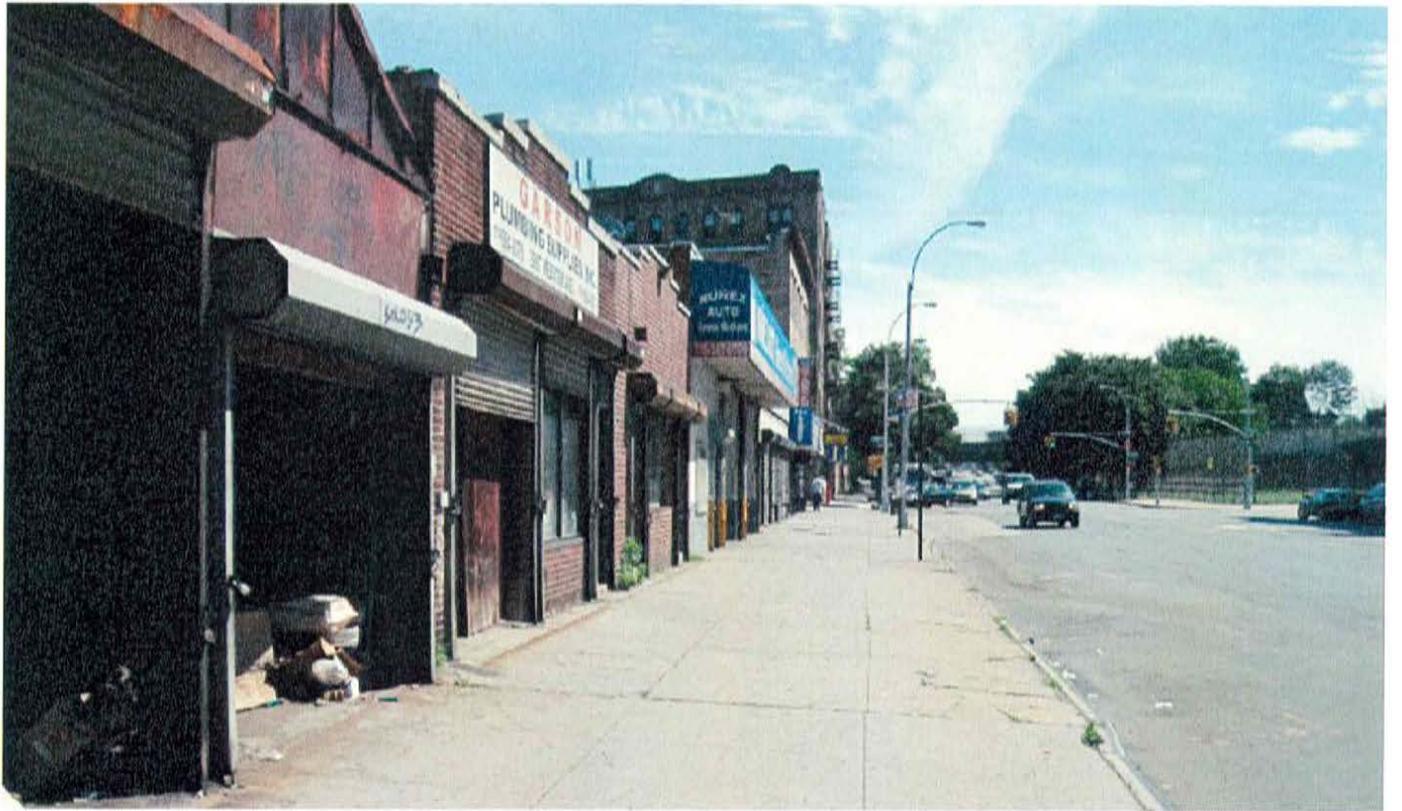
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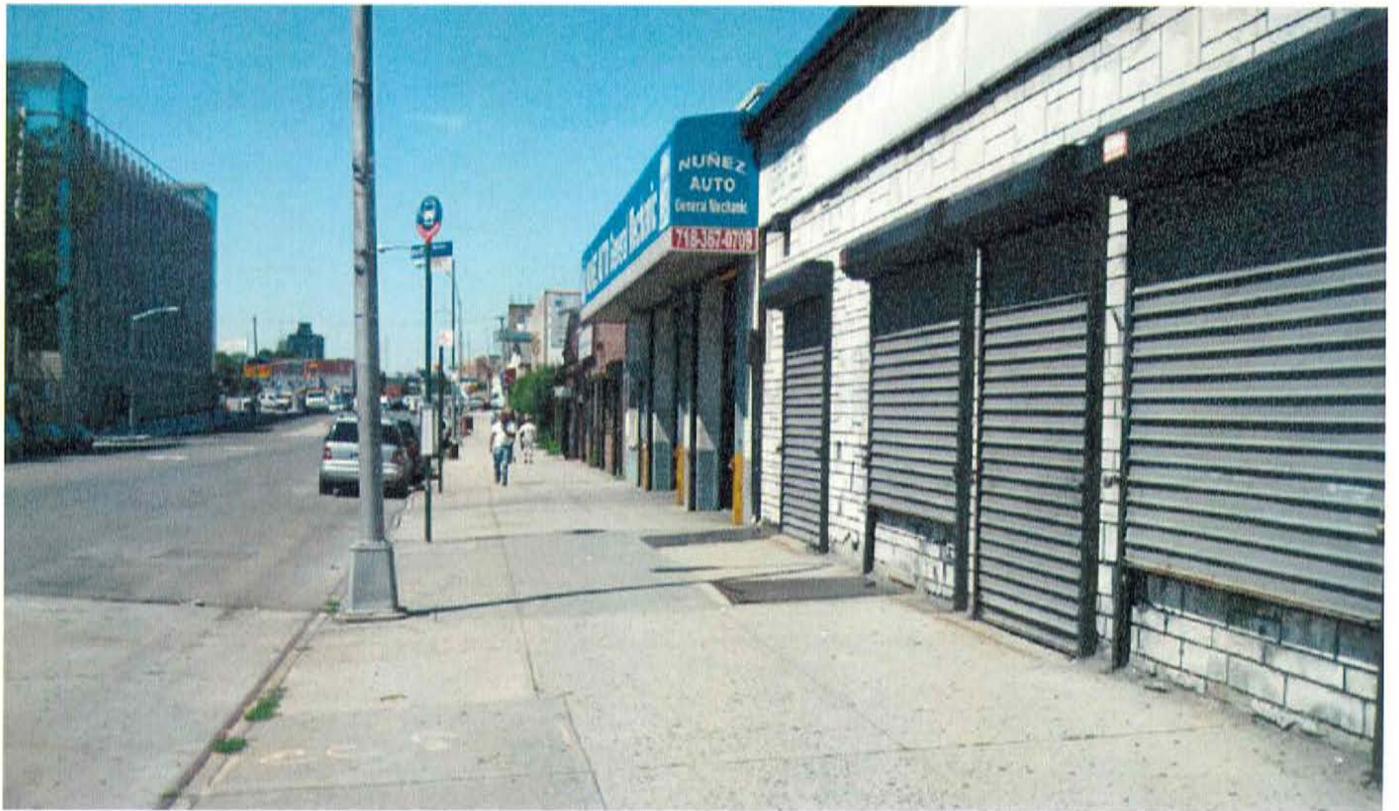
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22



23



24



25



26

# **ATTACHMENT B**

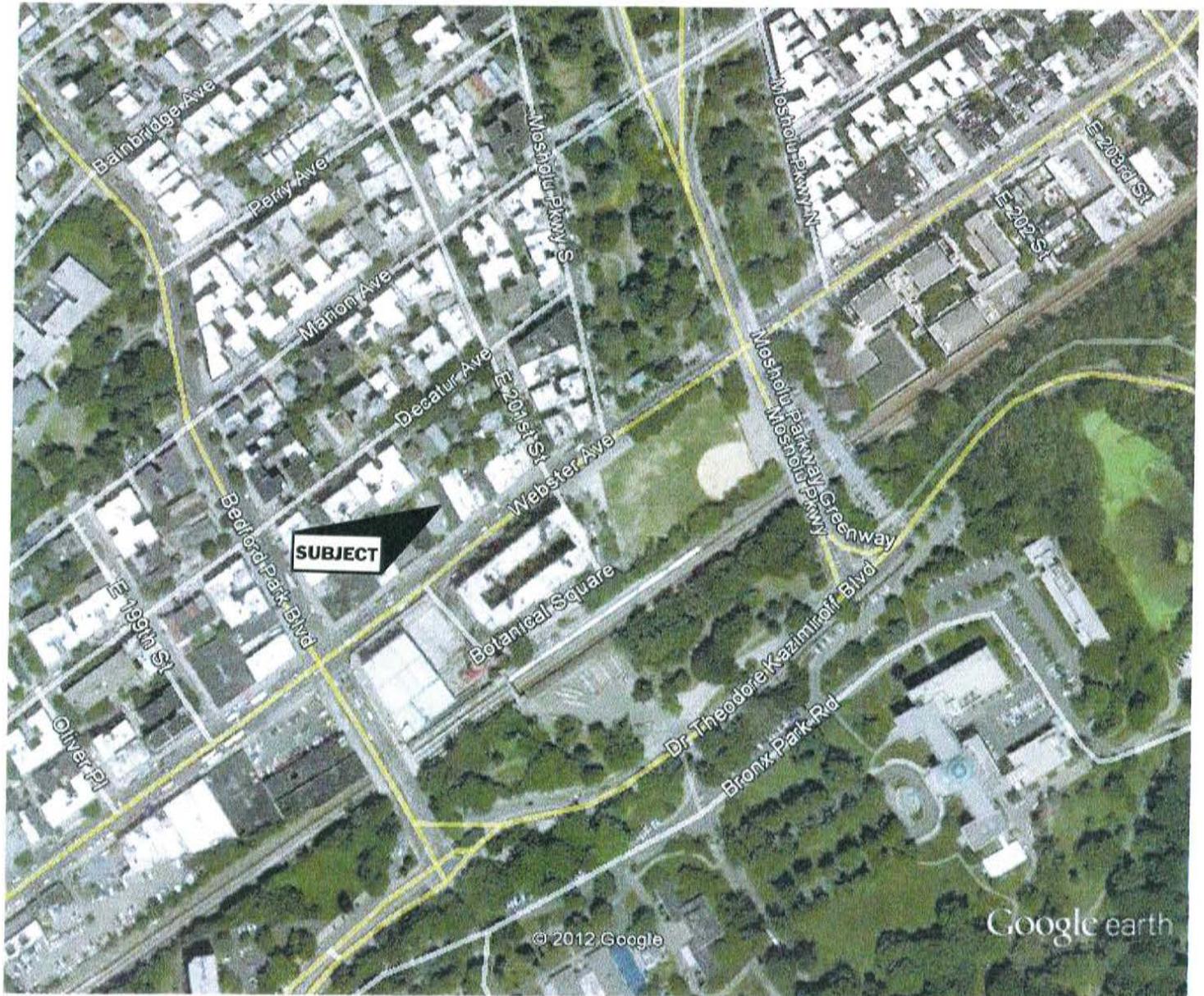
**AERIAL PHOTOGRAPHS**

AERIAL PHOTOGRAPH



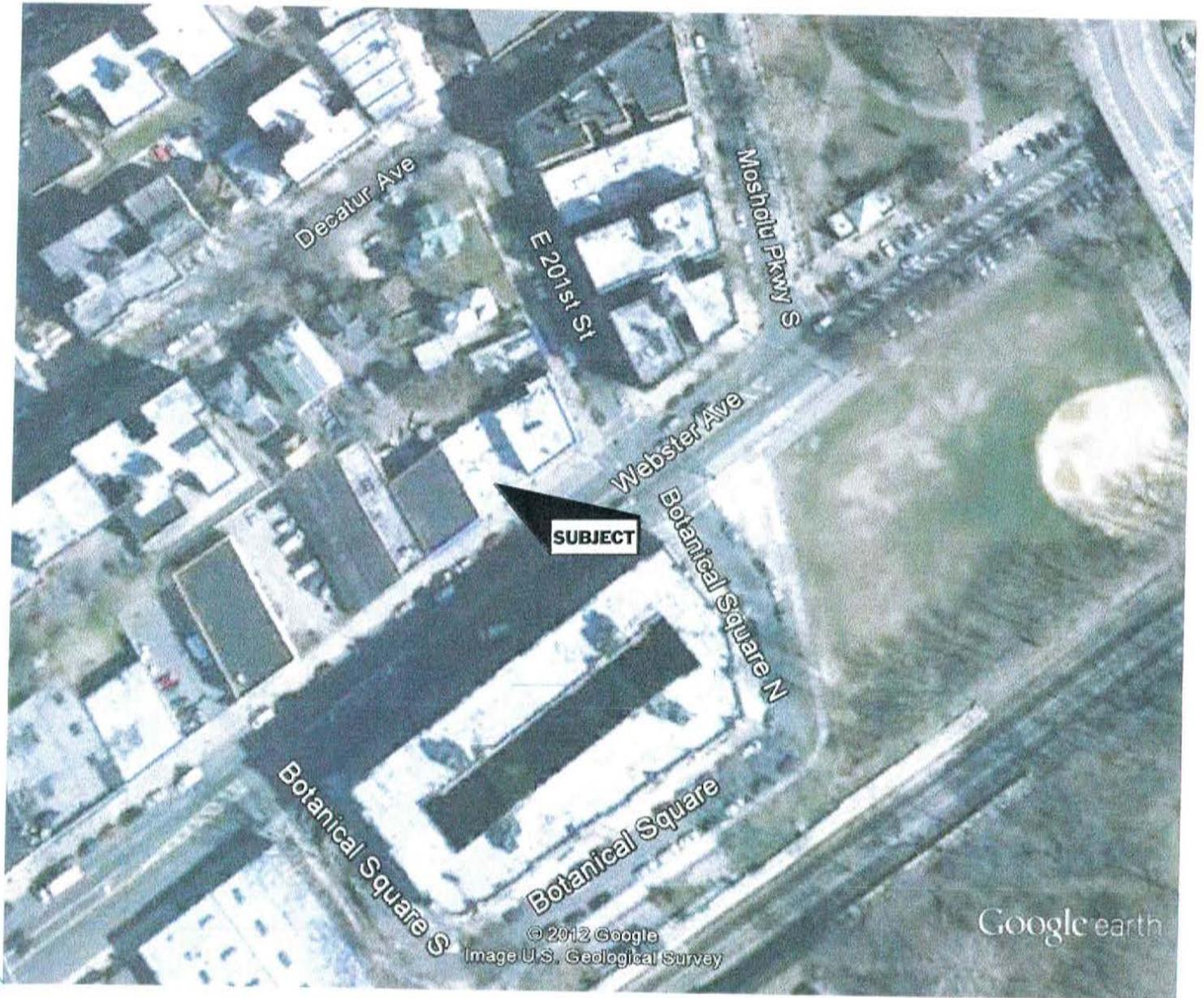
GOOGLE EARTH AERIAL PHOTOGRAPH  
BRONX, NEW YORK - JUNE 2011

# AERIAL PHOTOGRAPH



GOOGLE EARTH AERIAL PHOTOGRAPH  
BRONX, NEW YORK - JUNE 2011

**AERIAL PHOTOGRAPH**



**GOOGLE EARTH AERIAL PHOTOGRAPH  
BRONX, NEW YORK - APRIL 2008**

# AERIAL PHOTOGRAPH



GOOGLE EARTH AERIAL PHOTOGRAPH  
BRONX, NEW YORK - MARCH 2003

# AERIAL PHOTOGRAPH

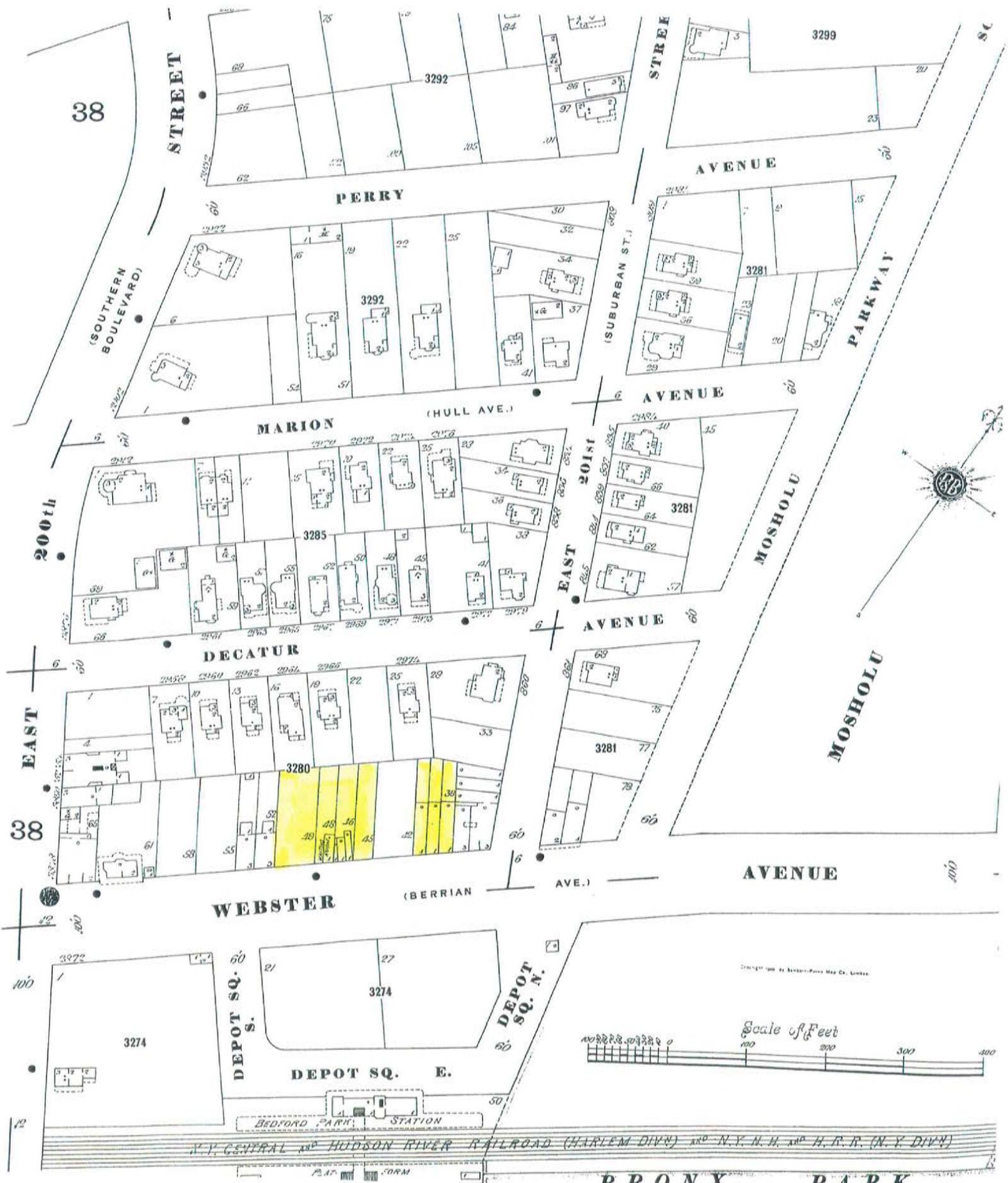


GOOGLE EARTH AERIAL PHOTOGRAPH  
BRONX, NEW YORK - MARCH 1995

# **ATTACHMENT C**

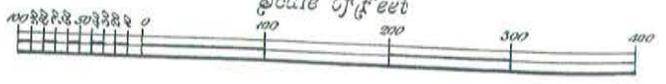
**SANBORN FIRE INSURANCE MAPS**

# 1900 SANBORN FIRE INSURANCE MAP



Copyright 1900 by Sanborn-Frank Map Co., London.

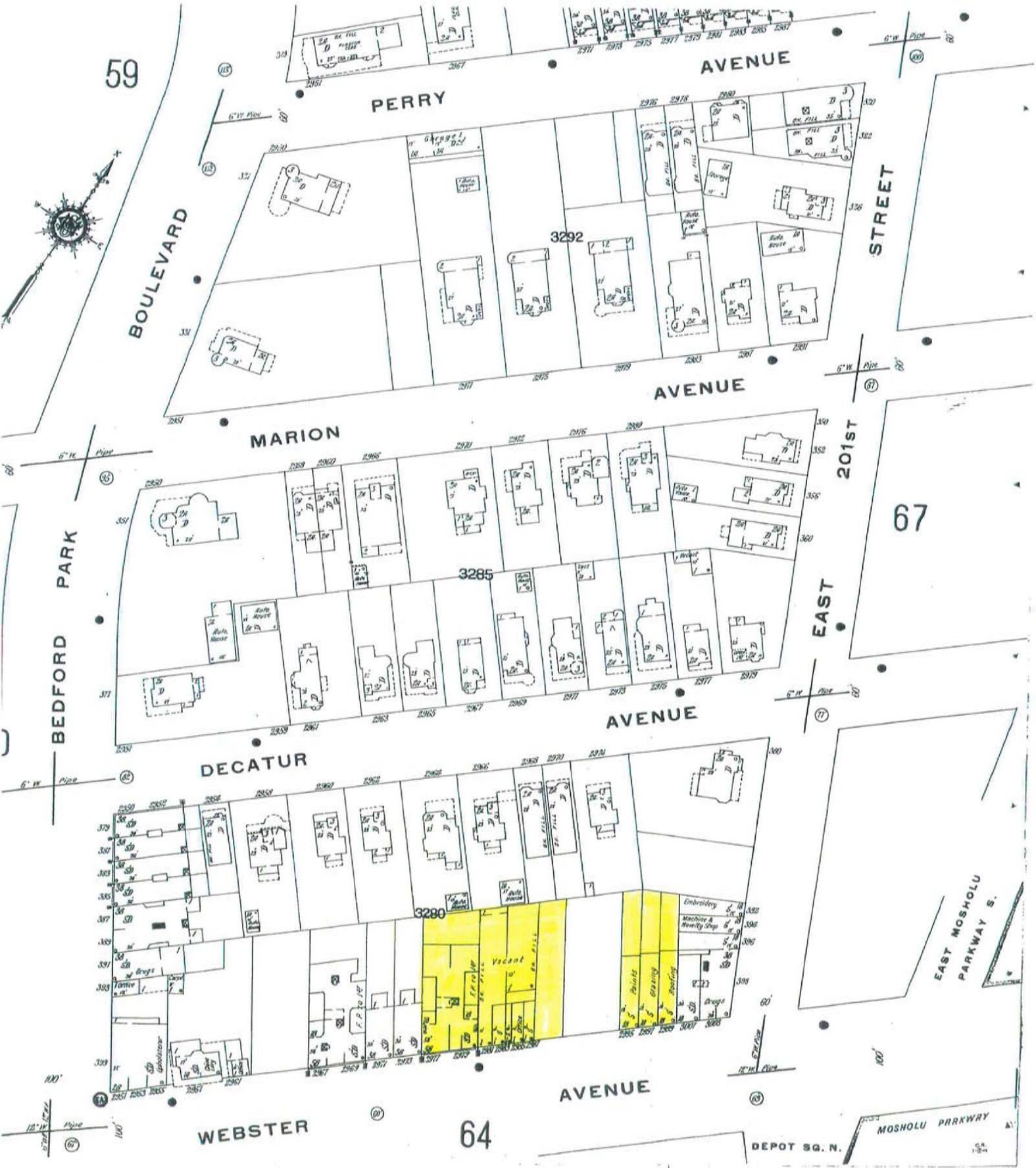
Scale of Feet



N.Y. CENTRAL AND HUDSON RIVER RAILROAD (HARLEM DIV.) AND N.Y. N.H. AND H.R.R. (N.Y. DIV.)

BRONX PARK

# 1914 SANBORN FIRE INSURANCE MAP



59

BOULEVARD

PERRY

AVENUE

STREET

3292

MARION

AVENUE

201ST

67

BEDFORD PARK

EAST

DECATUR

AVENUE

17

EAST MOSHOLU  
PARKWAY S.

WEBSTER

64

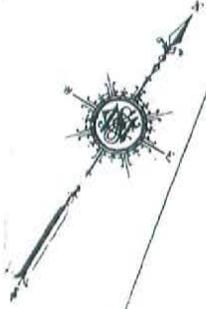
AVENUE

DEPOT SQ. N.

MOSHOLU PARKWAY

# 1946 SANBORN FIRE INSURANCE MAP

59



BOULEVARD

PERRY

AVENUE

STREET

AVENUE

MARION

201ST

67

EAST

BEDFORD PARK

AVENUE

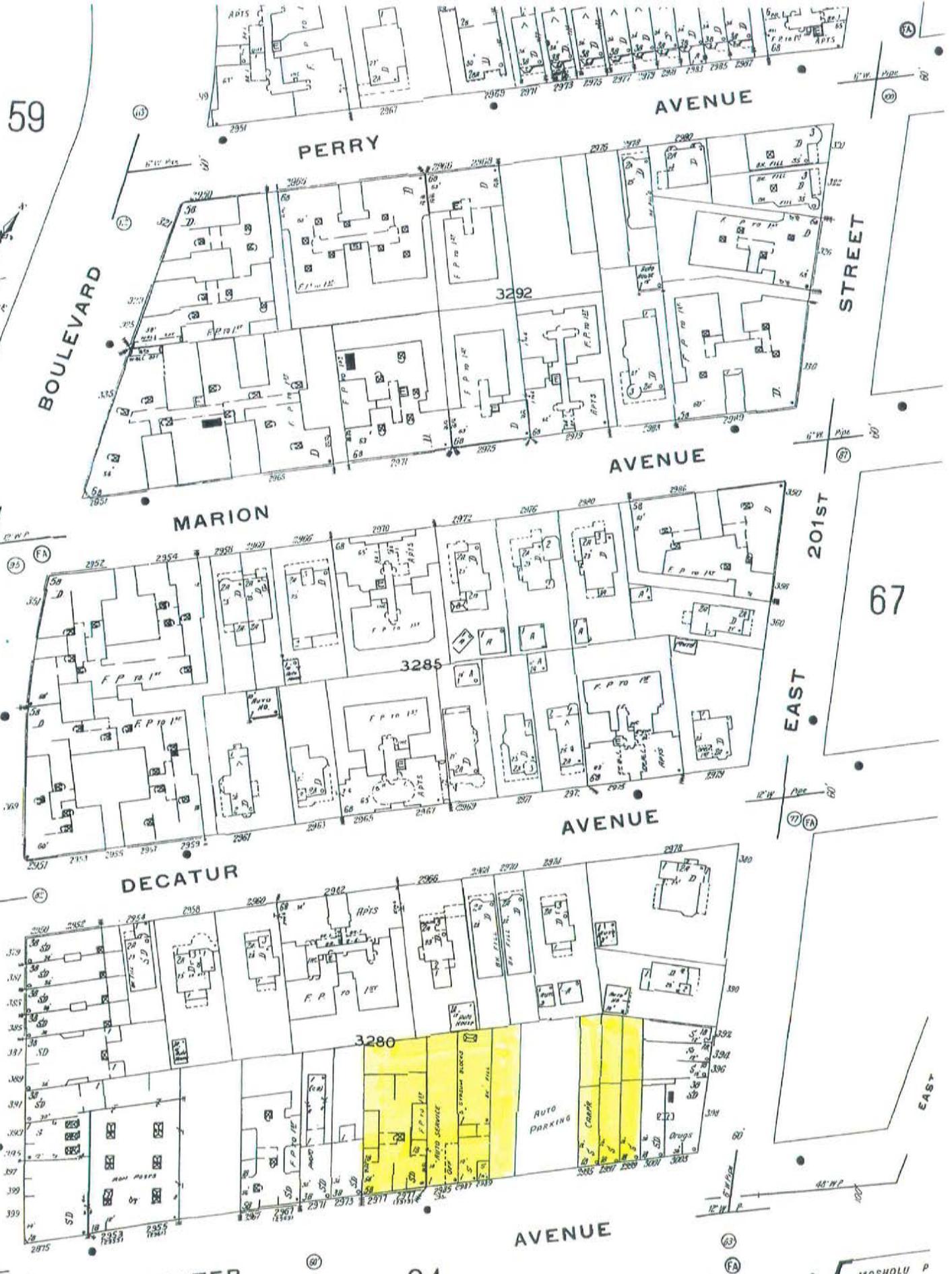
DECATUR

3280

AVENUE

EAST

AUTO PARKING



OSTER

CA

MOSHOLU P

# 1950 SANBORN FIRE INSURANCE MAP



1978 SANBORN FIRE INSURANCE MAP

59

PERRY

AVENUE

STREET

BOULEVARD

3292

MARION

AVENUE

201ST

67

EAST

BEDFORD PARK

3285

AVENUE

50

DECATUR

BOTANICAL ARMS

3280

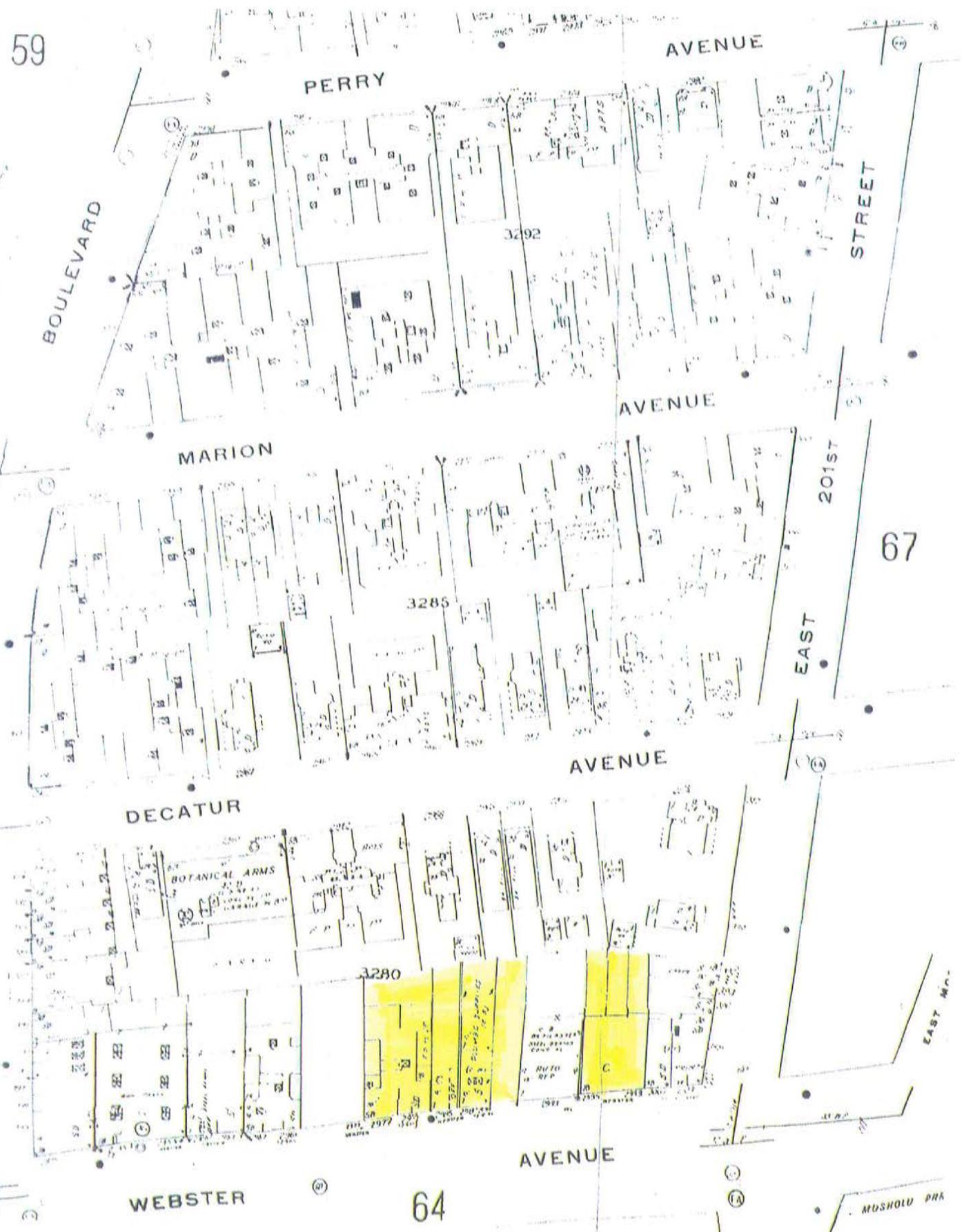
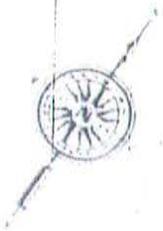
AVENUE

EAST MICHIGAN

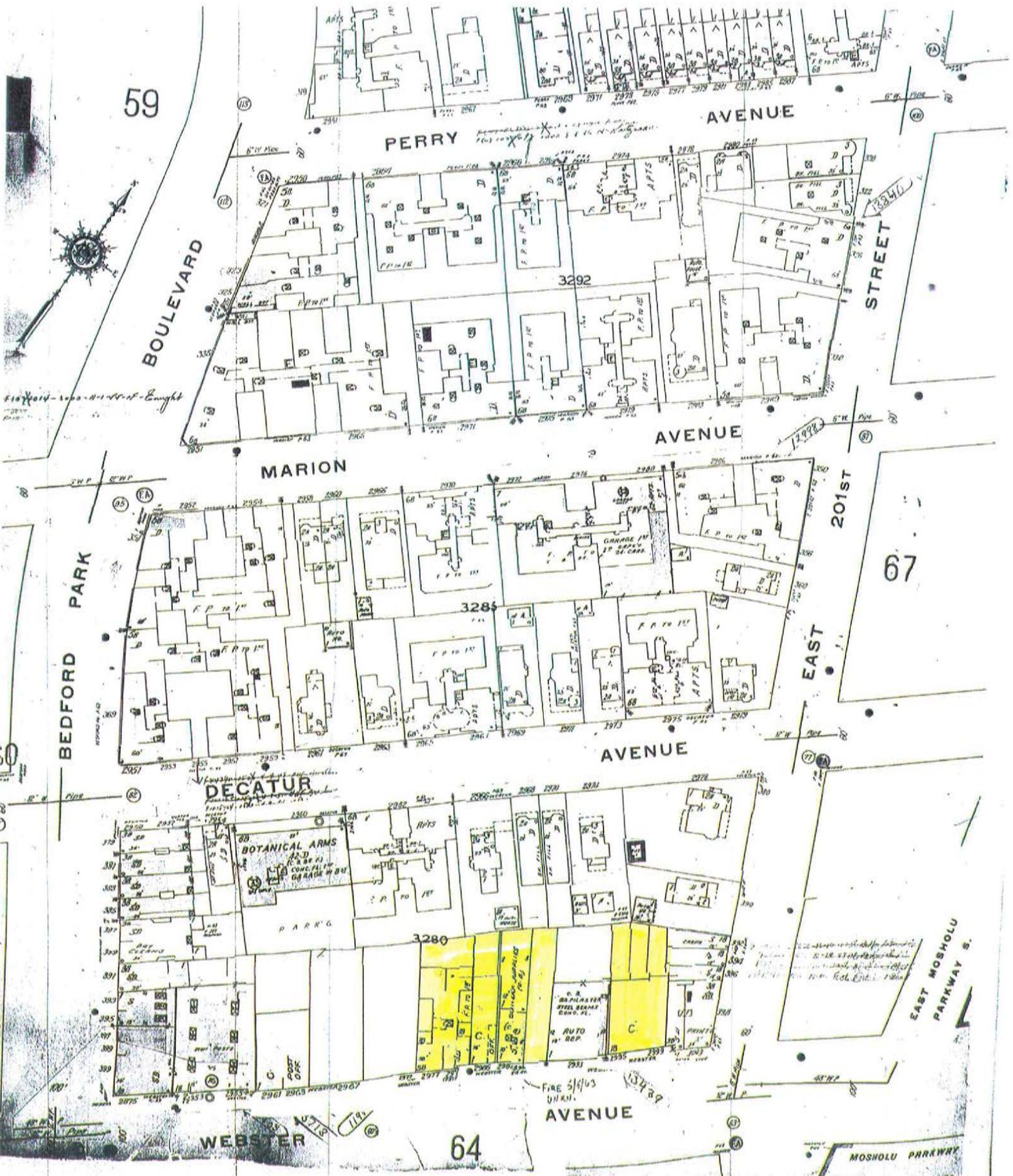
WEBSTER

64

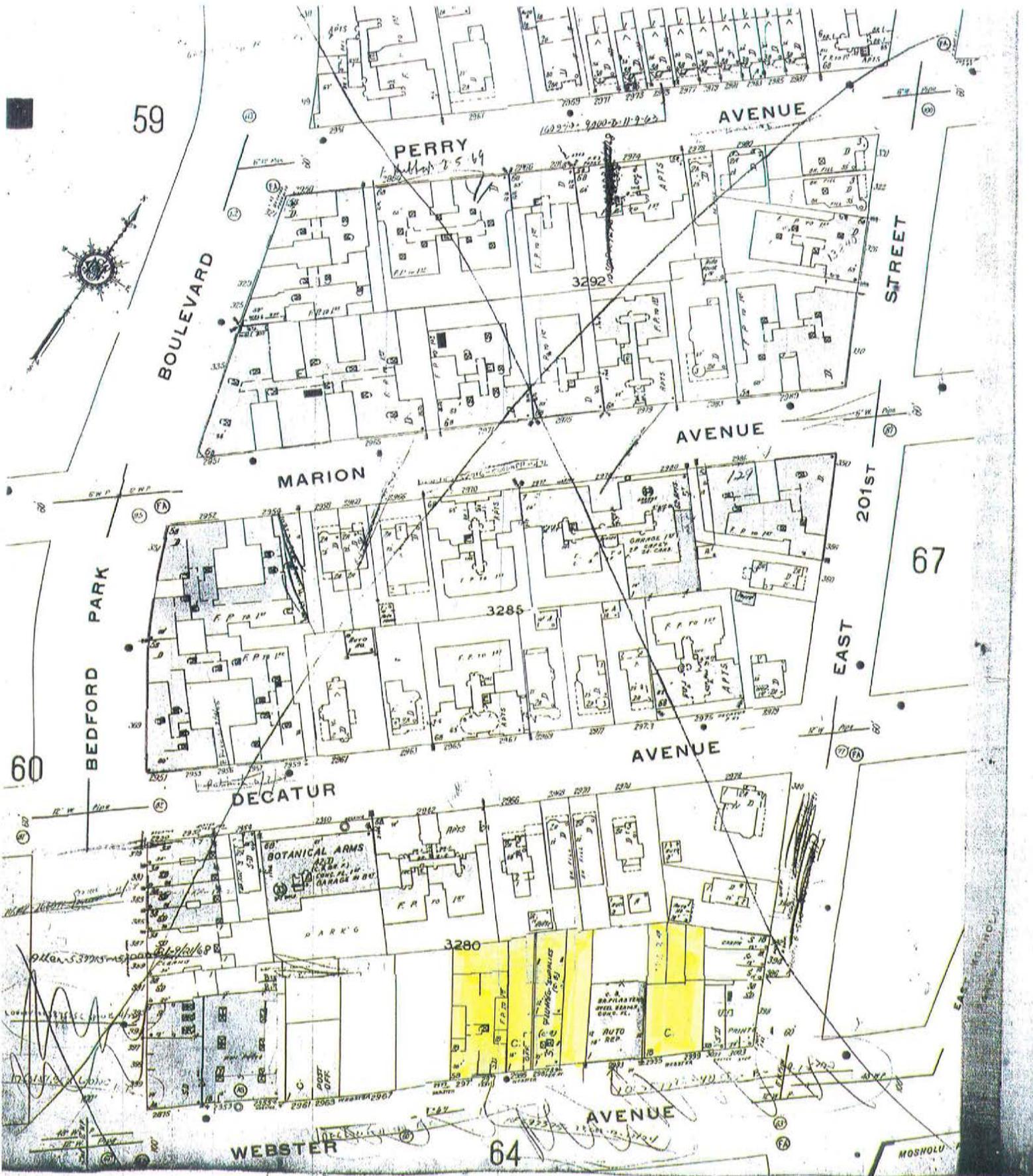
MUSHOLD PARK



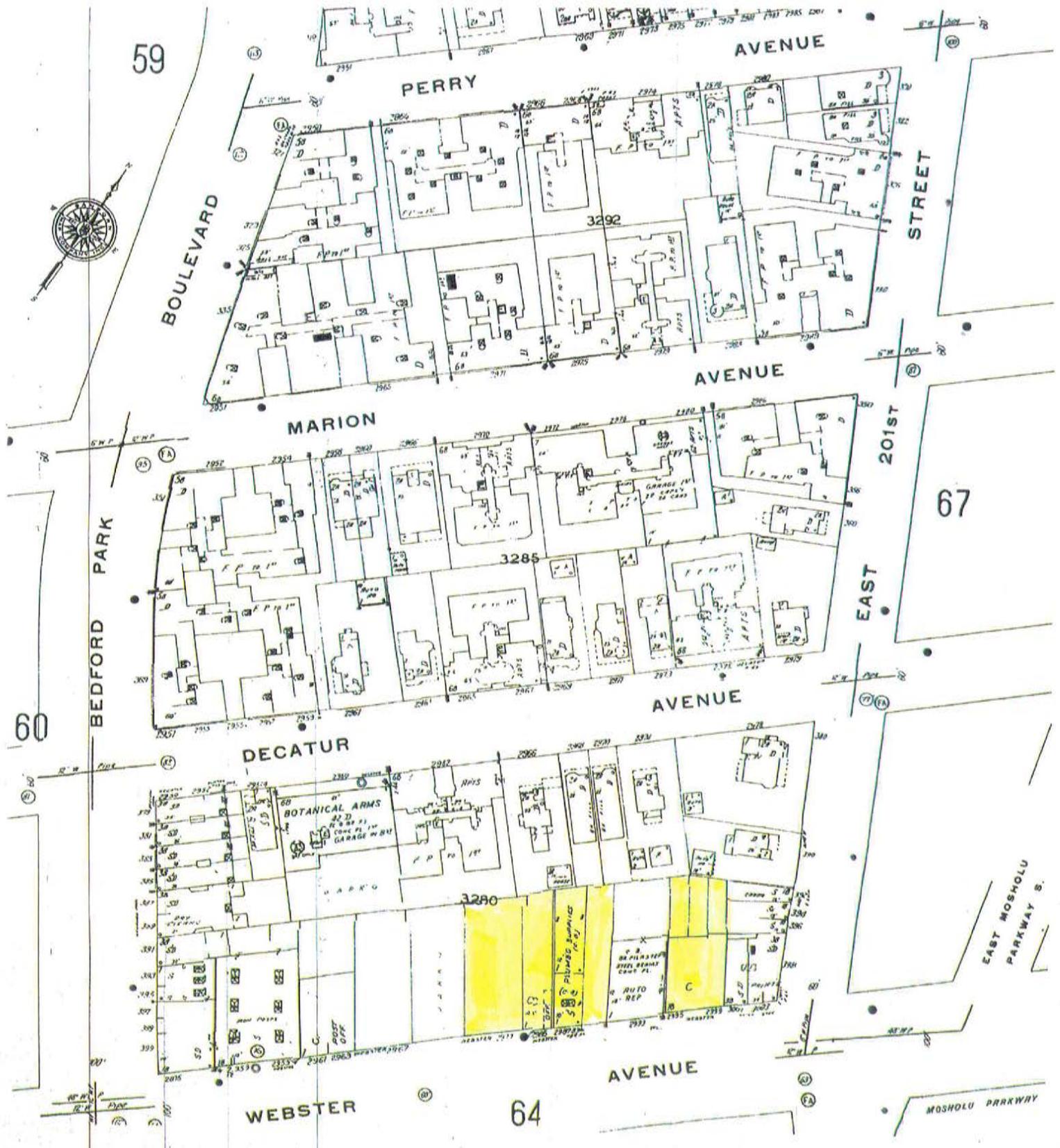
1980 SANBORN FIRE INSURANCE MAP



# 1981 SANBORN FIRE INSURANCE MAP



# 1984 SANBORN FIRE INSURANCE MAP



# 1986 SANBORN FIRE INSURANCE MAP



1989 SANBORN FIRE INSURANCE MAP



59

BOULEVARD

PERRY

AVENUE

STREET

3292

AVENUE

MARION

201ST

67

EAST

AVENUE

BEDFORD PARK

DECATUR

3280

WEBSTER

64

AVENUE

EAST MOSHOLU  
PARKWAY S.

MOSHOLU PARKWAY

# **ATTACHMENT D**

**PHASE I ESA INTERVIEW AND INFORMATION SOURCES**

## ATTACHMENT D

### PHASE I ESA INTERVIEW & INFORMATION SOURCES

#### TYLER'S BRONX TUNNEL, LLC

2977-2999 WEBSTER AVENUE, BRONX, NEW YORK

Information Source	Affiliation	Phone Number
Michael Froning	Stagg Group - Tyler's Bronx Tunnel, LLC	914-251-1374
Noah Garson	Garson Plumbing Supplies - Property Owner	917-656-2738
Michael Costello	Environmental FirstSearch Technology, Inc.	781-320-3720

# **ATTACHMENT E**

**EFSN FEDERAL & STATE DATABASE REPORT**

# *FirstSearch Technology Corporation*

## **Environmental FirstSearch™ Report**

Target Property:

**2977-2997 WEBSTER AVENUE**

**BRONX NY 10458**

Job Number: PHASE I

### **PREPARED FOR:**

TEAM ENVIRONMENTAL CONSULTANTS

30 INDUSTRIAL DRIVE

MIDDLETOWN, NEW YORK 10941

06-06-12



*Tel: (781) 551-0470*

*Fax: (781) 551-0471*

## *Environmental FirstSearch Search Summary Report*

**Target Site:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

### FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	05-09-12	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	05-09-12	0.25	0	0	0	-	-	0	0
CERCLIS	Y	04-30-12	0.50	0	0	0	0	-	0	0
NFRAP	Y	04-30-12	0.25	0	0	0	-	-	0	0
RCRA COR ACT	Y	03-13-12	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	03-13-12	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	03-13-12	0.25	0	1	1	-	-	1	3
Federal IC / EC	Y	05-01-12	0.25	0	0	0	-	-	0	0
ERNS	Y	04-13-12	0.15	0	2	0	-	-	1	3
Tribal Lands	Y	12-15-08	0.25	0	0	0	-	-	0	0
State/Tribal Sites	Y	04-05-12	0.25	0	0	0	-	-	0	0
State Spills 90	Y	01-10-12	0.25	0	16	25	-	-	16	57
State/Tribal SWL	Y	01-11-12	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	04-05-12	0.25	0	3	8	-	-	1	12
State/Tribal UST/AST	Y	04-05-12	0.12	1	25	-	-	-	0	26
State/Tribal EC	Y	04-05-12	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	04-05-12	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	04-05-12	0.25	0	0	0	-	-	0	0
State/Tribal Brownfields	Y	04-05-12	0.25	0	0	0	-	-	0	0
- TOTALS -				1	47	34	0	0	19	101

#### Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

#### Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch  
Site Information Report***

**Request Date:** 06-06-12  
**Requestor Name:** Marty Wodka  
**Standard:** ASTM-05

**Search Type:** COORD  
**Job Number:** PHASE I  
**Filtered Report**

**Target Site:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

*Demographics*

<b>Sites:</b> 101	<b>Non-Geocoded:</b> 19	<b>Population:</b> NA
<b>Radon:</b> OF THE 2 HOMES TESTED, THE AVG. PCI/L LEVEL WAS 1.3		

*Site Location*

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
<b>Longitude:</b>	-73.882569	-73:52:57	<b>Easting:</b>	594167.932
<b>Latitude:</b>	40.868255	40:52:6	<b>Northing:</b>	4524521.504
			<b>Zone:</b>	18

*Comment*

**Comment:**

*Additional Requests/Services*

**Adjacent ZIP Codes:** 0 Mile(s)

**Services:**

<u>ZIP</u>				
<u>Code</u>	<u>City Name</u>	<u>ST</u>	<u>Dist/Dir</u>	<u>Sel</u>

	<u>Requested?</u>	<u>Date</u>
Sanborns	Yes	06-06-12
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

## Environmental FirstSearch Sites Summary Report

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**TOTAL:** 101      **GEOCODED:** 82      **NON GEOCODED:** 19      **SELECTED:** 1

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
1	UST	NUNEZ AUTO INC. PBS2-610836/ACTIVE	2991 WEBSTER AVENUE BRONX NY 10458	0.00 --	1
2	SPILLS	2970 DECATER AVE 0609636/CLOSED	2970 DECATER AVE BRONX NY 10458	0.04 NW	3
3	SPILLS	MANHOLE 233 9911612/CLOSED	201ST ST AND WEBSTER AVE BRONX NY 10458	0.04 NE	4
4	UST	BEKIMI ASSOCIATES LLC PBS2-600855/ACTIVE	2975 DECATUR AVE. BRONX NY 10458	0.05 NW	5
5	UST	2960 DECATUR AVE PBS2-401021/ACTIVE	2960 DECATUR AVENUE BRONX NY 10458	0.05 NW	7
6	UST	2962 DECATUR AVE PBS2-270407/ACTIVE	2962 DECATUR AVE BRONX NY 10458	0.05 NW	9
7	UST	2965 DECATUR OWNERS INC. PBS2-605348/ACTIVE	2965 DECATUR AVENUE BRONX NY 10458	0.06 NW	11
8	SPILLS	ALAN CLEANERS 9613235/CLOSED	387 BEDFORD PK BLVD BRONX NY 10458	0.06 SW	13
8	RCRAGN	ALLEN CLEANERS NYD981079726/VGN	387 BEDFORD PARK BLVD BRONX NY 10458	0.06 SW	14
9	UST	2985 BOTANICAL LLC PBS2-070017/ACTIVE	2985 BOTANICAL SQUARE BRONX NY 10458	0.06 SE	16
10	UST	400 EAST MOSHOLU PARKWAY SOUTH PBS2-607429/ACTIVE	400 EAST MOSHOLU PARKWAY SO BRONX NY 10458	0.06 NE	18
11	UST	3006 DECATUR AVE PBS2-090034/ACTIVE	3006 DECATUR AVE BRONX NY 10458	0.07 NE	21
12	UST	2953 DECATUR AVE PBS2-330841/ACTIVE	2953-57 DECATUR AVENUE BRONX NY 10458	0.07 NW	23
<b>12</b>	<b>SPILLS</b>	<b>2953 DECATUR AVENUE 9512956/CLOSED</b>	<b>2953 DECATUR AVENUE BRONX NY 10458</b>	<b>0.07 NW</b>	<b>25</b>
13	UST	2995 BOTANICAL SQ PBS2-070025/ACTIVE	2995 BOTANICAL SQUARE BRONX NY 10458	0.07 SE	26
14	SPILLS	EXXON S/S 9103647/CLOSED	409 BEDFORD PARK BLVD BRONX NY 10458	0.08 SW	29
14	LUST	EXXON S/S 9103647/CLOSED	409 BEDFORD PARK BLVD BRONX NY 10458	0.08 SW	30
14	UST	BEDFORD PARK EXXON 3-7859 PBS2-188972/UNREGULATED	409 EAST 200TH STREET BRONX NY 10458	0.08 SW	31
14	SPILLS	EXXON S/S 9406071/CLOSED	409 BEDFORD PARK AVENUE BRONX NY 10458	0.08 SW	34
14	SPILLS	EXXON S/S 9310656/CLOSED	409 BEDFORD PARK BLVD BRONX NY 10458	0.08 SW	35
14	LUST	EXXON S/S 9310656/CLOSED	409 BEDFORD PARK BLVD BRONX NY 10458	0.08 SW	36

## *Environmental FirstSearch Sites Summary Report*

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**TOTAL:** 101      **GEOCODED:** 82      **NON GEOCODED:** 19      **SELECTED:** 1

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
15	ERNS	MOSHOLU PARKWAY STATION NRC-550237/RAILROAD NON-RELEASE	BRONX NY 10458	0.08 SE	37
16	UST	367 EAST 201ST STREET PBS2-605150/ACTIVE	367 EAST 201ST STREET BRONX NY 10458	0.08 NE	40
17	UST	2986 MARION LLC PBS2-280771/ACTIVE	2986 MARION AVENUE BRONX NY 10458	0.09 NW	42
17	SPILLS	PMNG MANAGEMENT (APT BLDG 9710981/CLOSED	2986 MARION AVE BRONX NY 10458	0.09 NW	44
17	SPILLS	STREET 0807351/CLOSED	2986 MARION AVE BRONX NY 10458	0.09 NW	45
18	SPILLS	212338; BEDFORD PARK BLVD and WEBS 0814263/CLOSED	BEDFORD PARK BLVD and WEBST BRONX NY 10458	0.09 SW	47
18	SPILLS	OPEN TRENCH 1009665/CLOSED	WEBSTER AVE AND BEDFORD PAR BRONX NY 10458	0.09 SW	48
18	SPILLS	NYC TRANSIT BUS 0705210/CLOSED	WEBSTER AVEand BEDFORD PK BRONX NY 10458	0.09 SW	49
19	UST	2970 MARION AVE LLC PBS2-315524/ACTIVE	2970 MARION AVE BRONX NY 10458	0.09 NW	50
20	UST	2976 MARION, LLC. PBS2-276928/ACTIVE	2976 MARION AVE BRONX NY 10458	0.09 NW	52
21	UST	2971 MARION REALTY CO PBS2-321818/ACTIVE	2971 MARION AVENUE BRONX NY 10458	0.10 NW	54
22	UST	2961-65 MARION, LLC PBS2-216135/ACTIVE	2961 MARION AVENUE BRONX NY 10458	0.10 NW	56
23	UST	2952 MARION AVE OWNER LLC PBS2-200778/ACTIVE	2952 MARION AVENUE BRONX NY 10458	0.10 NW	58
23	SPILLS	2952 MARION AVE 9104289/CLOSED	2952 MARION AVE BRONX NY 10458	0.10 NW	60
23	ERNS	PARK AVE ASSOCIATES 603357/FIXED FACILITY	2952 MARION AVENUE BRONX NY 10458	0.10 NW	61
23	LUST	2952 MARION AVE 9104289/CLOSED	2952 MARION AVE BRONX NY 10458	0.10 NW	62
24	SPILLS	INFO 9810960/CLOSED	2954 MARION ST BRONX NY 10458	0.10 NW	63
25	UST	ROCKFORD ASSOCIATES, LLC PBS2-374849/ACTIVE	357 E 201ST ST BRONX NY 10458	0.10 NE	64
26	UST	2975 MARION AVE PBS2-235121/ACTIVE	2975 MARION AVE BRONX NY 10458	0.11 NW	66
27	SPILLS	RESIDENCE 9810970/CLOSED	E 201 ST and MARION AVE BRONX NY 10458	0.11 NW	68

## Environmental FirstSearch Sites Summary Report

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**TOTAL:** 101      **GEOCODED:** 82      **NON GEOCODED:** 19      **SELECTED:** 1

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
28	UST	2979 MARION AVE OWNER LLC PBS2-329789/ACTIVE	2979 MARION AVENUE BRONX NY 10458	0.11 NW	69
29	SPILLS	MANHOLE 18945 9914220/CLOSED	BEDFORD PK BL and MARION AV BRONX NY 10458	0.12 NW	71
30	UST	2989 MARION AVE PBS2-094625/ACTIVE	2989 MARION AVE BRONX NY 10458	0.12 NW	72
30	UST	KIVA REALTY CO INC PBS2-242837/ACTIVE	1404 NOBLE AVENUE BRONX NY 10458	0.12 NW	74
31	UST	2860 DECARTUR CORP. PBS2-213292/ACTIVE	2860 DECATUR AVE BRONX NY 10458	0.12 SW	76
32	UST	MOSHOLU PARTNERS LLC PBS2-311480/ACTIVE	366 E MOSHOLU PARKWAY S BRONX NY 10458	0.12 NE	78
33	UST	321 BEDFORD BLVD., LLC. PBS2-327905/ACTIVE	321-23 BEDOFRD PARK BLVD. BRONX NY 10458	0.12 NW	80
34	RCRAGN	NYCDOT BRIDGE BIN 2241840 NYR000128843/VGN	BEDFORD PARK BLVD BRG OVER BRONX NY 10458	0.14 SW	82
35	SPILLS	MANHOLE 23693 9908056/CLOSED	WEBSTER AV / MOSHU PKWY BRONX NY 10467	0.14 NE	83
36	SPILLS	STREET 1108863/CLOSED	199TH ST BETWEEN MARION ST BRONX NY 10458	0.15 SW	84
37	SPILLS	9900067/CLOSED	EDFORD BLVD?/SOUTHERN BLV BRONX NY 10458	0.16 SE	85
37	SPILLS	BOTANICAL GARDENS 0510495/CLOSED	BEDFORD PARK/SOUTHERN BL BRONX NY 10458	0.16 SE	86
38	SPILLS	HARLEM LINE TRACK 2 0011291/CLOSED	BOTANICAL GARDENS MP 10 BRONX NY 10467	0.16 NE	87
39	LUST	52 PRECINCT NYPD -DDC 9507558/CLOSED	3016 WEBSTER AVENUE BRONX NY 10467	0.17 NE	88
39	SPILLS	52 PRECINCT NYPD -DDC 9412990/CLOSED	3016 WEBSTER AVENUE BRONX NY 10467	0.17 NE	89
39	SPILLS	3016 WEBSTER AVE 9211233/CLOSED	POLICE STATION BRONX NY 10467	0.17 NE	91
39	LUST	52 PRECINCT NYPD -DDC 9412990/CLOSED	3016 WEBSTER AVENUE BRONX NY 10467	0.17 NE	92
39	SPILLS	52 PRECINCT NYPD -DDC 9507558/CLOSED	3016 WEBSTER AVENUE BRONX NY 10467	0.17 NE	94
40	SPILLS	APARTMENT BUILDING 1010470/CLOSED	314 EAST 201 STREET BRONX NY 10458	0.17 NW	95
41	SPILLS	APARTMENT 0413604/CLOSED	340 MOSHOLU PARKWAY BRONX NY 10458	0.17 NE	98

## *Environmental FirstSearch Sites Summary Report*

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**TOTAL:** 101      **GEOCODED:** 82      **NON GEOCODED:** 19      **SELECTED:** 1

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
41	LUST	APARTMENT 0413604/CLOSED	340 MOSHOLU PARKWAY BRONX NY 10458	0.17 NE	100
42	SPILLS	IPO BUILDING 0012033/CLOSED	311 BEDFORD PARK BLV BRONX NY 10458	0.18 NW	102
43	LUST	NY BOTANICAL GARDENS BGD -DDC 8905547/CLOSED	200 STREET and SOUTHERN BOU BRONX NY 10458	0.19 SE	103
44	LUST	NY BOTANICAL GARDENS BGD -DDC 8801664/CLOSED	200 STREET and SOUTHERN BOU BRONX NY 10458	0.19 SE	104
45	SPILLS	398 OLIVER PLACE 9612689/CLOSED	398 OLIVER PLACE BRONX NY 10458	0.19 SW	105
46	SPILLS	MANHOLE 1418 0010377/CLOSED	BAINBRIDGE AV/BEDFORD PAR BRONX NY 10458	0.20 NW	106
46	SPILLS	MANHOLE 1418 0103992/CLOSED	BEDFORD PK BLVD/BAINBR AV BRONX NY 10458	0.20 NW	107
46	SPILLS	MAN HOLE 1418 0108376/CLOSED	BEDFORD PARK BV/BAINBRIDG BRONX NY 10458	0.20 NW	108
46	SPILLS	MANHOLE 1418 0009151/CLOSED	BEDFORD PK BL and BAINBRIDG BRONX NY 10458	0.20 NW	109
47	SPILLS	9812720/CLOSED	2929 BAINBRIDGE AVE BRONX NY 10458	0.21 NW	110
48	SPILLS	COMMERCIAL BUSINESS 0312525/CLOSED	2779 WEBSTER AV BRONX NY 10458	0.21 SW	111
49	SPILLS	MANHOLE 23050 9903522/CLOSED	HOLE AVE/MOSHOLEU PKWY BRONX NY 10458	0.21 NE	113
50	SPILLS	BUSINESS 0712866/CLOSED	278 BEDFORD PARK BLVD BRONX NY 10467	0.23 NW	114
50	LUST	BUSINESS 0712866/CLOSED	278 BEDFORD PARK BLVD BRONX NY 10467	0.23 NW	116
51	SPILLS	ON THE STREET 0605055/CLOSED	280 EAST 199TH ST BRONX NY 10458	0.23 NW	118
52	SPILLS	RESIDENCE 0002573/CLOSED	375 EAST MOSHOLU PKWY N. BRONX NY 10467	0.23 NE	119
53	LUST	CLOSED-LACKOF RECENT INFO 8703803/CLOSED	3040 WEBSTER AVENUE BRONX NY 10467	0.23 NE	120
54	SPILLS	APARTMENT 0410243/CLOSED	306 EAST MOSHOLU PKWY BRONX NY 10458	0.24 NW	121
55	LUST	2966 BRIGGS AVE 9308562/CLOSED	2966 BRIGGS AVE BRONX NY 10458	0.25 NW	122
55	SPILLS	2966 BRIGGS AVE 9308562/CLOSED	2966 BRIGGS AVE BRONX NY 10458	0.25 NW	124

***Environmental FirstSearch  
Sites Summary Report***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**TOTAL:** 101      **GEOCODED:** 82      **NON GEOCODED:** 19      **SELECTED:** 1

<b>Map ID</b>	<b>DB Type</b>	<b>Site Name/ID/Status</b>	<b>Address</b>	<b>Dist/Dir</b>	<b>Page No.</b>
56	SPILLS	SERVICE BOX SB32232 0608749/CLOSED	340 EAST 198 STREET BRONX NY 10458	0.25 SW	126

## Environmental FirstSearch Sites Summary Report

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**TOTAL:** 101      **GEOCODED:** 82      **NON GEOCODED:** 19      **SELECTED:** 1

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
	SPILLS	WOODLAWN CEMETERY 1112487/CLOSED	WEBSTER AVE AND 233RD ST BRONX NY	NON GC	N/A
	SPILLS	MANHOLE 26583 0302374/CLOSED	E OF WEBSTER AVE BRONX NY	NON GC	N/A
	SPILLS	MANHOLE 123 0602593/CLOSED	BAINBRIDGE AVE BRONX NY	NON GC	N/A
	SPILLS	MANHOLE TM 280 HAS 50 GAL DIELECTR 0802647/CLOSED	VANCORTLANDT PARK and MOSHONON BRONX NY	NON GC	N/A
	SPILLS	AERIAL XFMR LEAK AT POLE 11475 0802736/CLOSED	WARING and WOODHULL AVENU BRONX NY	NON GC	N/A
	SPILLS	0313764/CLOSED	WEBSTER AVE BRONX NY	NON GC	N/A
	SPILLS	MANHOLE 28995 0500249/CLOSED	GUN HILL ROAD MOSHOLU PAR BRONX NY	NON GC	N/A
	SPILLS	UNDERGROUND VAULT 1180 1008295/CLOSED	GUN HILL RD AND BAINBRIDGE BRONX NY	NON GC	N/A
	SPILLS	SOIL/EXCAVATION 1008463/CLOSED	I/S OF 168TH AND WEBSTER AV BRONX NY	NON GC	N/A
	SPILLS	IN ROAD 0900761/CLOSED	206TH/ BAINBRIDGE BRONX NY	NON GC	N/A
	SPILLS	I/A/O PAUL AVE and MOSHOLU PARKWAY 0908372/CLOSED	PAUL AVE and MOSHOLU PARKWA BRONX NY	NON GC	N/A
	SPILLS	ANTIFREEZE IN VAULT - VS 23049 0709988/CLOSED	IN FRONT OF 304 WEST WEBSTE BRONX NY	NON GC	N/A
	SPILLS	221860; BAINBRIDGE AVENUE 1009150/CLOSED	BAINBRIDGE AVENUE BRONX NY	NON GC	N/A
	SPILLS	219881; BRONX PARK EAST 1008941/CLOSED	BRONX PARK EAST BRONX NY	NON GC	N/A
	SPILLS	HULL AVE BETWEEN 207TH and 209TH S 0809386/CLOSED	HULL AVE BETWEEN 207TH and BRONX NY	NON GC	N/A
	ERNS	MP 9.8 NORTH OF BOTANICAL GARDENS NRC-1007289/RAILROAD NON-RELEASE	MP 9.8 NORTH OF BOTANICAL G BRONX NY	NON GC	N/A
	RCRAGN	CON EDISON NYP004158606/VGN	BAINBRIDGE AVE N OF 213TH S BRONX NY 10458	NON GC	N/A
	LUST	WOODLAWN CEMETERY 1112487/CLOSED	WEBSTER AVE AND 233RD ST BRONX NY	NON GC	N/A
	SPILLS	EAST MOSHOLU PKWY NORTH and BEAN B 0812788/CLOSED	EAST MOSHOLU PKWY NORTH BRONX NY	NON GC	N/A



# Environmental FirstSearch

1 Mile Radius  
ASTM Map: NPL, RCRA COR, STATE Sites



**2977-2997 WEBSTER AVENUE , BRONX NY 10458**



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.868255 Longitude: -73.882569) .....
  - Identified Site, Multiple Sites, Receptor .....
  - NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....
  - Triballand.....
  - Railroads .....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



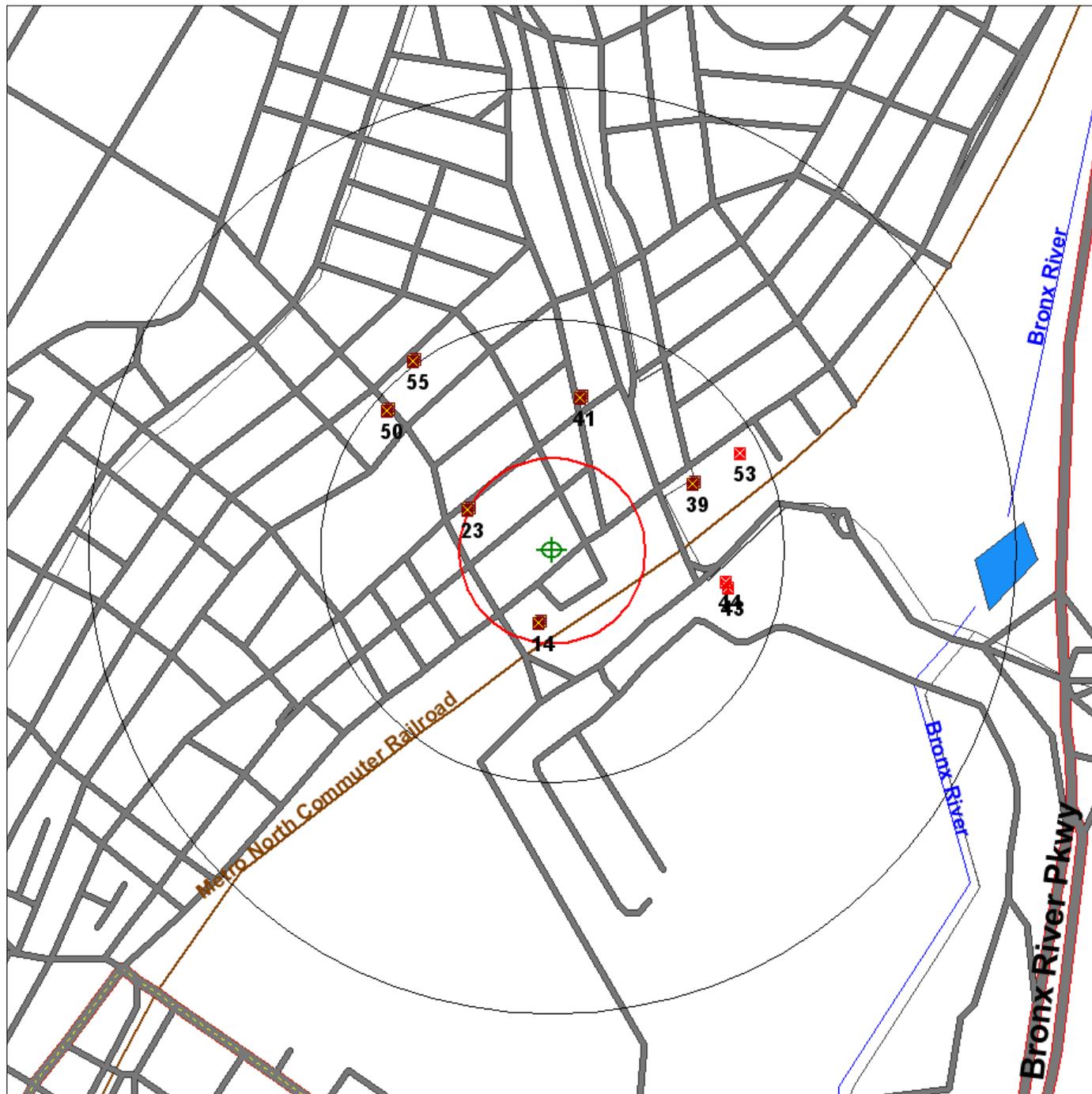


# Environmental FirstSearch

.5 Mile Radius  
ASTM Map: CERCLIS, RCRATSD, LUST, SWL



**2977-2997 WEBSTER AVENUE , BRONX NY 10458**



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.868255 Longitude: -73.882569) .....
  - Identified Site, Multiple Sites, Receptor .....
  - NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....
  - Triballand.....
  - Railroads .....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



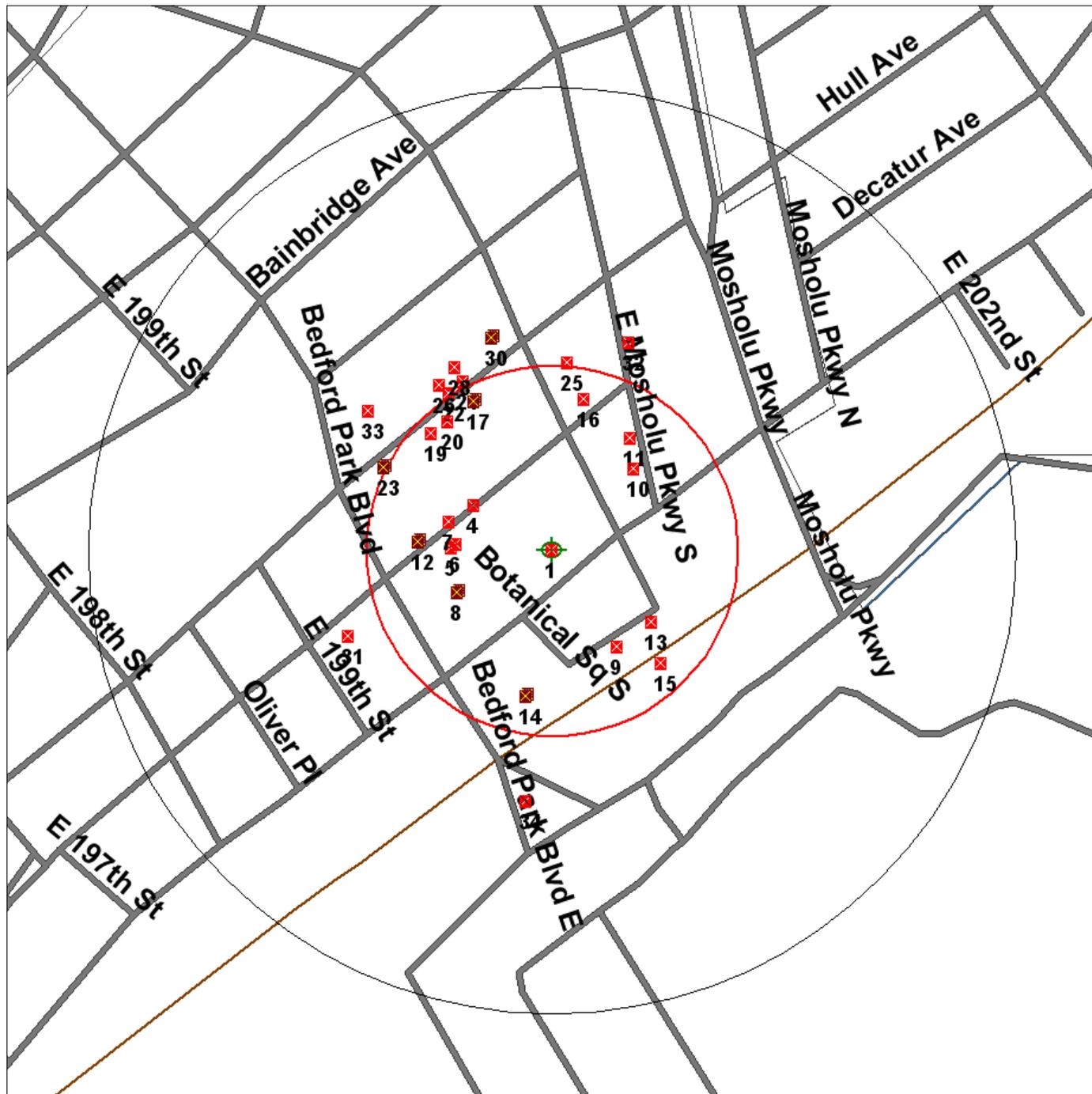


# Environmental FirstSearch

.25 Mile Radius  
ASTM Map: RCRA GEN, ERNS, UST

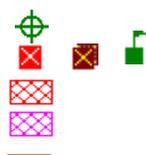


## 2977-2997 WEBSTER AVENUE , BRONX NY 10458



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.868255 Longitude: -73.882569) .....
- Identified Site, Multiple Sites, Receptor .....
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....
- Triballand.....
- Railroads .....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



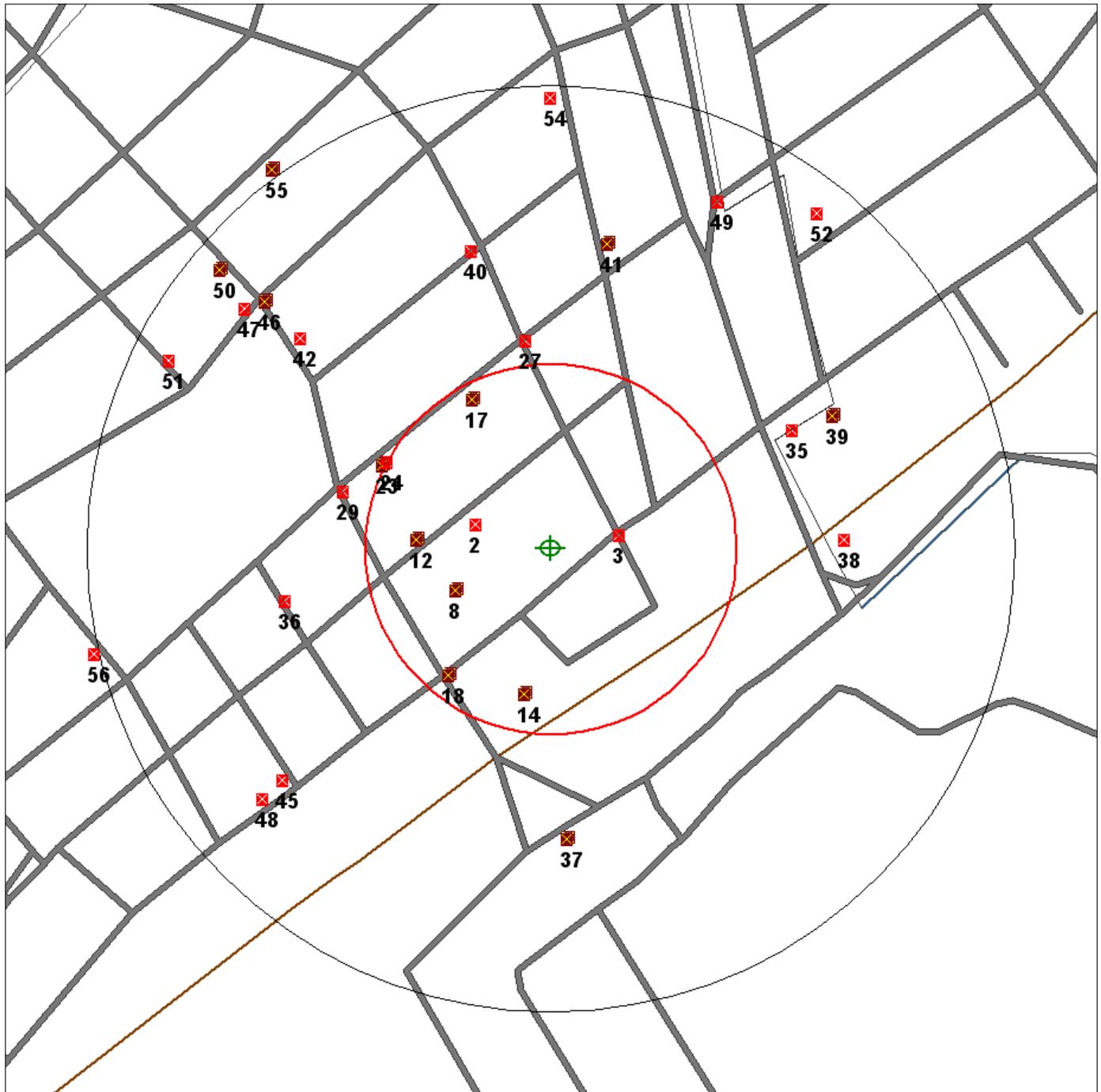


# Environmental FirstSearch

.25 Mile Radius  
Non-ASTM Map: Spills 90



## 2977-2997 WEBSTER AVENUE , BRONX NY 10458



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 40.868255 Longitude: -73.882569) .....
- Identified Site, Multiple Sites, Receptor .....
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste .....
- Triballand.....
- National Historic Sites and Landmark Sites .....
- Railroads .....
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius









































**Environmental FirstSearch**  
**Site Detail Report**

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

UST

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<b>SEARCH ID:</b> 65	<b>DIST/DIR:</b> 0.06 NE	<b>MAP ID:</b> 10
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<b>NAME:</b> 400 EAST MOSHOLU PARKWAY SOUTH <b>ADDRESS:</b> 400 EAST MOSHOLU PARKWAY SOUTH BRONX NY 10458 BRONX <b>CONTACT:</b>	<b>REV:</b> 4/5/12 <b>ID1:</b> PBS2-607429 <b>ID2:</b> <b>STATUS:</b> ACTIVE <b>PHONE:</b>
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<b>SECONDARY CONTAINMENT:</b>	DIKING (ABOVEGROUND)
<b>SECONDARY CONTAINMENT 2:</b>	
<b>LEAK DETECTION:</b>	NONE
<b>LEAK DETECTION 2:</b>	
<b>OVERFILL PROTECTION:</b>	VENT WHISTLE
<b>OVERFILL PROTECTION 2:</b>	
<b>DISPENSER:</b>	SUCTION
<b>SPILL PREVENTION:</b>	
<b>DATE TESTED:</b>	
<b>NEXT TEST:</b>	
<b>TEST METHOD:</b>	TESTING NOT REQUIRED



















































***Environmental FirstSearch  
Site Detail Report***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

SPILLS

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<b>SEARCH ID:</b> 43	<b>DIST/DIR:</b> 0.09 NW	<b>MAP ID:</b> 17
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<b>NAME:</b> STREET	<b>REV:</b> 4/5/12
<b>ADDRESS:</b> 2986 MARION AVE	<b>ID1:</b> 0807351
BRONX NY	<b>ID2:</b> 404692
BRONX	<b>STATUS:</b> CLOSED
<b>CONTACT:</b>	<b>PHONE:</b>

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***Environmental FirstSearch  
Site Detail Report***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**SPILLS**

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<b>SEARCH ID:</b> 12	<b>DIST/DIR:</b> 0.17 NE	<b>MAP ID:</b> 39
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<b>NAME:</b> 52 PRECINCT NYPD -DDC	<b>REV:</b> 4/5/12
<b>ADDRESS:</b> 3016 WEBSTER AVENUE	<b>ID1:</b> 9412990
BRONX NY	<b>ID2:</b> 301910
BRONX	<b>STATUS:</b> CLOSED
<b>CONTACT:</b>	<b>PHONE:</b>

---

GW Quality Criteria for two consecutive sampling events. Based on this results and in discussion with J. Kolleeny, the spill is closed and NFA letter issued. - II

**THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION**





***Environmental FirstSearch  
Site Detail Report***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

LUST

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<b>SEARCH ID:</b> 75	<b>DIST/DIR:</b> 0.17 NE	<b>MAP ID:</b> 39
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<b>NAME:</b> 52 PRECINCT NYPD -DDC	<b>REV:</b> 4/5/12
<b>ADDRESS:</b> 3016 WEBSTER AVENUE	<b>ID1:</b> 9412990
BRONX NY	<b>ID2:</b> 301910
BRONX	<b>STATUS:</b> CLOSED
<b>CONTACT:</b>	<b>PHONE:</b>

---

GW Quality Criteria for two consecutive sampling events. Based on this results and in discussion with J. Kolleeny, the spill is closed and NFA letter issued. - II

**THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION**







**Environmental FirstSearch**  
**Site Detail Report**

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

SPILLS

**SEARCH ID:** 17

**DIST/DIR:** 0.17 NW

**MAP ID:** 40

**NAME:** APARTMENT BUILDING  
**ADDRESS:** 314 EAST 201 STREET  
BRONX NY  
BRONX

**REV:** 4/5/12  
**ID1:** 1010470  
**ID2:** 444076  
**STATUS:** CLOSED  
**PHONE:**

**CONTACT:**

I asked him whether all of the contaminated soil had been removed and the end points had been taken. He said Yes. I told him that ABC can backfill the hole and consider the work completed. 6/8/11 - Raphael Ketani. I spoke to Ms. Vieni (718) 272-2800 and she said that all of the work had been completed and the remediation report had been written. I told her to send the DEC the report. She said that she will. Ms. Vieni added that oil is still entering the elevator pit despite the fact that all of the contaminated soil had been removed. I asked her how much oil was in the pit each time Eastmond gets a call to come and collect the oil. She said about a few gallons. I tried to contact Mr. Hirshkowitz (718) 892-9432 regarding the oil that was still entering the elevator pit, but I could only leave a message. 8/4/11 - Raphael Ketani. I tried to contact Mr. Yustman (718) 892-9432 regarding the presence of oil at the site and submission of the remediation report. However, I could only leave a message. I tried to contact Ms. Vieni regarding the same issues, but could only leave a message. Mr. Yustman called me back. He stated that no oil is entering the pit. In fact, he recently had his elevator service company at the site and they reported that everything was clean. I told Mr. Yustman that this is not what I heard and that staff at ABC had mentioned that oil was indeed entering the pit. I added that the DEC never received the remediation report. Mr. Yustman stated that he will call ABC and ask them to send it. 9/15/11 - Raphael Ketani. I tried to contact Mr. Yustman (718) 892-9432, but I could only speak to his assistants. They told me that he will be in another day. I spoke to Ms. Vieni (718) 272-2800. She said that she hadn't forgotten about this case, but she is the only one at ABC who they give spill closure cases to. So she is swamped. She said that this case was next on her list to send out the closure report. 10/19/11 - Raphael Ketani. I spoke to Mr. Yustman (718) 892-9432 and told him that the DEC still hadn't received the closure report. He said that he will call ABC right now and have them send the report. 10/26/11 - Raphael Ketani. I tried to contact Ms. Vieni (718) 272-2800 regarding sending the cleanup report, but I could only leave a message. Next, I contacted Mr. Yustman (718) 892-9432. I told him that the DEC never received the cleanup report for the site. Mr. Yustman said that he had spoken to Chris of ABC who had told him that the report would be sent to the DEC within a few days. I told Mr. Yustman that the DEC never received the report. He then said that he will call ABC and tell them again to send the report. 10/28/11 - Raphael Ketani. Ms. Vieni sent me a FAX containing the 10/27/11 remediation report for the site. I reviewed the report. The report contained a manifest for the removal of 21 drums of contaminated soil, a site plan, raw data results for one end point sample showing the VOCs to be non-detect and the SVOCs to be very far below CP-51 standards, and a passing tank system test. Based upon the data in the ABC remediation report, the great majority of the soil contamination has been removed. Therefore, I have determined that the residual contamination is not a threat to the public or the environment. I closed the spill case today.

**THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION**



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**SPILLS**

**SEARCH ID:** 15

**DIST/DIR:** 0.17 NE

**MAP ID:** 41

**NAME:** APARTMENT  
**ADDRESS:** 340 MOSHOLU PARKWAY  
BRONX NY  
BRONX

**REV:** 4/5/12  
**ID1:** 0413604  
**ID2:** 342754  
**STATUS:** CLOSED  
**PHONE:**

**CONTACT:**



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

LUST

**SEARCH ID:** 76

**DIST/DIR:** 0.17 NE

**MAP ID:** 41

**NAME:** APARTMENT  
**ADDRESS:** 340 MOSHOLU PARKWAY  
BRONX NY  
BRONX

**REV:** 4/5/12  
**ID1:** 0413604  
**ID2:** 342754  
**STATUS:** CLOSED  
**PHONE:**

**CONTACT:**





















***Environmental FirstSearch  
Site Detail Report***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**SPILLS**

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<b>SEARCH ID:</b> 20	<b>DIST/DIR:</b> 0.21 SW	<b>MAP ID:</b> 48
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<b>NAME:</b> COMMERCIAL BUSINESS	<b>REV:</b> 4/5/12
<b>ADDRESS:</b> 2779 WEBSTER AV	<b>ID1:</b> 0312525
BRONX NY	<b>ID2:</b> 295363
BRONX	<b>STATUS:</b> CLOSED
<b>CONTACT:</b>	<b>PHONE:</b>

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**THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION**





***Environmental FirstSearch  
Site Detail Report***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

**SPILLS**

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<b>SEARCH ID:</b> 19	<b>DIST/DIR:</b> 0.23 NW	<b>MAP ID:</b> 50
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<b>NAME:</b> BUSINESS	<b>REV:</b> 4/5/12
<b>ADDRESS:</b> 278 BEDFORD PARK BLVD	<b>ID1:</b> 0712866
BRONX NY	<b>ID2:</b> 394544
BRONX	<b>STATUS:</b> CLOSED
<b>CONTACT:</b>	<b>PHONE:</b>

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**THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION**



***Environmental FirstSearch  
Site Detail Report***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

LUST

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<b>SEARCH ID:</b> 77	<b>DIST/DIR:</b> 0.23 NW	<b>MAP ID:</b> 50
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<b>NAME:</b> BUSINESS	<b>REV:</b> 4/5/12
<b>ADDRESS:</b> 278 BEDFORD PARK BLVD	<b>ID1:</b> 0712866
BRONX NY	<b>ID2:</b> 394544
BRONX	<b>STATUS:</b> CLOSED
<b>CONTACT:</b>	<b>PHONE:</b>

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**THERE MAYBE MORE DEC REMARKS AVAILABLE, PLEASE CONTACT THE NY DEC (518) 402-9549 FOR FURTHER INFORMATION**



















## Environmental FirstSearch Database Sources

**NPL:** *EPA* Environmental Protection Agency

*Updated quarterly*

**NPL DELISTED:** *EPA* Environmental Protection Agency

*Updated quarterly*

**CERCLIS:** *EPA* Environmental Protection Agency

*Updated quarterly*

**NFRAP:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**RCRA COR ACT:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**RCRA TSD:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**RCRA GEN:** *EPA* Environmental Protection Agency.

*Updated quarterly*

**Federal IC / EC:** *EPA* Environmental Protection Agency

*Updated quarterly*

**ERNS:** *EPA/NRC* Environmental Protection Agency

*Updated semi-annually*

**Tribal Lands:** *DOI/BIA* United States Department of the Interior

*Updated annually*

**State/Tribal Sites:** *NYSDEC* New York Department of Environmental Remediation  
New York State Department of Environmental Conservation

*Updated quarterly*

**State Spills 90:** *NYSDEC* New York State Department of Environmental Conservation

*Updated quarterly*

**State/Tribal SWL:** *NYSDEC* New York State Department of Environmental Conservation

*Updated annually*

**State/Tribal LUST:** *NYSDEC* New York State Department of Environmental Conservation

*Updated quarterly*

**State/Tribal UST/AST:** *NYSDEC* New York State Department of Environmental Conservation  
Nassau County Department of Health  
Nassau County Fire Marshal  
Cortland County Health Department  
Rockland County Department of Health

*Updated quarterly*

**State/Tribal EC:** *NYSDEC* New York State Department of Environmental Conservation

*Updated quarterly*

**State/Tribal IC:** *NYSDEC* New York State Department of Environmental Conservation

*Updated quarterly*

**State/Tribal VCP:** *NYSDEC* New York State Department of Environmental Conservation

*Updated quarterly*

**State/Tribal Brownfields:** *NYSDEC* New York State Department of Environmental Conservation

*Updated quarterly*

**RADON:** *NTIS* Environmental Protection Agency, National Technical Information Services

*Updated periodically*

## Environmental FirstSearch Descriptions

**NPL: EPA NATIONAL PRIORITY LIST** - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

**NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset** - Database of delisted NPL sites. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

DELISTED - Deleted from the Final NPL

**CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)**- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

**NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES** - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

NFRAP – No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W – Withdrawn

**RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

RCRAInfo facilities that have reported violations and subject to corrective actions.

**RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM**

**TREATMENT, STORAGE, and DISPOSAL FACILITIES.** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

**RCRA GEN: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS** - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984. Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN – Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

**Federal IC / EC: EPA BROWNFIELD MANAGEMENT SYSTEM (BMS)** - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

**FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS-** Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

**ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)** - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

**Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES** - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

**State/Tribal Sites: NYSDEC ENVIRONMENTAL SITE REMEDIATION DATABASE** - database of sites being remediated under a DER remedial program/s (i.e. State Superfund, Brownfield Cleanup, etc.). This database also includes the Registry of Institutional and Engineering Controls in New York State.

**REGISTRY OF INACTIVE HAZARDOUSE WASTE DISPOSAL SITES –**

**HAZARDOUS SUBSTANCE SITE STUDY - (STATIC)** This study was done in 1998 and was prepared by the NY DEC, Hazardous Substances Waste Disposal Task Force In consultation with N.Y. Department of Health

**State Spills 90: NYSDEC SPILL INCIDENTS DATABASE** - database of chemical and petroleum spill incidents that occurred since 1990.

**State/Tribal SWL: NYSDEC ACTIVE FACILITIES REGISTRY** - database of solid waste landfill facilities. The data includes location, waste type, owner and permit number.

**State/Tribal LUST: NYSDEC SPILL INCIDENTS DATABASE SUBSET** - database of chemical and petroleum spill incidents where the cause was a tank test failure or tank failure

**State/Tribal UST/AST: NYSDEC DATABASE OF PETROLEUM BULK STORAGE, MAJOR OIL STORAGE (MOSF), AND CHEMICAL BULK STORAGE (CBS) FACILITIES** - database of petroleum or chemical storage facilities. The data includes status, tank type, capacity and contents. The data also includes

Nassau County Department of Health's PBS Tanks  
Nassau County Fire Marshall's PBS Tanks  
Suffolk County Department of Health Services PBS Tanks  
Cortland County Health Department PBS Tanks  
Rockland County Department of Health PBS Tanks  
Westchester County Department of Health PBS Tanks.

**State/Tribal EC:** *NYSDEC* REGISTRY OF INSTITUTIONAL AND ENGINEERING CONTROLS Subset - database of sites from the Registry that have Engineering Controls.

**State/Tribal IC:** *NYSDEC* REGISTRY OF INSTITUTIONAL AND ENGINEERING CONTROLS Subset - database of sites from the Registry that have Institutional Controls.

**State/Tribal VCP:** *NYSDEC* VOLUNTARY CLEANUP PROGRAM - static database of voluntary clean up sites. The Brownfield Cleanup program has replaced the Voluntary Cleanup Program.

**State/Tribal Brownfields:** *NYSDEC* BROWNFIELD - database of old brownfield programs, brownfield cleanup programs, environmental restoration projects.

**RADON:** *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

***Environmental FirstSearch***  
***Street Name Report for Streets within .25 Mile(s) of Target Property***

**Target Property:** 2977-2997 WEBSTER AVENUE  
BRONX NY 10458

**JOB:** PHASE I

<b>Street Name</b>	<b>Dist/Dir</b>	<b>Street Name</b>	<b>Dist/Dir</b>
Bainbridge Ave	0.20 NW		
Bedford Park Blvd	0.08 SW		
Botanical Sq	0.06 SE		
Botanical Sq N	0.04 NE		
Botanical Sq S	0.04 SW		
Bronx Park Rd	0.17 SE		
Decatur Ave	0.04 NW		
Dr Theodore Kazimiro	0.13 SE		
E 198th St	0.23 SW		
E 199th St	0.14 SW		
E 201st St	0.04 NE		
E Mosholu Pky N	0.24 NE		
E Mosholu Pky S	0.06 NE		
Hull Ave	0.21 NE		
Marion Ave	0.09 NW		
Mosholu Pky	0.13 NE		
Mosholu Pky N	0.17 NE		
Mount Saint Ursula P	0.20 NW		
Oliver Pl	0.18 SW		
Perry Ave	0.15 NW		
Webster Ave	0.02 SE		

**APPENDIX B**

# Environmental Services Health & Safety Plan

**Job Name:** Tyler's Bronx Tunnel, LLC – Webster III

# DT CONSULTING SERVICES, INC

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- 1.0 Introduction
- 2.0 Organizational Structure
  - 2.1 Safety and Health Manager
  - 2.2 Site Safety and Health Office
    - 2.2.1 Responsibilities
- 3.0 Personal Protective Equipment
  - 3.1 Protection Levels
    - 3.1.1 Level A
    - 3.1.2 Level B
    - 3.1.3 Level C
    - 3.1.4 Level D
- 4.0 Work Zones
  - 4.1 Exclusion Zone
  - 4.2 Contamination Reduction Zone
  - 4.3 Support Zone
- 5.0 Air Monitoring
- 6.0 Site Communications
- 7.0 Emergency Procedures
  - 7.1 Injury in the exclusion zone
  - 7.2 Injury in the support zone
  - 7.3 Fire or explosion
  - 7.4 Protective equipment failure
- 8.0 Standard Safety Practices
- 9.0 Daily Safety Meetings
- 10.0 Site Specific Plan
  - 10.1 Detailed site information
  - 10.2 Contaminants on site/Action Levels
  - 10.3 Emergency Information
    - 10.3.1 Emergency Responders
      - 10.3.1.1 Hospital
      - 10.3.1.2 Emergency telephone numbers
      - 10.3.1.3 Regulatory agencies

# DT CONSULTING SERVICES, INC

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10.4 First Aid

10.5 Work Zones

10.5.1 Command post

10.6 Site Communications

10.6.1 Telephone

10.6.2 Hand Signals

10.7 Environmental Monitoring

10.8 Personal Protective Equipment

10.8.1 Exclusion zone

10.8.2 Contamination reduction corridor

10.9 Decontamination

10.9.1 Decontamination Procedure

11.0 Key Personnel

12.0 Work Plan

12.1 Job objective / Detailed work plan

# DT CONSULTING SERVICES, INC

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## **1.0 INTRODUCTION**

DT Consulting Services, Inc. (DTCS) has designed a safety and health program to provide its employees with the guidelines necessary to ensure their own safety and health as well as that of the surrounding community. The goal of this plan is to minimize the risk of injury during site investigative procedures including the advancement and sampling of soil cores along with soil gas sampling and groundwater monitoring.

## **2.0 ORGANIZATIONAL STRUCTURE**

### **2.1 SAFETY AND HEALTH MANAGER**

It is the responsibility of the safety and health manager to develop the comprehensive safety and health plan. The safety and health manager will be apprised of any changes in the comprehensive safety and health plan as well as all site-specific procedural determinations. The safety and health manager for this project will be Ms. Deborah Thompson.

#### **2.1.1 RESPONSIBILITIES**

- a) Initial site evaluation
- b) Hazard identification
- c) Determination of appropriate protection levels
- d) Conduct daily safety and health meetings
- e) Supervision of site sampling and monitoring
- f) Supervision of decontamination procedures
- g) Designate work zones to maintain site integrity

## **3.0 PERSONAL PROTECTIVE EQUIPMENT**

The proper personal protective equipment is chosen by the site safety and health officer in consultation with the safety and health manager. The level of protection is dependent on the hazards that are likely to be encountered on-site.

### **3.1 PROTECTION LEVELS**

DTCS utilizes four levels of protection as set forth in the OSHA guidelines, Appendix B of 1910.120.

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## **3.1.1 Level A**

Level A provides the greatest level of skin, respiratory, and eye protection with the following minimum equipment:

- Full face, self-contained breathing apparatus (SCBA) or supplied air with escape SCBA
- Fully encapsulated chemical resistant suit
- Chemical resistant boots
- Chemical resistant inner and outer gloves

## **3.1.2 Level B**

Level B provides the greatest level of respiratory protection, but a lower level of skin protection than Level A with the following minimum equipment:

- Full face SCBA or supplied air with escape SCBA
- Chemical resistant clothing
- Chemical resistant inner and out gloves
- Chemical resistant boots

## **3.1.3 Level C**

Level C provides the same level of skin protection as Level B, but a lower level of respiratory protection with the following minimum equipment:

- Full face piece air purifying respirator with appropriate cartridge. Cartridges are chosen based on knowledge of hazardous material
- Chemical resistant clothing
- Chemical resistant inner and outer gloves
- Chemical resistant boots

## **3.1.4 Level D**

Level D provides the lowest level of skin protection and no respiratory protection with the following minimum equipment:

- Coveralls
- Safety boots
- Gloves
- Safety glasses or splash goggles

## **4.0 WORK ZONES**

DTCS utilizes the standard three-zone approach to site control. These zones are the exclusion zone, the contamination reduction zone and the support zone. Movement of personnel and equipment through these zones shall be strictly regulated in order to prevent contamination of clean environments and to protect workers in the support zone from possible exposure.

### **4.1 EXCLUSION ZONE**

The exclusion zone is the area of highest contamination. All personnel entering this zone must wear the appropriate level of protection as prescribed in the site specific safety plan. The outer boundary of the exclusion zone, referred to as the Hotline, shall be determined based upon such considerations as; extent of surface contamination, safe distance in the case of fire or explosion, physical area necessary for workers to conduct operations in a safe manner and safe distance in the event of vapor or gas emissions. Upon determination, the Hotline shall be visibly marked and secured to prevent accidental entry by unauthorized personnel.

### **4.2 CONTAMINATION REDUCTION ZONE**

The Contamination Reduction Zone is the area between the exclusion zone and the support zone. Its purpose is to protect the clean environment from contamination as workers enter and exit the exclusion zone. The outer boundary of this zone is referred to as the Coldline and shall be clearly marked. Decontamination stations shall be set up in this zone in a line known as the contamination reduction corridor. All personnel exiting the exclusion zone must follow the steps as prescribed in the decontamination procedures prior to re-entering the support zone.

### **4.3 SUPPORT ZONE**

The support zone is the area furthest away from the exclusion zone. It is considered a clean, non-contaminated area where workers need not wear any protective equipment. The command post, equipment trailer, first aid station and lavatory facilities are all located in this area. This area is not, however, open to traffic. Only authorized personnel may enter.

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## **5.0 AIR MONITORING**

As the initial site evaluation work plan entails minimal site intrusive activities, specific air monitoring procedures would include only the periodic recording of total volatile organic compound or VOC concentrations with a Photoionization Detector (PID) or equivalent during site activities.

## **6.0 SITE COMMUNICATIONS**

Various methods of communication will be employed based upon site conditions and work zones. Regardless of method of communication, personnel working in the exclusion zone will remain within constant view of support crews.

DTCS has a network of devices to aid in communications. All or some of the following devices may be used depending upon job site requirements; hand held radios, headset transistor walkie-talkies and cellular telephones.

The following hand signals shall be standardized for use in emergencies and in event of radio communication breakdown.

Hand gripping throat - out of air, can't breathe  
Grip partner's wrist - leave area immediately  
Hands on top of head - need assistance  
Thumbs up - I am all right, okay  
Thumbs down - no, negative

Horn blasts may be used to gain the immediate attention of crews to indicate that dangerous conditions exist.

## **7.0 EMERGENCY PROCEDURES**

The following procedures shall be followed by all site personnel in the event of an emergency. Any changes to this procedure shall be noted in the site-specific plan. In all situations where there has been an evacuation of exclusion zone, reentry shall not be permitted until the following conditions have been met; the cause of the emergency has been determined and corrected, the site hazards have been reassessed, the safety plan has been reviewed and all personnel have been apprised of any changes.

## **7.1 INJURY IN THE EXCLUSION ZONE**

In the event of an injury in the exclusion zone, the emergency signal shall be sounded. All personnel in the exclusion zone will assemble at the contamination reduction corridor. First aid procedures will begin on-site and if necessary, an ambulance will be called. No personnel will be allowed to re-enter the exclusion zone until the exact nature and cause of the injury has been determined.

## **7.2 INJURY IN THE SUPPORT ZONE**

In the event of an injury in the support zone, on-site first aid procedures will begin immediately and an ambulance called if necessary. The site safety and health officer shall determine if the nature and cause of the injury or loss of the injured person will jeopardize the smooth running of the operations. If so, the emergency signal will be sounded and all personnel will follow the same procedure as outline above.

## **7.3 FIRE OR EXPLOSION**

In the event of fire or explosion, the emergency signal shall be sounded and all personnel will assemble at the contamination reduction corridor. The fire department will be called and all personnel will be evacuated to a safe distance.

## **7.4 PROTECTIVE EQUIPMENT FAILURE**

In the vent of protective equipment failure, the affected worker and his/her buddy will leave the exclusion zone immediately. In the event of any other equipment failure, the site safety and health officer will determine if this failure affects the operation. If so, the emergency signal will be sounded and all personnel will leave the exclusion zone until such time as it is deemed safe.

## **8.0 STANDARD SAFETY PRACTICES**

The following guidelines will be followed by all personnel at all times; any changes must be approved by the safety and health manager.

- All employees will attend the daily safety meetings prior to site entry.

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- The buddy system will be utilized at all times.
- There will be no eating, drinking, smoking, or use of smoking material (i.e. matches) within the work area(s).
- Only authorized personnel will be allowed in designated work zones and will wear the proper personal protective clothing and equipment as prescribed in the site safety plan.
- The site safety and health officer will be appraised of any unusual circumstances immediately.

Such circumstances include but are not limited to the following; unusual odors, emissions, signs of chemical reaction, and discovery of conditions or substances not mentioned in the site safety plan. The site safety officer will then determine if these conditions warrant a shut down of operations.

## **9.0 DAILY SAFETY MEETINGS**

Daily safety meetings will be conducted by the site safety and health officer prior to commencement of work. All personnel, regardless of job classification are required to attend.

### **9.1 DISCUSSIONS**

1. Overview of safety and health plan.
2. Detailed discussion of substances of concern with emphasis on exposure limits, exposure symptoms and exposure hazards.
3. Review of standard safety precautions and work practices.
4. Review of work plan.
5. Review of hand signals and emergency signals.

Personnel will sign a daily attendance sheet, which shall include an overview of the topics discussed.

## **10.0 SITE SPECIFIC PLAN**

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## 10.1 DETAILED SITE INFORMATION

- **Plan Date** TBA
- **Job Name** Tyler's Bronx Tunnel, LLC – Webster III
- **Client** Tyler's Bronx Tunnel, LLC
- **Client Contact/Phone Number**  
Michael S. Froning – (914) 251-1374
- **Site Address** 2981 Webster Avenue  
Bronx, New York
- **Cross Street** East 201<sup>st</sup> Street & Bedford Park Blvd
- **Site Access** Direct

## 10.2 CONTAMINANTS ON SITE/ACTION LEVELS

The following substances have the potential to exist on-site. The general primary hazards of each are identified, associated primarily with direct skin contact and inhalation.

SUBSTANCE	PRIMARY HAZARDS
<i>Volatile &amp; Semi-Volatile Organics</i>	Eye, skin and respiratory irritation, nausea, vomiting, headache, liver, kidney, lung damage, sore throat, dizziness.
<i>PCBs</i>	Skin irritation, liver damage, fatigue, headaches, coughs, and unusual skin sores. Potential carcinogenic and non-carcinogenic effects.
<i>Pesticides</i>	Nausea, vomiting, diarrhea or stomach cramps. Headache, dizziness, weakness, or confusion. Excessive sweating, tearing, chills, or thirst. Chest pains. Breathing difficulties, body aches and muscle cramps.
<i>Metals</i>	Cough, weakness, eye, skin and throat irritation, abdominal pain, nausea, vomiting, headache, muscle aches, chills. Lung damage.

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## Action Levels

Action levels shall be determined by monitoring of work zone breathing space with a portable Photoionization detector (PID) or comparable instrument. Measurement of a sustained concentration above ambient (background) conditions shall initiate action. The following criteria shall be used to determine appropriate action:

<b>VOCs in Breathing Zone (sustained and above background)</b>	<b>Level of Respiratory Protection</b>
0 – 5 ppm	Level D
5 – 200 ppm	Level C
200 – 1000 ppm	Level B - air line
1000+ ppm	Level B - SCBA

If the above criteria indicate the need to increase from Level D to a higher level of personal protection, all work in that particular site area will be immediately suspended until the required protective equipment is made available, or until Level D conditions return.

## 10.3 EMERGENCY INFORMATION

### 10.3.1 EMERGENCY RESPONDERS

#### 10.3.1.1 HOSPITAL

**Name:** Montefiore Medical Center

**Address & Telephone Number:**  
111 East 210<sup>th</sup> Street, Bronx, NY  
(718) 920-4321

**Distance from Site:** 0.96 Miles

#### 10.3.1.2 EMERGENCY TELEPHONE NUMBERS

**Police** 911 on Cellular Phone  
**Fire** 911 on Cellular Phone  
**Ambulance** 911 on Cellular Phone

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## **10.3.1.3 REGULATORY AGENCIES**

**EPA Telephone Number** 1-800-424-8802

**NYSDEC Spills Hotline** 1-800-457-7362

## **10.4 FIRST AID**

First Aid available at the following stations:

First Aid Kit TRUCK

Emergency Eye Wash TRUCK & ON SITE

## **10.5 WORK ZONES**

### **10.5.1 COMMAND POST**

Command post will be mobile.

## **10.6 SITE COMMUNICATIONS**

### **10.6.1 TELEPHONE**

Command Post Telephone - Cellular Phone  
Number (845)943-0159

### **10.6.2 HAND SIGNALS**

See Section 6.0

## **10.7 ENVIRONMENTAL MONITORING**

### **10.7.1 MONITORING EQUIPMENT**

Refer to Phase II Work Plan

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## 10.8 PERSONAL PROTECTIVE EQUIPMENT

### 10.8.1 EXCLUSION ZONE, PROTECTION LEVEL

<b>PROTECTIVE EQUIPMENT:</b>	Level D
<b>RESPIRATORY</b>	None
<b>HANDS</b>	Nitrile or Leather
<b>FEET</b>	Steel Toed Boots
<b>SUIT</b>	None

### 10.8.2 CONTAMINATION REDUCTION CORRIDOR (DECON LINE)

<b>PROTECTIVE EQUIPMENT:</b>	Level D
<b>RESPIRATORY</b>	None
<b>HANDS</b>	Nitrile or Leather
<b>FEET</b>	Steel Toed
<b>SUIT</b>	None

## 10.9 DECONTAMINATION

### 10.9.1 DECONTAMINATION PROCEDURE

STATION 1 SOAPY WATER

STATION 2 WATER

## 11.0 KEY PERSONNEL

### SAFETY AND HEALTH MANAGER / ON-SITE SUPERVISOR

Deborah J. Thompson

### FOREMEN

TBA

### FIELD PERSONNEL

Will Vary

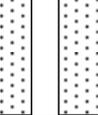
**12.0 WORK PLAN**

**12.1 JOB OBJECTIVE**

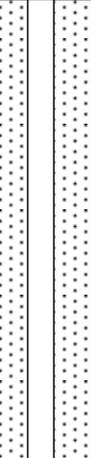
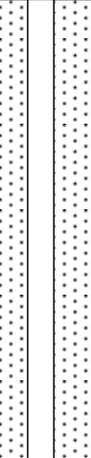
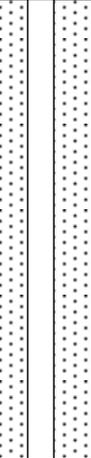
The objective is to execute a Phase II Work Plan which includes soil, soil gas and groundwater sampling to delineate and quantify the extent of contamination (if any) on-site where the residential redevelopment is planned. This project will be under the management of New York City Office of Environmental Remediation (OER) for Hazardous Materials E-Designation Projects. Upon completion of field work, a Remedial Action Plan or RAP will be generated to address documented contamination, if encountered.

**APPENDIX C**

**DT CONSULTING SERVICES, INC.**

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 638-3484			<b>Soil Boring Log</b>			Hole No: SB-1 Sheet 1 of 1		Date started: 11-12-12 Date Finished: 11-12-12		
Client: Tyler's Bronx Tunnel, LLC				Method of investigation: 2" Hollow Stem Samplers						
Location: 2981 Webster Avenue, Bronx, NY				OER Project Number: 13EN-AN187X P. Manager: Deborah Thompson		Drilling Co: Todd Syska, Inc. Geologist: Deborah Thompson		Driller: Todd Syska D. Helper: O. Tanner Drill Rig: ATV-Geoprobe		Weather: Cloudy 40° F
Depth (ft.)	Sample					Sample Description	Field Analytical Readings	Boring Details	Groundwater and Other Observations	
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)					
5						Lt brown, mixed fill w/angular stone, damp, no odors.	PID (ppm) 0.0			
					2.9					
10						Sampled at 0-2' bgs				
15						Sampled at 0-2' bgs				
20						Sampled at 0-2' bgs				
25						Sampled at 0-2' bgs				
30						Sampled at 0-2' bgs				
35						Sampled at 0-2' bgs				
Sample Types: S=Hollow Spoon: <u>  X  </u> R= Rock Core: <u>          </u> N = ASTM D1586						T= Shelby Tube: <u>          </u> O = <u>          </u>		Backfill Well Key  Cement  Borehole  Native Fill  Bentonite		

**DT CONSULTING SERVICES, INC.**

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484		Soil Boring Log	Hole No: SB-2/MW-1 Sheet 1 of 1	Date started: 11-12-12 Date Finished: 11-12-12					
Client: Tyler's Bronx Tunnel, LLC			Method of investigation: 2" Hollow Stem Samplers						
Location: 2981 Webster Avenue, Bronx, NY			Drilling Co: Todd Syska, Inc.	Driller: Todd Syska D. Helper: O. Tanner Drill Rig: ATV-Geoprobe					
OER Project Number: 13EN-AN187X P. Manager: Deborah Thompson		Geologist: Deborah Thompson		Weather: Cloudy 40° F					
Depth (ft.)	Sample				Sample Description	Field Analytical Readings	Boring Details	Groundwater and Other Observations	
	No.	Depth (ft.)	Blows per 6"	"N"					Recovery (ft.)
5					Light brown, mixed fill w/angular stone, damp, no odors.	PID (ppm)  0.0		Groundwater encountered at 10.40' bgs. No obvious impacts.	
					Light brown, mixed fill w/angular stone, damp, no odors.				
					3.1				
10					Light brown, mixed fill w/angular stone, moist-wet at ~11.8' bgs, no odors.	0.0			
					Light brown, mixed fill w/angular stone, moist-wet at ~11.8' bgs, no odors.				
					3.2				
15					Light brown, fine-medium sand, saturated, no odors.	0.0			
					Light brown, fine-medium sand, saturated, no odors.				
					3.5				
20					Sampled at 0-2' & 9-11' below grade. Collected groundwater sample with temporary well installation set at 16' bgs.				
25									
30									
35									
Sample Types: S=Hollow Spoon: <u>    X    </u> R= Rock Core: <u>                    </u> N = ASTM D1586					T= Shelby Tube: <u>                    </u> O = <u>                    </u>		Backfill Well Key  Cement  Native Fill  Borehole  Bentonite		

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 638-3484		<b>Soil Boring Log</b>	Hole No: SB-3/MW-2 Sheet 1 of 1	Date started: 11-12-12 Date Finished: 11-12-12					
Client: Tyler's Bronx Tunnel, LLC		Method of investigation: 2" Hollow Stem Samplers							
Location: 2981 Webster Avenue, Bronx, NY		Drilling Co: Todd Syska, Inc.	Driller: Todd Syska D. Helper: O. Tanner Drill Rig: ATV-Geoprobe	Weather: Cloudy 40° F					
OER Project Number: 13EN-AN187X P. Manager: Deborah Thompson		Geologist: Deborah Thompson							
Depth (ft.)	Sample					Sample Description	Field Analytical Readings	Boring Details	Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)				
5					2.4	Light brown, mixed fill w/angular stone, damp, no odors.	PID (ppm)  0.0		Groundwater encountered at 10.89' bgs. No obvious impacts.
						Light brown, mixed fill w/angular stone, damp, no odors.			
10					1.5	Light brown, mixed fill w/angular stone (8-10' bgs), f-m sand (10-12' bgs), moist-wet at ~11.8' bgs, no odors.	0.0		
						Light brown, mixed fill w/angular stone (8-10' bgs), f-m sand (10-12' bgs), moist-wet at ~11.8' bgs, no odors.			
15					3.1	Light brown, fine-medium sand, saturated, no odors.	0.0		
					3.8	Light brown, fine-medium sand, saturated, no odors.			
20						Sampled at 0-2' & 9-11' below grade. Collected groundwater sample with temporary well installation set at 16' bgs.			
25									
30									
35									
Sample Types:		S=Hollow Spoon: <u>    X    </u>		T= Shelby Tube: <u>    </u>				Backfill Well Key	
		R= Rock Core: <u>    </u>		O = <u>    </u>				Cement  Native Fill	
N = ASTM D1586								Borehole  Bentonite	

DT Consulting Services, Inc. 1291 Old Post Road Water Park, New York 12487 (845) 638-3484		<b>Soil Boring Log</b>			Hole No: SB-4/MW-3 Sheet 1 of 1		Date started: 11-12-12 Date Finished: 11-12-12		
Client: Tyler's Bronx Tunnel, LLC				Method of investigation: 2" Hollow Stem Samplers					
Location: 2981 Webster Avenue, Bronx, NY				Drilling Co: Todd Syska, Inc.		Driller: Todd Syska D. Helper: O. Tanner Drill Rig: ATV-Geoprobe		Weather: Cloudy 40° F	
OER Project Number: 13EN-AN187X		P. Manager: Deborah Thompson		Geologist: Deborah Thompson					
Depth (ft.)	Sample					Sample Description	Field Analytical Readings	Boring Details	Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)				
5					2	Light brown, mixed fill w/angular stone, damp, no odors.	PID (ppm)  0.0		Groundwater encountered at 10.02' bgs. No obvious impacts.
						Light brown, mixed fill w/angular stone, damp, no odors.			
10					3.3	Light brown, mixed fill w/angular stone (8-10' bgs), f-m sand (10-12' bgs), moist-wet at ~11' bgs, no odors.	0.0		
					3.4	Light brown, fine-medium sand, saturated, no odors.	0.0		
15					3.5	Sampled at 0-2' & 9-11' below grade. Collected groundwater sample with temporary well installation set at 16' bgs.	0.0		
20									
25									
30									
35									

Sample Types: S=Hollow Spoon:     X          T= Shelby Tube:       
R= Rock Core:           O =     

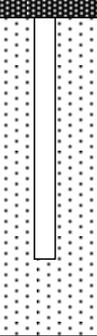
N = ASTM D1586


Backfill Well Key

Cement  Native Fill

Borehole  Bentonite

DT Consulting Services, Inc. 1291 Old Post Road Ulster Park, New York 12487 (845) 658-3484		<b>Soil Boring Log</b>		Hole No: SG-1 Sheet 1 of 1	Date started: 11-12-12 Date Finished: 11-12-12				
Client: Tyler's Bronx Tunnel, LLC			Method of investigation: Soil Gas Sampling		Start time: 11:16am Stop time: 1:32pm				
Location: 2981 Webster Avenue, Bronx, NY			Drilling Co: Todd Syska, Inc.		Weather: Cloudy 40° F				
OER Project Number: 13EN-AN187X P. Manager: Deborah Thompson		Geologist: Deborah Thompson		Driller: Todd Syska D. Helper: O. Tanner Drill Rig: ATV-Geoprobe					
Depth (ft.)	Sample					Sample Description	Field Analytical Readings PID (ppm)	Boring Details	Groundwater and Other Observations
	No.	Depth (ft.)	Blows per 6"	"N"	Recovery (ft.)				
5						Soil vapor point set at 8.4' below grade or 2' above approximate depth to groundwater.		Vacuum Initial 30 in Hg  Vacuum Final 8 in Hg	
Sample Types: S=Hollow Spoon: <input checked="" type="checkbox"/> X R= Rock Core: _____ N = ASTM D1586						T= Shelby Tube: _____ O = _____			
						Backfill Well Key  Cement  Borehole  Native Fill  Bentonite			





**APPENDIX D**

# YORK

ANALYTICAL LABORATORIES, INC.

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## Technical Report

prepared for:

**DT Consulting Services**  
1291 Old Post Road  
Ulster Park NY, 12487  
**Attention: Deborah Thompson**

Report Date: 11/21/2012

**Client Project ID: Webster III 2981 Webster Avenue**  
York Project (SDG) No.: 12K0400

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 11/21/2012  
Client Project ID: Webster III 2981 Webster Avenue  
York Project (SDG) No.: 12K0400

**DT Consulting Services**  
1291 Old Post Road  
Ulster Park NY, 12487  
Attention: Deborah Thompson

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## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 14, 2012 and listed below. The project was identified as your project: **Webster III 2981 Webster Avenue**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12K0400-01	SB-1	Soil	11/12/2012	11/14/2012
12K0400-02	SB-2A	Soil	11/12/2012	11/14/2012
12K0400-03	SB-2B	Soil	11/12/2012	11/14/2012
12K0400-04	SB-2/MW-1	Water	11/12/2012	11/14/2012
12K0400-05	SB-2/MW-1DUPLICATE	Water	11/12/2012	11/14/2012
12K0400-06	SB-3A	Soil	11/12/2012	11/14/2012
12K0400-07	SB-3B	Soil	11/12/2012	11/14/2012
12K0400-08	SB-3/MW-2	Water	11/12/2012	11/14/2012
12K0400-09	SB-4A	Soil	11/12/2012	11/14/2012
12K0400-10	SB-4A DUPLICATE	Soil	11/12/2012	11/14/2012
12K0400-11	SB-4B	Soil	11/12/2012	11/14/2012
12K0400-12	Trip Blank	Drinking Water	11/12/2012	11/14/2012
12K0400-13	SB-4/MW-3	Water	11/12/2012	11/14/2012

**General Notes for York Project (SDG) No.: 12K0400**

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

**Approved By:**



**Date:** 11/21/2012

Robert Q. Bradley  
Executive Vice President / Laboratory Director



## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 12K0400-01

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	0.63	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	0.11	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	0.89	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	0.29	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	0.68	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	0.45	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	0.37	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.41	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.48	9.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	0.64	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	0.60	9.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	0.49	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.2	9.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	0.35	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	0.39	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	0.45	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.36	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.40	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	0.52	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	0.58	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	0.65	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	12	45	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	0.42	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
78-93-3	2-Butanone	ND		ug/kg dry	0.79	9.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	0.36	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	0.46	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
67-64-1	Acetone	ND		ug/kg dry	5.9	9.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
71-43-2	Benzene	ND		ug/kg dry	0.44	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
108-86-1	Bromobenzene	ND		ug/kg dry	0.58	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	0.35	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	0.67	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
75-25-2	Bromoform	ND		ug/kg dry	0.42	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.0	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	0.44	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS

## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 12K0400-01

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	0.44	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
75-00-3	Chloroethane	ND		ug/kg dry	0.50	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
67-66-3	Chloroform	ND		ug/kg dry	0.45	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
74-87-3	Chloromethane	ND		ug/kg dry	0.49	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	0.26	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.41	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	0.52	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
74-95-3	Dibromomethane	ND		ug/kg dry	0.57	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	0.41	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.26	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.61	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.47	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.33	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
75-09-2	<b>Methylene chloride</b>	<b>1.3</b>	J	ug/kg dry	0.81	9.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
91-20-3	Naphthalene	ND		ug/kg dry	0.97	9.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.39	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	0.37	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
95-47-6	o-Xylene	ND		ug/kg dry	0.33	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	0.84	9.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.27	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	0.42	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
100-42-5	Styrene	ND		ug/kg dry	0.30	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	0.42	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	0.48	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
108-88-3	Toluene	ND		ug/kg dry	0.35	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	0.47	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	0.46	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	0.44	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	0.32	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	0.81	9.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	0.25	4.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	0.53	13	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 13:56	SS

## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 12K0400-01

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	334	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	604	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	292	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	569	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	716	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	469	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	753	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	646	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	775	1850	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	408	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	474	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	498	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	305	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	709	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	351	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	805	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	251	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	401	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	484	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	917	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1160	1850	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	445	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	622	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	240	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	541	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	382	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	347	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
83-32-9	Acenaphthene	ND		ug/kg dry	334	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	443	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
62-53-3	Aniline	ND		ug/kg dry	528	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
120-12-7	<b>Anthracene</b>	<b>888</b>	J	ug/kg dry	504	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>3260</b>		ug/kg dry	345	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>2100</b>		ug/kg dry	365	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>2220</b>		ug/kg dry	773	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>1230</b>		ug/kg dry	306	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR

## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 12K0400-01

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>2460</b>		ug/kg dry	923	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	923	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	509	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	317	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	471	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	325	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	637	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
218-01-9	<b>Chrysene</b>	<b>3380</b>		ug/kg dry	425	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>550</b>	J	ug/kg dry	371	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	430	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	580	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	412	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	375	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	923	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
206-44-0	<b>Fluoranthene</b>	<b>5810</b>		ug/kg dry	541	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
86-73-7	Fluorene	ND		ug/kg dry	443	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	545	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	312	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	687	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	264	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>1340</b>		ug/kg dry	421	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
78-59-1	Isophorone	ND		ug/kg dry	317	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	227	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	271	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	378	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	308	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	417	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	696	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
85-01-8	<b>Phenanthrene</b>	<b>3780</b>		ug/kg dry	482	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
108-95-2	Phenol	ND		ug/kg dry	399	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
129-00-0	<b>Pyrene</b>	<b>6880</b>		ug/kg dry	377	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR
110-86-1	Pyridine	ND		ug/kg dry	648	923	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:12	SR

## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 12K0400-01

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
50-29-3	<b>4,4'-DDT</b>	<b>6.68</b>		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.14	9.14	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.5	92.5	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 17:58	JW

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:03	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:03	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:03	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:03	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:03	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:03	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:03	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:03	JW

## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 12K0400-01

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11100		mg/kg dry	1.13	2.22	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-36-0	Antimony	ND		mg/kg dry	0.244	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-38-2	Arsenic	4.86		mg/kg dry	0.377	1.11	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-39-3	Barium	333		mg/kg dry	0.144	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.111	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-70-2	Calcium	13800		mg/kg dry	0.044	5.54	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-47-3	Chromium	26.9		mg/kg dry	0.133	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-48-4	Cobalt	8.99		mg/kg dry	0.089	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-50-8	Copper	47.2		mg/kg dry	0.133	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7439-89-6	Iron	19600		mg/kg dry	0.720	2.22	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7439-92-1	Lead	159		mg/kg dry	0.188	0.332	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7439-95-4	Magnesium	5270		mg/kg dry	0.498	5.54	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7439-96-5	Manganese	304		mg/kg dry	0.122	1.11	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-02-0	Nickel	28.3		mg/kg dry	0.144	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-09-7	Potassium	2080		mg/kg dry	3.74	11.1	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7782-49-2	Selenium	4.84		mg/kg dry	0.554	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-22-4	Silver	ND		mg/kg dry	0.111	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-23-5	Sodium	418		mg/kg dry	5.84	11.1	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-28-0	Thallium	ND		mg/kg dry	0.354	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-62-2	Vanadium	41.8		mg/kg dry	0.122	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW
7440-66-6	Zinc	253		mg/kg dry	0.100	0.554	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:49	MW

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.104	0.111	1	EPA SW846-7471	11/15/2012 08:32	11/15/2012 15:45	AA

## Sample Information

**Client Sample ID:** SB-1

**York Sample ID:** 12K0400-01

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Total Solids**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	90.3		%	0.100	0.100	1	SM 2540G	11/16/2012 08:52	11/16/2012 08:52	ALD

## Sample Information

**Client Sample ID:** SB-2A

**York Sample ID:** 12K0400-02

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	0.60	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	0.11	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	0.85	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	0.28	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	0.65	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	0.43	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	0.35	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.40	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.46	8.6	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	0.61	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	0.58	8.6	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	0.47	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.2	8.6	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	0.34	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	0.37	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	0.43	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.35	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.38	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	0.50	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	0.55	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	0.62	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	11	43	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	0.40	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	0.76	8.6	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS

## Sample Information

**Client Sample ID:** SB-2A

**York Sample ID:** 12K0400-02

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	0.35	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	0.44	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
67-64-1	<b>Acetone</b>	<b>7.2</b>	J	ug/kg dry	5.7	8.6	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
71-43-2	Benzene	ND		ug/kg dry	0.42	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
108-86-1	Bromobenzene	ND		ug/kg dry	0.56	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	0.34	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	0.64	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
75-25-2	Bromoform	ND		ug/kg dry	0.41	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	0.96	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	0.42	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.42	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	0.48	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
67-66-3	Chloroform	ND		ug/kg dry	0.43	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	0.47	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	0.25	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.39	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	0.50	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	0.54	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	0.39	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.25	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.59	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.45	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.32	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
75-09-2	<b>Methylene chloride</b>	<b>0.80</b>	J	ug/kg dry	0.77	8.6	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
91-20-3	Naphthalene	ND		ug/kg dry	0.93	8.6	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.38	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	0.36	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	0.32	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	0.80	8.6	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.26	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	0.40	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
100-42-5	Styrene	ND		ug/kg dry	0.28	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	0.40	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	0.46	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
108-88-3	Toluene	ND		ug/kg dry	0.33	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS

## Sample Information

**Client Sample ID:** SB-2A

**York Sample ID:** 12K0400-02

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12K0400

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Webster III 2981 Webster Avenue

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Soil

Collection Date/Time  
November 12, 2012 3:00 pm

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11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	0.45	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	0.44	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	0.42	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	0.30	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	0.78	8.6	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	0.23	4.3	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	0.51	13	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 14:31	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	65.1	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	118	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	56.8	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	111	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	140	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	91.4	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	147	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	126	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	151	360	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	79.5	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	92.4	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	97.1	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	59.4	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	138	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	68.3	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	157	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.9	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	78.1	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	94.2	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	179	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	227	360	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	86.7	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	121	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.8	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR

## Sample Information

**Client Sample ID:** SB-2A

**York Sample ID:** 12K0400-02

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

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Soil

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November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	105	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	74.5	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	67.6	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
83-32-9	Acenaphthene	ND		ug/kg dry	65.1	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	86.3	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
62-53-3	Aniline	ND		ug/kg dry	103	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
120-12-7	Anthracene	ND		ug/kg dry	98.2	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>176</b>	J	ug/kg dry	67.3	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>181</b>		ug/kg dry	71.2	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>178</b>	J	ug/kg dry	151	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>122</b>	J	ug/kg dry	59.7	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	180	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	180	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	99.3	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	61.9	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	91.7	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	63.3	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	124	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
218-01-9	<b>Chrysene</b>	<b>191</b>		ug/kg dry	82.7	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	72.3	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	83.8	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	113	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	80.2	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	73.0	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	180	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
206-44-0	<b>Fluoranthene</b>	<b>256</b>		ug/kg dry	105	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
86-73-7	Fluorene	ND		ug/kg dry	86.3	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	106	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	60.8	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	134	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	51.4	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>119</b>	J	ug/kg dry	82.0	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
78-59-1	Isophorone	ND		ug/kg dry	61.9	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.2	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	52.9	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR

## Sample Information

**Client Sample ID:** SB-2A

**York Sample ID:** 12K0400-02

York Project (SDG) No.  
12K0400

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Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	73.7	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	60.1	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	81.3	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	136	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
85-01-8	<b>Phenanthrene</b>	<b>115</b>	J	ug/kg dry	93.9	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
108-95-2	Phenol	ND		ug/kg dry	77.7	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
129-00-0	<b>Pyrene</b>	<b>365</b>		ug/kg dry	73.4	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR
110-86-1	Pyridine	ND		ug/kg dry	126	180	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 16:44	SR

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.90	8.90	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW
8001-35-2	Toxaphene	ND		ug/kg dry	90.1	90.1	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:13	JW

## Sample Information

**Client Sample ID:** SB-2A

**York Sample ID:** 12K0400-02

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:22	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:22	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:22	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:22	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:22	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:22	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:22	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:22	JW

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	20100		mg/kg dry	1.10	2.16	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-36-0	Antimony	ND		mg/kg dry	0.237	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-38-2	Arsenic	3.08		mg/kg dry	0.367	1.08	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-39-3	Barium	241		mg/kg dry	0.140	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.108	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-70-2	Calcium	60600		mg/kg dry	0.043	5.40	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-47-3	Chromium	31.1		mg/kg dry	0.129	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-48-4	Cobalt	7.73		mg/kg dry	0.086	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-50-8	Copper	29.4		mg/kg dry	0.129	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7439-89-6	Iron	21900		mg/kg dry	0.701	2.16	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7439-92-1	Lead	82.7		mg/kg dry	0.183	0.324	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7439-95-4	Magnesium	27800		mg/kg dry	0.486	5.40	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7439-96-5	Manganese	714		mg/kg dry	0.119	1.08	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-02-0	Nickel	25.1		mg/kg dry	0.140	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-09-7	Potassium	4540		mg/kg dry	3.65	10.8	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7782-49-2	Selenium	4.47		mg/kg dry	0.540	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-22-4	Silver	ND		mg/kg dry	0.108	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-23-5	Sodium	667		mg/kg dry	5.69	10.8	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-28-0	Thallium	ND		mg/kg dry	0.345	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-62-2	Vanadium	45.3		mg/kg dry	0.119	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW
7440-66-6	Zinc	160		mg/kg dry	0.097	0.540	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 17:53	MW

## Sample Information

**Client Sample ID:** SB-2A

**York Sample ID:** 12K0400-02

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.101	0.108	1	EPA SW846-7471	11/15/2012 08:32	11/15/2012 15:45	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.7		%	0.100	0.100	1	SM 2540G	11/16/2012 08:52	11/16/2012 08:52	ALD

## Sample Information

**Client Sample ID:** SB-2B

**York Sample ID:** 12K0400-03

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	0.62	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	0.11	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	0.88	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	0.29	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	0.67	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	0.44	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	0.36	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.41	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.47	8.9	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	0.63	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	0.59	8.9	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	0.48	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.2	8.9	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	0.35	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	0.38	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	0.45	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.36	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.39	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	0.51	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	0.57	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS

## Sample Information

**Client Sample ID:** SB-2B

**York Sample ID:** 12K0400-03

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	0.64	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	12	44	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	0.41	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
78-93-3	2-Butanone	ND		ug/kg dry	0.78	8.9	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	0.36	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	0.45	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
67-64-1	Acetone	ND		ug/kg dry	5.9	8.9	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
71-43-2	Benzene	ND		ug/kg dry	0.44	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	0.58	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	0.35	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	0.66	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
75-25-2	Bromoform	ND		ug/kg dry	0.42	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
74-83-9	Bromomethane	ND		ug/kg dry	0.98	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	0.43	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.43	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	0.49	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
67-66-3	Chloroform	ND		ug/kg dry	0.45	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	0.49	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	0.26	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.40	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	0.51	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	0.56	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	0.41	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.26	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.60	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.47	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.33	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
75-09-2	<b>Methylene chloride</b>	<b>1.5</b>	J	ug/kg dry	0.80	8.9	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
91-20-3	<b>Naphthalene</b>	<b>2.2</b>	J	ug/kg dry	0.96	8.9	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.39	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	0.37	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	0.33	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	0.82	8.9	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.27	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	0.41	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS

## Sample Information

**Client Sample ID:** SB-2B

**York Sample ID:** 12K0400-03

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/kg dry	0.29	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	0.41	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	0.47	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
108-88-3	Toluene	ND		ug/kg dry	0.34	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	0.46	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	0.46	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	0.44	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	0.31	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	0.80	8.9	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	0.24	4.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	0.53	13	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 15:06	SS

**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	69.9	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	126	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	61.0	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	119	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	150	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	98.0	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	157	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	135	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	162	386	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	85.3	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	99.2	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	104	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	63.7	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	148	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	73.3	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	168	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	52.5	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	83.8	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	101	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	192	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR

## Sample Information

**Client Sample ID:** SB-2B

**York Sample ID:** 12K0400-03

York Project (SDG) No.  
12K0400

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Webster III 2981 Webster Avenue

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Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	243	386	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	93.0	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	130	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.2	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	113	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	79.9	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	72.6	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
83-32-9	Acenaphthene	ND		ug/kg dry	69.9	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	92.6	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
62-53-3	Aniline	ND		ug/kg dry	110	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
120-12-7	<b>Anthracene</b>	<b>152</b>	J	ug/kg dry	105	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>648</b>		ug/kg dry	72.2	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>565</b>		ug/kg dry	76.4	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>445</b>		ug/kg dry	162	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>147</b>	J	ug/kg dry	64.1	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>471</b>		ug/kg dry	193	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	193	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
85-68-7	<b>Benzyl butyl phthalate</b>	<b>489</b>		ug/kg dry	107	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	66.4	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	98.4	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.9	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>549</b>		ug/kg dry	133	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
218-01-9	<b>Chrysene</b>	<b>685</b>		ug/kg dry	88.8	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
53-70-3	<b>Dibenzo(a,h)anthracene</b>	<b>98.8</b>	J	ug/kg dry	77.6	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	89.9	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	121	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	86.1	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	78.4	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	193	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
206-44-0	<b>Fluoranthene</b>	<b>1100</b>		ug/kg dry	113	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
86-73-7	Fluorene	ND		ug/kg dry	92.6	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	114	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	65.2	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	144	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	55.2	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR

## Sample Information

**Client Sample ID:** SB-2B

**York Sample ID:** 12K0400-03

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November 12, 2012 3:00 pm

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11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	189	J	ug/kg dry	88.0	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
78-59-1	Isophorone	ND		ug/kg dry	66.4	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.5	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	56.7	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	79.1	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	64.5	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	87.2	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	146	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
85-01-8	Phenanthrene	786		ug/kg dry	101	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
108-95-2	Phenol	ND		ug/kg dry	83.4	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
129-00-0	Pyrene	1230		ug/kg dry	78.7	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR
110-86-1	Pyridine	ND		ug/kg dry	135	193	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:16	SR

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
72-55-9	4,4'-DDE	4.45		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
50-29-3	4,4'-DDT	18.5		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
309-00-2	Aldrin	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
60-57-1	Dieldrin	2.97		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
72-20-8	Endrin	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	1.91	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.55	9.55	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW

## Sample Information

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November 12, 2012 3:00 pm

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11/14/2012

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.7	96.7	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:28	JW

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0197	0.0197	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:51	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0197	0.0197	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:51	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0197	0.0197	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:51	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0197	0.0197	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:51	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0197	0.0197	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:51	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0197	0.0197	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:51	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0197	0.0197	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:51	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0197	0.0197	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 12:51	JW

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9570		mg/kg dry	1.18	2.32	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-36-0	Antimony	ND		mg/kg dry	0.255	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-38-2	Arsenic	3.61		mg/kg dry	0.394	1.16	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-39-3	Barium	673		mg/kg dry	0.151	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.116	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-70-2	Calcium	65000		mg/kg dry	0.046	5.79	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-47-3	Chromium	23.1		mg/kg dry	0.139	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-48-4	Cobalt	6.29		mg/kg dry	0.093	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-50-8	Copper	22.0		mg/kg dry	0.139	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7439-89-6	Iron	18500		mg/kg dry	0.753	2.32	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7439-92-1	Lead	214		mg/kg dry	0.197	0.347	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7439-95-4	Magnesium	12300		mg/kg dry	0.521	5.79	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7439-96-5	Manganese	261		mg/kg dry	0.127	1.16	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-02-0	Nickel	22.5		mg/kg dry	0.151	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-09-7	Potassium	1720		mg/kg dry	3.91	11.6	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7782-49-2	Selenium	3.51		mg/kg dry	0.579	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-22-4	Silver	ND		mg/kg dry	0.116	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-23-5	Sodium	561		mg/kg dry	6.10	11.6	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-28-0	Thallium	ND		mg/kg dry	0.371	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW

## Sample Information

**Client Sample ID:** SB-2B

**York Sample ID:** 12K0400-03

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	24.0		mg/kg dry	0.127	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW
7440-66-6	Zinc	385		mg/kg dry	0.104	0.579	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:02	MW

**Mercury by 7470/7471**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.109	0.116	1	EPA SW846-7471	11/15/2012 08:32	11/15/2012 15:45	AA

**Total Solids**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.4		%	0.100	0.100	1	SM 2540G	11/16/2012 08:52	11/16/2012 08:52	ALD

## Sample Information

**Client Sample ID:** SB-2/MW-1

**York Sample ID:** 12K0400-04

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS

## Sample Information

**Client Sample ID:** SB-2/MW-1

**York Sample ID:** 12K0400-04

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
123-91-1	1,4-Dioxane	ND		ug/L	11	50	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
67-66-3	<b>Chloroform</b>	<b>0.93</b>	J	ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS

## Sample Information

**Client Sample ID:** SB-2/MW-1

**York Sample ID:** 12K0400-04

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>1.7</b>	J	ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 14:42	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.99	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.02	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.16	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.68	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.32	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.12	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.29	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.94	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.73	12.1	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.95	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.95	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.67	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.17	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.35	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
95-48-7	2-Methylphenol	ND		ug/L	1.41	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR

## Sample Information

**Client Sample ID:** SB-2/MW-1

**York Sample ID:** 12K0400-04

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/L	2.04	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.86	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.36	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.54	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.04	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.96	12.1	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.61	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.29	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.61	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.97	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.25	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.01	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
83-32-9	Acenaphthene	ND		ug/L	2.15	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
208-96-8	Acenaphthylene	ND		ug/L	2.11	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
62-53-3	Aniline	ND		ug/L	1.82	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
120-12-7	Anthracene	ND		ug/L	1.44	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.59	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.58	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.71	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.07	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.22	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.76	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.03	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.15	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.82	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.62	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.79	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
218-01-9	Chrysene	ND		ug/L	1.78	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.89	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
132-64-9	Dibenzofuran	ND		ug/L	2.92	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
84-66-2	Diethyl phthalate	ND		ug/L	3.10	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.32	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.48	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.36	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
206-44-0	Fluoranthene	ND		ug/L	1.50	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR

## Sample Information

**Client Sample ID:** SB-2/MW-1

**York Sample ID:** 12K0400-04

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/L	2.22	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.54	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.38	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.07	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
67-72-1	Hexachloroethane	ND		ug/L	3.68	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.06	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
78-59-1	Isophorone	ND		ug/L	3.25	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
91-20-3	Naphthalene	ND		ug/L	2.41	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
98-95-3	Nitrobenzene	ND		ug/L	2.05	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.472	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.10	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	6.06	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.76	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
85-01-8	Phenanthrene	ND		ug/L	1.66	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
108-95-2	Phenol	ND		ug/L	1.33	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
129-00-0	Pyrene	ND		ug/L	2.10	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR
110-86-1	Pyridine	ND		ug/L	4.74	6.06	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:12	SR

**Pesticides, 8081 target list**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
50-29-3	<b>4,4'-DDT</b>	<b>0.00343</b>		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
60-57-1	<b>Dieldrin</b>	<b>0.00261</b>		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW

## Sample Information

**Client Sample ID:** SB-2/MW-1

**York Sample ID:** 12K0400-04

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:26	JW

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 17:51	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 17:51	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 17:51	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 17:51	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 17:51	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 17:51	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 17:51	JW
1336-36-3	Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 17:51	JW

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	<b>Aluminum</b>	<b>0.019</b>		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-39-3	<b>Barium</b>	<b>0.186</b>		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-70-2	<b>Calcium</b>	<b>73.5</b>		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7439-89-6	<b>Iron</b>	<b>0.054</b>		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7439-95-4	<b>Magnesium</b>	<b>17.3</b>		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW

## Sample Information

**Client Sample ID:** SB-2/MW-1

**York Sample ID:** 12K0400-04

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	0.013		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-09-7	Potassium	7.14		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-23-5	Sodium	92.9		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW
7440-66-6	Zinc	0.020		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:22	MW

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	11/15/2012 15:43	11/15/2012 15:43	AA

## Sample Information

**Client Sample ID:** SB-2/MW-1DUPLICATE

**York Sample ID:** 12K0400-05

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS

## Sample Information

**Client Sample ID:** SB-2/MW-1DUPLICATE

**York Sample ID:** 12K0400-05

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
123-91-1	1,4-Dioxane	ND		ug/L	11	50	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
67-66-3	<b>Chloroform</b>	<b>0.81</b>	J	ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS

## Sample Information

**Client Sample ID:** SB-2/MW-1DUPLICATE

**York Sample ID:** 12K0400-05

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>1.8</b>	J	ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:17	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.80	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.83	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	4.02	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.40	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.94	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.69	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.91	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.46	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.46	15.4	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.48	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.48	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.38	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR

## Sample Information

**Client Sample ID:** SB-2/MW-1DUPLICATE

**York Sample ID:** 12K0400-05

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/L	2.75	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	4.25	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
95-48-7	2-Methylphenol	ND		ug/L	1.78	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.58	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.63	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.72	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.95	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.58	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.49	15.4	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.05	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.91	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
106-47-8	4-Chloroaniline	ND		ug/L	4.58	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.77	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
100-01-6	4-Nitroaniline	ND		ug/L	4.12	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.55	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
83-32-9	Acenaphthene	ND		ug/L	2.72	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
208-96-8	Acenaphthylene	ND		ug/L	2.68	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
62-53-3	Aniline	ND		ug/L	2.31	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
120-12-7	Anthracene	ND		ug/L	1.83	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	2.02	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	2.00	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.17	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.63	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.82	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.23	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.31	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.72	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.31	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.60	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	7.35	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
218-01-9	Chrysene	ND		ug/L	2.26	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	2.40	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
132-64-9	Dibenzofuran	ND		ug/L	3.71	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
84-66-2	Diethyl phthalate	ND		ug/L	3.94	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.94	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR

## Sample Information

**Client Sample ID:** SB-2/MW-1DUPLICATE

**York Sample ID:** 12K0400-05

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	3.15	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.72	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
206-44-0	Fluoranthene	ND		ug/L	1.91	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
86-73-7	Fluorene	ND		ug/L	2.82	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.95	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	4.29	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.89	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
67-72-1	Hexachloroethane	ND		ug/L	4.68	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.62	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
78-59-1	Isophorone	ND		ug/L	4.12	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
91-20-3	Naphthalene	ND		ug/L	3.06	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
98-95-3	Nitrobenzene	ND		ug/L	2.60	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.598	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.94	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	7.69	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
87-86-5	Pentachlorophenol	ND		ug/L	2.23	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
85-01-8	Phenanthrene	ND		ug/L	2.11	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
108-95-2	Phenol	ND		ug/L	1.69	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
129-00-0	Pyrene	ND		ug/L	2.66	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR
110-86-1	Pyridine	ND		ug/L	6.02	7.69	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 16:45	SR

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
50-29-3	<b>4,4'-DDT</b>	<b>0.00273</b>		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
309-00-2	Aldrin	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
319-84-6	alpha-BHC	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
319-85-7	beta-BHC	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
319-86-8	delta-BHC	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
60-57-1	<b>Dieldrin</b>	<b>0.00202</b>		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
959-98-8	Endosulfan I	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW

## Sample Information

**Client Sample ID:** SB-2/MW-1DUPLICATE

**York Sample ID:** 12K0400-05

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
72-20-8	Endrin	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
76-44-8	Heptachlor	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00108	0.00108	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
72-43-5	Methoxychlor	ND		ug/L	0.00541	0.00541	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW
8001-35-2	Toxaphene	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:42	JW

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:11	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:11	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:11	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:11	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:11	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:11	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:11	JW
1336-36-3	Total PCBs	ND		ug/L	0.0541	0.0541	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:11	JW

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	0.066		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-39-3	Barium	0.185		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-70-2	Calcium	72.1		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW

## Sample Information

**Client Sample ID:** SB-2/MW-1DUPLICATE

**York Sample ID:** 12K0400-05

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.108		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7439-95-4	Magnesium	16.9		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7439-96-5	Manganese	0.017		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-09-7	Potassium	7.03		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-23-5	Sodium	91.1		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW
7440-66-6	Zinc	0.026		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:27	MW

**Mercury by 7470/7471**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	11/15/2012 15:43	11/15/2012 15:43	AA

## Sample Information

**Client Sample ID:** SB-3A

**York Sample ID:** 12K0400-06

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	0.77	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	0.14	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.1	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	0.36	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	0.83	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	0.55	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	0.45	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.51	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.59	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS

## Sample Information

**Client Sample ID:** SB-3A

**York Sample ID:** 12K0400-06

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	0.78	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	0.74	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	0.60	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.5	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	0.44	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	0.48	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	0.56	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.44	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.49	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	0.64	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	0.71	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	0.80	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	15	55	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	0.52	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
78-93-3	2-Butanone	ND		ug/kg dry	0.97	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	0.45	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	0.56	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
67-64-1	<b>Acetone</b>	<b>9.2</b>	J	ug/kg dry	7.3	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
71-43-2	Benzene	ND		ug/kg dry	0.54	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
108-86-1	Bromobenzene	ND		ug/kg dry	0.72	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	0.43	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	0.82	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
75-25-2	Bromoform	ND		ug/kg dry	0.52	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.2	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	0.54	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.54	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
75-00-3	Chloroethane	ND		ug/kg dry	0.61	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
67-66-3	Chloroform	ND		ug/kg dry	0.56	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
74-87-3	Chloromethane	ND		ug/kg dry	0.61	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	0.32	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.50	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	0.64	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
74-95-3	Dibromomethane	ND		ug/kg dry	0.70	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	0.51	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.32	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS

## Sample Information

**Client Sample ID:** SB-3A

**York Sample ID:** 12K0400-06

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.75	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.58	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.41	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.0	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.48	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	0.46	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
95-47-6	o-Xylene	ND		ug/kg dry	0.41	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.0	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.34	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	0.52	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
100-42-5	Styrene	ND		ug/kg dry	0.37	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	0.52	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	0.59	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
108-88-3	Toluene	ND		ug/kg dry	0.43	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	0.58	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	0.57	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	0.55	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	0.39	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	1.0	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	0.30	5.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	0.66	17	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:17	SS

## Sample Information

**Client Sample ID:** SB-3A

**York Sample ID:** 12K0400-06

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	324	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	586	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	283	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	552	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	695	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	455	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	731	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	627	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	752	1790	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	396	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	460	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	484	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	296	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	688	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	340	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	781	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	244	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	389	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	469	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	890	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1130	1790	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	432	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	604	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	233	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	525	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	371	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	337	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
83-32-9	<b>Acenaphthene</b>	<b>426</b>	J	ug/kg dry	324	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	430	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
62-53-3	Aniline	ND		ug/kg dry	512	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
120-12-7	<b>Anthracene</b>	<b>812</b>	J	ug/kg dry	489	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>1690</b>		ug/kg dry	335	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>1540</b>		ug/kg dry	355	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>1250</b>		ug/kg dry	751	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>457</b>	J	ug/kg dry	297	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR

## Sample Information

**Client Sample ID:** SB-3A

**York Sample ID:** 12K0400-06

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>1360</b>		ug/kg dry	896	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	896	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	494	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	308	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	457	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	315	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	618	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
218-01-9	<b>Chrysene</b>	<b>1580</b>		ug/kg dry	412	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	360	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	417	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	563	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	400	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	364	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	896	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
206-44-0	<b>Fluoranthene</b>	<b>2990</b>		ug/kg dry	525	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
86-73-7	Fluorene	ND		ug/kg dry	430	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	529	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	303	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	666	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	256	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>529</b>	J	ug/kg dry	408	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
78-59-1	Isophorone	ND		ug/kg dry	308	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
91-20-3	<b>Naphthalene</b>	<b>321</b>	J	ug/kg dry	220	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	263	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	367	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	299	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	405	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	675	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
85-01-8	<b>Phenanthrene</b>	<b>2540</b>		ug/kg dry	468	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
108-95-2	Phenol	ND		ug/kg dry	387	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
129-00-0	<b>Pyrene</b>	<b>3470</b>		ug/kg dry	365	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR
110-86-1	Pyridine	ND		ug/kg dry	629	896	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 17:48	SR

## Sample Information

**Client Sample ID:** SB-3A

**York Sample ID:** 12K0400-06

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
50-29-3	<b>4,4'-DDT</b>	<b>3.74</b>		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.87	8.87	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW
8001-35-2	Toxaphene	ND		ug/kg dry	89.8	89.8	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:43	JW

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:10	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:10	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:10	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:10	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:10	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:10	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:10	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:10	JW

## Sample Information

**Client Sample ID:** SB-3A

**York Sample ID:** 12K0400-06

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	15100		mg/kg dry	1.10	2.15	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-36-0	Antimony	ND		mg/kg dry	0.236	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-38-2	Arsenic	2.99		mg/kg dry	0.365	1.07	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-39-3	Barium	308		mg/kg dry	0.140	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-41-7	Beryllium	0.734		mg/kg dry	0.107	0.107	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.107	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-70-2	Calcium	67700		mg/kg dry	0.043	5.37	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-47-3	Chromium	20.4		mg/kg dry	0.129	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-48-4	Cobalt	5.51		mg/kg dry	0.086	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-50-8	Copper	31.0		mg/kg dry	0.129	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7439-89-6	Iron	11500		mg/kg dry	0.699	2.15	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7439-92-1	Lead	106		mg/kg dry	0.183	0.322	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7439-95-4	Magnesium	29800		mg/kg dry	0.484	5.37	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7439-96-5	Manganese	610		mg/kg dry	0.118	1.07	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-02-0	Nickel	18.8		mg/kg dry	0.140	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-09-7	Potassium	1710		mg/kg dry	3.63	10.7	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7782-49-2	Selenium	2.36		mg/kg dry	0.537	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-22-4	Silver	ND		mg/kg dry	0.107	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-23-5	Sodium	779		mg/kg dry	5.67	10.7	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-28-0	Thallium	ND		mg/kg dry	0.344	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-62-2	Vanadium	25.5		mg/kg dry	0.118	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW
7440-66-6	Zinc	221		mg/kg dry	0.097	0.537	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:10	MW

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.101	0.107	1	EPA SW846-7471	11/15/2012 08:32	11/15/2012 15:45	AA

## Sample Information

**Client Sample ID:** SB-3A

**York Sample ID:** 12K0400-06

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Total Solids**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	93.0		%	0.100	0.100	1	SM 2540G	11/16/2012 08:52	11/16/2012 08:52	ALD

## Sample Information

**Client Sample ID:** SB-3B

**York Sample ID:** 12K0400-07

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	0.75	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	0.14	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.1	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	0.35	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	0.81	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	0.54	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	0.44	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.49	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.57	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	0.76	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	0.72	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	0.58	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.4	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	0.42	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	0.46	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	0.54	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.43	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.48	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	0.62	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	0.69	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	0.77	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	14	54	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	0.50	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
78-93-3	2-Butanone	ND		ug/kg dry	0.94	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS

## Sample Information

**Client Sample ID:** SB-3B

**York Sample ID:** 12K0400-07

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	0.43	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	0.55	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
67-64-1	Acetone	ND		ug/kg dry	7.1	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
71-43-2	Benzene	ND		ug/kg dry	0.53	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
108-86-1	Bromobenzene	ND		ug/kg dry	0.70	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	0.42	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	0.79	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
75-25-2	Bromoform	ND		ug/kg dry	0.51	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.2	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	0.52	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.53	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
75-00-3	Chloroethane	ND		ug/kg dry	0.60	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
67-66-3	Chloroform	ND		ug/kg dry	0.54	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
74-87-3	Chloromethane	ND		ug/kg dry	0.59	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	0.31	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.49	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	0.62	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
74-95-3	Dibromomethane	ND		ug/kg dry	0.68	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	0.49	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.31	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.73	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.57	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.39	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
75-09-2	<b>Methylene chloride</b>	<b>1.3</b>	J	ug/kg dry	0.97	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.47	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	0.45	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
95-47-6	o-Xylene	ND		ug/kg dry	0.39	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.0	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.33	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	0.50	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
100-42-5	Styrene	ND		ug/kg dry	0.35	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	0.50	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	0.57	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
108-88-3	Toluene	ND		ug/kg dry	0.41	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS

## Sample Information

**Client Sample ID:** SB-3B

**York Sample ID:** 12K0400-07

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	0.56	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	0.55	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	0.53	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	0.38	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	0.97	11	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	0.29	5.4	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	0.64	16	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 16:52	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	364	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	658	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	318	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	620	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	781	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	511	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	821	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	704	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	845	2010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	445	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	517	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	543	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	332	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	773	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	382	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	877	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	274	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	437	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	527	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1000	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1270	2010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	485	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	678	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	262	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR

## Sample Information

**Client Sample ID:** SB-3B

**York Sample ID:** 12K0400-07

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	590	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	417	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	378	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
83-32-9	Acenaphthene	ND		ug/kg dry	364	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	483	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
62-53-3	Aniline	ND		ug/kg dry	576	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
120-12-7	<b>Anthracene</b>	<b>1110</b>		ug/kg dry	549	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>3770</b>		ug/kg dry	376	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>2800</b>		ug/kg dry	398	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>2040</b>		ug/kg dry	843	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>652</b>	J	ug/kg dry	334	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>2210</b>		ug/kg dry	1010	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1010	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	555	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	346	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	513	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	354	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	694	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
218-01-9	<b>Chrysene</b>	<b>3970</b>		ug/kg dry	463	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	404	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	469	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	632	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	449	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	409	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1010	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
206-44-0	<b>Fluoranthene</b>	<b>5230</b>		ug/kg dry	590	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
86-73-7	<b>Fluorene</b>	<b>610</b>	J	ug/kg dry	483	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	594	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	340	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	749	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	288	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>787</b>	J	ug/kg dry	459	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
78-59-1	Isophorone	ND		ug/kg dry	346	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
91-20-3	Naphthalene	ND		ug/kg dry	248	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	296	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR

## Sample Information

**Client Sample ID:** SB-3B

**York Sample ID:** 12K0400-07

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	413	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	336	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	455	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	759	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
85-01-8	<b>Phenanthrene</b>	<b>4900</b>		ug/kg dry	525	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
108-95-2	Phenol	ND		ug/kg dry	435	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
129-00-0	<b>Pyrene</b>	<b>8300</b>		ug/kg dry	411	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR
110-86-1	Pyridine	ND		ug/kg dry	706	1010	5	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:19	SR

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
72-55-9	<b>4,4'-DDE</b>	<b>2.65</b>		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
50-29-3	<b>4,4'-DDT</b>	<b>14.0</b>		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
309-00-2	Aldrin	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
60-57-1	<b>Dieldrin</b>	<b>7.00</b>		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
72-20-8	Endrin	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.99	1.99	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.96	9.96	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 18:58	JW

## Sample Information

**Client Sample ID:** SB-3B

**York Sample ID:** 12K0400-07

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Polychlorinated Biphenyls (PCB)**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:30	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:30	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:30	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:30	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:30	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:30	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:30	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0205	0.0205	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:30	JW

**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8900		mg/kg dry	1.23	2.41	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-36-0	Antimony	ND		mg/kg dry	0.266	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-38-2	Arsenic	6.54		mg/kg dry	0.411	1.21	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-39-3	Barium	822		mg/kg dry	0.157	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.121	0.121	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.121	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-70-2	Calcium	66900		mg/kg dry	0.048	6.04	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-47-3	Chromium	22.2		mg/kg dry	0.145	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-48-4	Cobalt	8.33		mg/kg dry	0.097	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-50-8	Copper	23.5		mg/kg dry	0.145	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7439-89-6	Iron	13400		mg/kg dry	0.785	2.41	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7439-92-1	Lead	309		mg/kg dry	0.205	0.362	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7439-95-4	Magnesium	5190		mg/kg dry	0.543	6.04	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7439-96-5	Manganese	233		mg/kg dry	0.133	1.21	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-02-0	Nickel	22.3		mg/kg dry	0.157	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-09-7	Potassium	2170		mg/kg dry	4.08	12.1	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7782-49-2	Selenium	4.57		mg/kg dry	0.604	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.121	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-23-5	Sodium	422		mg/kg dry	6.36	12.1	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-28-0	Thallium	ND		mg/kg dry	0.386	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-62-2	Vanadium	37.4		mg/kg dry	0.133	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW
7440-66-6	Zinc	964		mg/kg dry	0.109	0.604	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:19	MW

## Sample Information

**Client Sample ID:** SB-3B

**York Sample ID:** 12K0400-07

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.114	0.121	1	EPA SW846-7471	11/15/2012 08:32	11/15/2012 15:45	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	82.8		%	0.100	0.100	1	SM 2540G	11/16/2012 08:52	11/16/2012 08:52	ALD

## Sample Information

**Client Sample ID:** SB-3/MW-2

**York Sample ID:** 12K0400-08

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS

## Sample Information

**Client Sample ID:** SB-3/MW-2

**York Sample ID:** 12K0400-08

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
123-91-1	1,4-Dioxane	ND		ug/L	11	50	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
67-66-3	<b>Chloroform</b>	<b>1.1</b>	J	ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS

## Sample Information

**Client Sample ID:** SB-3/MW-2

**York Sample ID:** 12K0400-08

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>2.4</b>	J	ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 15:52	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	3.53	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	3.56	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.73	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.16	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.73	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.29	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	3.21	14.3	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.30	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.30	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.14	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.94	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
95-48-7	2-Methylphenol	ND		ug/L	1.66	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.40	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.37	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.60	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.81	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.40	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR

## Sample Information

**Client Sample ID:** SB-3/MW-2

**York Sample ID:** 12K0400-08

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.31	14.3	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.90	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
106-47-8	4-Chloroaniline	ND		ug/L	4.26	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.50	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.83	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.37	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
83-32-9	Acenaphthene	ND		ug/L	2.53	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
208-96-8	Acenaphthylene	ND		ug/L	2.49	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
62-53-3	Aniline	ND		ug/L	2.14	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
120-12-7	Anthracene	ND		ug/L	1.70	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.87	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.86	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.01	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.44	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.61	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.07	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.22	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.53	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.14	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.27	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	6.83	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
218-01-9	Chrysene	ND		ug/L	2.10	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	2.23	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
132-64-9	Dibenzofuran	ND		ug/L	3.44	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
84-66-2	Diethyl phthalate	ND		ug/L	3.66	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.73	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.93	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.60	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
206-44-0	Fluoranthene	ND		ug/L	1.77	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
86-73-7	Fluorene	ND		ug/L	2.61	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.81	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.99	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.61	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
67-72-1	Hexachloroethane	ND		ug/L	4.34	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR

## Sample Information

**Client Sample ID:** SB-3/MW-2

**York Sample ID:** 12K0400-08

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.43	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
78-59-1	Isophorone	ND		ug/L	3.83	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
91-20-3	Naphthalene	ND		ug/L	2.84	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
98-95-3	Nitrobenzene	ND		ug/L	2.41	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.66	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	7.14	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
87-86-5	Pentachlorophenol	ND		ug/L	2.07	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
85-01-8	Phenanthrene	ND		ug/L	1.96	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
108-95-2	Phenol	ND		ug/L	1.57	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
129-00-0	Pyrene	ND		ug/L	2.47	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR
110-86-1	Pyridine	ND		ug/L	5.59	7.14	1	EPA 8270C/625	11/15/2012 10:30	11/15/2012 17:18	SR

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
309-00-2	Aldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
319-84-6	alpha-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
319-85-7	beta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
319-86-8	delta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
60-57-1	Dieldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
959-98-8	Endosulfan I	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
72-20-8	Endrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
76-44-8	Heptachlor	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW

## Sample Information

**Client Sample ID:** SB-3/MW-2

**York Sample ID:** 12K0400-08

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Pesticides, 8081 target list**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-43-5	Methoxychlor	ND		ug/L	0.00526	0.00526	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW
8001-35-2	Toxaphene	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081	11/15/2012 10:35	11/16/2012 15:57	JW

**Polychlorinated Biphenyls (PCB)**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:31	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:31	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:31	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:31	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:31	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:31	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:31	JW
1336-36-3	Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/15/2012 10:35	11/15/2012 18:31	JW

**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-39-3	<b>Barium</b>	<b>0.191</b>		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-70-2	<b>Calcium</b>	<b>60.8</b>		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7439-89-6	<b>Iron</b>	<b>0.055</b>		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7439-95-4	<b>Magnesium</b>	<b>17.4</b>		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7439-96-5	<b>Manganese</b>	<b>0.203</b>		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-09-7	<b>Potassium</b>	<b>6.60</b>		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW

## Sample Information

**Client Sample ID:** SB-3/MW-2

**York Sample ID:** 12K0400-08

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	101		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW
7440-66-6	Zinc	0.023		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	11/15/2012 16:15	11/15/2012 21:33	MW

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	11/15/2012 15:43	11/15/2012 15:43	AA

## Sample Information

**Client Sample ID:** SB-4A

**York Sample ID:** 12K0400-09

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	0.59	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	0.11	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	0.84	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	0.28	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	0.64	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	0.42	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	0.35	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.39	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.45	8.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	0.60	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	0.57	8.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	0.46	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.1	8.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	0.33	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	0.37	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	0.43	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.34	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS

## Sample Information

**Client Sample ID:** SB-4A

**York Sample ID:** 12K0400-09

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.38	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	0.49	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	0.54	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	0.61	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	11	42	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	0.40	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
78-93-3	2-Butanone	ND		ug/kg dry	0.75	8.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	0.34	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	0.43	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
67-64-1	Acetone	ND		ug/kg dry	5.6	8.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
71-43-2	Benzene	ND		ug/kg dry	0.42	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
108-86-1	Bromobenzene	ND		ug/kg dry	0.55	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	0.33	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	0.63	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
75-25-2	Bromoform	ND		ug/kg dry	0.40	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
74-83-9	Bromomethane	ND		ug/kg dry	0.94	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	0.41	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.42	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
75-00-3	Chloroethane	ND		ug/kg dry	0.47	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
67-66-3	Chloroform	ND		ug/kg dry	0.43	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
74-87-3	Chloromethane	ND		ug/kg dry	0.47	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	0.25	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.39	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	0.49	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
74-95-3	Dibromomethane	ND		ug/kg dry	0.54	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	0.39	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.25	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.58	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.45	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.31	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
75-09-2	Methylene chloride	ND		ug/kg dry	0.76	8.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
91-20-3	Naphthalene	ND		ug/kg dry	0.92	8.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.37	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	0.35	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
95-47-6	o-Xylene	ND		ug/kg dry	0.31	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS

## Sample Information

**Client Sample ID:** SB-4A

**York Sample ID:** 12K0400-09

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	0.79	8.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.26	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	0.40	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
100-42-5	Styrene	ND		ug/kg dry	0.28	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	0.40	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	0.45	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
108-88-3	Toluene	ND		ug/kg dry	0.33	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	0.44	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	0.44	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	0.42	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	0.30	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	0.77	8.5	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	0.23	4.2	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	0.50	13	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 17:27	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	61.6	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	111	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	53.8	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	105	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	132	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	86.5	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	139	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	119	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	143	340	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	75.2	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	87.5	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	91.9	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	56.2	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	131	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	64.7	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	148	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.3	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR

## Sample Information

**Client Sample ID:** SB-4A

**York Sample ID:** 12K0400-09

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	73.9	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	89.2	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	169	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	214	340	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	82.0	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	115	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.3	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	99.7	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	70.5	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	64.0	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
83-32-9	Acenaphthene	ND		ug/kg dry	61.6	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	81.7	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
62-53-3	Aniline	ND		ug/kg dry	97.4	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
120-12-7	Anthracene	ND		ug/kg dry	92.9	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>171</b>		ug/kg dry	63.7	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>174</b>		ug/kg dry	67.4	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	143	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>58.2</b>	J	ug/kg dry	56.5	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	170	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	170	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	94.0	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	58.6	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	86.8	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	59.9	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	117	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
218-01-9	<b>Chrysene</b>	<b>170</b>	J	ug/kg dry	78.3	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	68.4	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	79.3	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	107	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	75.9	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	69.1	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	170	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
206-44-0	<b>Fluoranthene</b>	<b>276</b>		ug/kg dry	99.7	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
86-73-7	Fluorene	ND		ug/kg dry	81.7	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	100	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR

## Sample Information

**Client Sample ID:** SB-4A

**York Sample ID:** 12K0400-09

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	57.5	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	127	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.7	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	77.6	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
78-59-1	Isophorone	ND		ug/kg dry	58.6	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
91-20-3	Naphthalene	ND		ug/kg dry	41.9	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.0	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	69.8	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	56.9	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	76.9	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	128	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
85-01-8	<b>Phenanthrene</b>	<b>162</b>	J	ug/kg dry	88.9	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
108-95-2	Phenol	ND		ug/kg dry	73.5	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
129-00-0	<b>Pyrene</b>	<b>305</b>		ug/kg dry	69.4	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR
110-86-1	Pyridine	ND		ug/kg dry	119	170	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 18:51	SR

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
309-00-2	Aldrin	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
72-20-8	Endrin	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW

## Sample Information

**Client Sample ID:** SB-4A

**York Sample ID:** 12K0400-09

York Project (SDG) No.  
12K0400

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Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Pesticides, 8081 target list**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.69	1.69	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.43	8.43	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW
8001-35-2	Toxaphene	ND		ug/kg dry	85.3	85.3	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:13	JW

**Polychlorinated Biphenyls (PCB)**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	0.0174	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:50	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	0.0174	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:50	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	0.0174	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:50	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	0.0174	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:50	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	0.0174	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:50	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	0.0174	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:50	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	0.0174	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:50	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0174	0.0174	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 13:50	JW

**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7440		mg/kg dry	1.04	2.04	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-36-0	Antimony	ND		mg/kg dry	0.225	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-38-2	Arsenic	2.34		mg/kg dry	0.347	1.02	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-39-3	Barium	219		mg/kg dry	0.133	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.102	0.102	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.102	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-70-2	Calcium	23700		mg/kg dry	0.041	5.11	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-47-3	Chromium	20.7		mg/kg dry	0.123	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-48-4	Cobalt	6.22		mg/kg dry	0.082	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-50-8	Copper	29.3		mg/kg dry	0.123	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7439-89-6	Iron	12100		mg/kg dry	0.664	2.04	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7439-92-1	Lead	45.8		mg/kg dry	0.174	0.306	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7439-95-4	Magnesium	10200		mg/kg dry	0.460	5.11	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7439-96-5	Manganese	244		mg/kg dry	0.112	1.02	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-02-0	Nickel	20.7		mg/kg dry	0.133	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-09-7	Potassium	2030		mg/kg dry	3.45	10.2	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW

## Sample Information

**Client Sample ID:** SB-4A

**York Sample ID:** 12K0400-09

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	2.68		mg/kg dry	0.511	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-22-4	Silver	ND		mg/kg dry	0.102	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-23-5	Sodium	374		mg/kg dry	5.38	10.2	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-28-0	Thallium	ND		mg/kg dry	0.327	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-62-2	Vanadium	25.3		mg/kg dry	0.112	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW
7440-66-6	Zinc	123		mg/kg dry	0.092	0.511	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:27	MW

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0960	0.102	1	EPA SW846-7471	11/15/2012 08:32	11/15/2012 15:45	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	97.9		%	0.100	0.100	1	SM 2540G	11/16/2012 08:52	11/16/2012 08:52	ALD

## Sample Information

**Client Sample ID:** SB-4A DUPLICATE

**York Sample ID:** 12K0400-10

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	0.85	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	0.16	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.2	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	0.40	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	0.92	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	0.61	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	0.50	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.56	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.65	12	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	0.87	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	0.82	12	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS

## Sample Information

**Client Sample ID:** SB-4A DUPLICATE

**York Sample ID:** 12K0400-10

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	0.67	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.6	12	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	0.48	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	0.53	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	0.62	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.49	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.55	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	0.71	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	0.79	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	0.88	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	16	61	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	0.57	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.1	12	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	0.49	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	0.62	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
67-64-1	Acetone	ND		ug/kg dry	8.1	12	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
71-43-2	Benzene	ND		ug/kg dry	0.60	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
108-86-1	Bromobenzene	ND		ug/kg dry	0.80	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	0.48	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	0.91	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
75-25-2	Bromoform	ND		ug/kg dry	0.58	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.4	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	0.60	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.60	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	0.68	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
67-66-3	Chloroform	ND		ug/kg dry	0.62	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
74-87-3	Chloromethane	ND		ug/kg dry	0.67	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	0.36	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.56	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	0.71	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
74-95-3	Dibromomethane	ND		ug/kg dry	0.77	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	0.56	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.36	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.83	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.65	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS

## Sample Information

**Client Sample ID:** SB-4A DUPLICATE

**York Sample ID:** 12K0400-10

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.45	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.1	12	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.3	12	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.54	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	0.51	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
95-47-6	o-Xylene	ND		ug/kg dry	0.45	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	1.1	12	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.37	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	0.57	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
100-42-5	Styrene	ND		ug/kg dry	0.41	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	0.57	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	0.66	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
108-88-3	Toluene	ND		ug/kg dry	0.47	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	0.64	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	0.63	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	0.60	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	0.43	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	1.1	12	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	0.33	6.1	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	0.73	18	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:02	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	64.9	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	117	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	56.7	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	110	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	139	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	91.1	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	146	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	125	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	151	359	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	79.2	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	92.1	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR

## Sample Information

**Client Sample ID:** SB-4A DUPLICATE

**York Sample ID:** 12K0400-10

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	96.8	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	59.2	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	138	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	68.1	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	156	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.8	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	77.8	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	93.9	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	178	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	226	359	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	86.4	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	121	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	105	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	74.2	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	67.4	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
83-32-9	Acenaphthene	ND		ug/kg dry	64.9	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	86.1	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
62-53-3	Aniline	ND		ug/kg dry	103	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
120-12-7	Anthracene	ND		ug/kg dry	97.9	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>343</b>		ug/kg dry	67.0	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>349</b>		ug/kg dry	71.0	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>271</b>		ug/kg dry	150	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
191-24-2	<b>Benzo(g,h,i)perylene</b>	<b>85.0</b>	J	ug/kg dry	59.5	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>336</b>		ug/kg dry	179	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	179	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	99.0	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	61.7	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	91.4	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	63.1	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	124	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
218-01-9	<b>Chrysene</b>	<b>348</b>		ug/kg dry	82.5	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	72.1	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	83.5	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	113	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR

## Sample Information

**Client Sample ID:** SB-4A DUPLICATE

**York Sample ID:** 12K0400-10

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	80.0	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	72.8	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	179	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
206-44-0	<b>Fluoranthene</b>	<b>515</b>		ug/kg dry	105	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
86-73-7	Fluorene	ND		ug/kg dry	86.1	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	106	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	60.6	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	133	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	51.3	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
193-39-5	<b>Indeno(1,2,3-cd)pyrene</b>	<b>117</b>	J	ug/kg dry	81.8	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
78-59-1	Isophorone	ND		ug/kg dry	61.7	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.1	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	52.7	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	73.5	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	59.9	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	81.0	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	135	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
85-01-8	<b>Phenanthrene</b>	<b>307</b>		ug/kg dry	93.6	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
108-95-2	Phenol	ND		ug/kg dry	77.4	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
129-00-0	<b>Pyrene</b>	<b>628</b>		ug/kg dry	73.1	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR
110-86-1	Pyridine	ND		ug/kg dry	126	179	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:23	SR

## Sample Information

**Client Sample ID:** SB-4A DUPLICATE

**York Sample ID:** 12K0400-10

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
50-29-3	<b>4,4'-DDT</b>	<b>2.37</b>		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.87	8.87	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW
8001-35-2	Toxaphene	ND		ug/kg dry	89.8	89.8	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:28	JW

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:07	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:07	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:07	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:07	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:07	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:07	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:07	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0183	0.0183	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:07	JW

## Sample Information

**Client Sample ID:** SB-4A DUPLICATE

**York Sample ID:** 12K0400-10

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8420		mg/kg dry	1.10	2.15	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-36-0	Antimony	ND		mg/kg dry	0.237	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-38-2	Arsenic	2.66		mg/kg dry	0.366	1.08	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-39-3	Barium	245		mg/kg dry	0.140	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.108	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-70-2	Calcium	18800		mg/kg dry	0.043	5.38	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-47-3	Chromium	25.6		mg/kg dry	0.129	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-48-4	Cobalt	7.40		mg/kg dry	0.086	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-50-8	Copper	29.6		mg/kg dry	0.129	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7439-89-6	Iron	14500		mg/kg dry	0.699	2.15	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7439-92-1	Lead	58.4		mg/kg dry	0.183	0.323	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7439-95-4	Magnesium	6490		mg/kg dry	0.484	5.38	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7439-96-5	Manganese	240		mg/kg dry	0.118	1.08	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-02-0	Nickel	25.6		mg/kg dry	0.140	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-09-7	Potassium	1880		mg/kg dry	3.64	10.8	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7782-49-2	Selenium	3.21		mg/kg dry	0.538	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-22-4	Silver	ND		mg/kg dry	0.108	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-23-5	Sodium	413		mg/kg dry	5.67	10.8	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-28-0	Thallium	ND		mg/kg dry	0.344	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-62-2	Vanadium	33.2		mg/kg dry	0.118	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW
7440-66-6	Zinc	149		mg/kg dry	0.097	0.538	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:32	MW

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.101	0.108	1	EPA SW846-7471	11/15/2012 08:32	11/15/2012 15:45	AA

## Sample Information

**Client Sample ID:** SB-4A DUPLICATE

**York Sample ID:** 12K0400-10

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Total Solids**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	93.0		%	0.100	0.100	1	SM 2540G	11/16/2012 08:52	11/16/2012 08:52	ALD

## Sample Information

**Client Sample ID:** SB-4B

**York Sample ID:** 12K0400-11

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	0.70	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	0.13	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.0	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	0.33	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	0.76	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	0.50	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	0.41	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	0.46	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	0.54	10	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	0.71	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	0.67	10	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	0.55	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.3	10	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	0.40	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	0.43	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	0.51	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	0.40	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	0.45	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	0.58	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	0.64	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	0.72	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	13	50	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	0.47	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
78-93-3	2-Butanone	ND		ug/kg dry	0.88	10	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS

## Sample Information

**Client Sample ID:** SB-4B

**York Sample ID:** 12K0400-11

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-49-8	2-Chlorotoluene	ND		ug/kg dry	0.41	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	0.51	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
67-64-1	Acetone	ND		ug/kg dry	6.6	10	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
71-43-2	Benzene	ND		ug/kg dry	0.49	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
108-86-1	Bromobenzene	ND		ug/kg dry	0.65	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	0.39	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	0.75	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
75-25-2	Bromoform	ND		ug/kg dry	0.47	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.1	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	0.49	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	0.49	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
75-00-3	Chloroethane	ND		ug/kg dry	0.56	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
67-66-3	Chloroform	ND		ug/kg dry	0.51	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
74-87-3	Chloromethane	ND		ug/kg dry	0.55	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	0.29	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	0.46	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	0.58	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
74-95-3	Dibromomethane	ND		ug/kg dry	0.63	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	0.46	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	0.29	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	0.68	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	0.53	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	0.37	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
75-09-2	Methylene chloride	ND		ug/kg dry	0.90	10	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.1	10	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	0.44	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	0.42	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
95-47-6	o-Xylene	ND		ug/kg dry	0.37	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/kg dry	0.94	10	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	0.31	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	0.47	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
100-42-5	Styrene	ND		ug/kg dry	0.33	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	0.47	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	0.54	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
108-88-3	Toluene	ND		ug/kg dry	0.39	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS

## Sample Information

**Client Sample ID:** SB-4B

**York Sample ID:** 12K0400-11

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5035B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	0.52	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	0.52	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	0.50	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	0.36	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	0.91	10	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	0.27	5.0	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	0.60	15	1	EPA SW846-8260B	11/16/2012 08:20	11/16/2012 18:37	SS

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	66.6	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	120	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	58.1	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	113	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	143	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	93.5	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	150	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	129	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	155	368	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	81.3	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	94.6	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	99.4	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	60.7	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	141	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	69.9	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	160	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.0	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
100-01-6	3- & 4-Methylphenols	ND		ug/kg dry	79.9	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	96.4	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	183	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	232	368	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	88.7	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	124	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.8	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR

## Sample Information

**Client Sample ID:** SB-4B

**York Sample ID:** 12K0400-11

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Soil

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	108	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	76.2	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	69.2	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
83-32-9	Acenaphthene	ND		ug/kg dry	66.6	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	88.3	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
62-53-3	Aniline	ND		ug/kg dry	105	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
120-12-7	Anthracene	ND		ug/kg dry	100	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
56-55-3	<b>Benzo(a)anthracene</b>	<b>303</b>		ug/kg dry	68.8	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
50-32-8	<b>Benzo(a)pyrene</b>	<b>255</b>		ug/kg dry	72.9	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
205-99-2	<b>Benzo(b)fluoranthene</b>	<b>197</b>		ug/kg dry	154	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	61.1	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
207-08-9	<b>Benzo(k)fluoranthene</b>	<b>202</b>		ug/kg dry	184	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	184	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	102	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	63.3	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	93.8	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	64.8	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	127	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
218-01-9	<b>Chrysene</b>	<b>339</b>		ug/kg dry	84.6	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	74.0	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	85.7	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	116	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	82.1	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	74.7	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	184	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
206-44-0	<b>Fluoranthene</b>	<b>432</b>		ug/kg dry	108	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
86-73-7	Fluorene	ND		ug/kg dry	88.3	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	109	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	62.2	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	137	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	52.6	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	83.9	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
78-59-1	Isophorone	ND		ug/kg dry	63.3	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.3	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	54.1	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR

## Sample Information

**Client Sample ID:** SB-4B

**York Sample ID:** 12K0400-11

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November 12, 2012 3:00 pm

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11/14/2012

**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	75.4	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	61.5	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	83.2	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	139	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
85-01-8	<b>Phenanthrene</b>	<b>301</b>		ug/kg dry	96.0	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
108-95-2	Phenol	ND		ug/kg dry	79.5	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
129-00-0	<b>Pyrene</b>	<b>595</b>		ug/kg dry	75.1	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR
110-86-1	Pyridine	ND		ug/kg dry	129	184	1	EPA SW-846 8270C	11/15/2012 16:48	11/16/2012 19:55	SR

**Pesticides, 8081 target list**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
50-29-3	<b>4,4'-DDT</b>	<b>7.34</b>		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
5103-74-2	gamma-Chlordane	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.11	9.11	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW
8001-35-2	Toxaphene	ND		ug/kg dry	92.2	92.2	5	EPA SW 846-8081	11/16/2012 07:23	11/16/2012 19:43	JW

## Sample Information

**Client Sample ID:** SB-4B

**York Sample ID:** 12K0400-11

York Project (SDG) No.  
12K0400

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Webster III 2981 Webster Avenue

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Soil

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11/14/2012

**Polychlorinated Biphenyls (PCB)**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:26	JW
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:26	JW
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:26	JW
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:26	JW
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:26	JW
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:26	JW
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:26	JW
1336-36-3	Total PCBs	ND		mg/kg dry	0.0188	0.0188	1	EPA SW 846-8082	11/16/2012 07:23	11/16/2012 15:26	JW

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	8710		mg/kg dry	1.13	2.21	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-36-0	Antimony	ND		mg/kg dry	0.243	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-38-2	Arsenic	3.10		mg/kg dry	0.375	1.10	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-39-3	Barium	490		mg/kg dry	0.144	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.110	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-70-2	Calcium	24600		mg/kg dry	0.044	5.52	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-47-3	Chromium	24.1		mg/kg dry	0.132	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-48-4	Cobalt	8.00		mg/kg dry	0.088	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-50-8	Copper	27.2		mg/kg dry	0.132	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7439-89-6	Iron	15100		mg/kg dry	0.718	2.21	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7439-92-1	Lead	152		mg/kg dry	0.188	0.331	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7439-95-4	Magnesium	5850		mg/kg dry	0.497	5.52	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7439-96-5	Manganese	278		mg/kg dry	0.121	1.10	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-02-0	Nickel	24.1		mg/kg dry	0.144	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-09-7	Potassium	2590		mg/kg dry	3.73	11.0	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7782-49-2	Selenium	2.84		mg/kg dry	0.552	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-22-4	Silver	ND		mg/kg dry	0.110	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-23-5	Sodium	423		mg/kg dry	5.82	11.0	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-28-0	Thallium	ND		mg/kg dry	0.353	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-62-2	Vanadium	33.6		mg/kg dry	0.121	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW
7440-66-6	Zinc	158		mg/kg dry	0.099	0.552	1	EPA SW846-6010B	11/15/2012 16:11	11/15/2012 18:37	MW

## Sample Information

**Client Sample ID:** SB-4B

**York Sample ID:** 12K0400-11

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Soil	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.104	0.110	1	EPA SW846-7471	11/15/2012 08:32	11/15/2012 15:45	AA

**Total Solids**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	90.6		%	0.100	0.100	1	SM 2540G	11/16/2012 08:52	11/16/2012 08:52	ALD

## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 12K0400-12

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS

## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 12K0400-12

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Drinking Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
123-91-1	1,4-Dioxane	ND		ug/L	11	50	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS

## Sample Information

**Client Sample ID:** Trip Blank

**York Sample ID:** 12K0400-12

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Drinking Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA 8260B/624	11/15/2012 09:17	11/15/2012 16:27	SS

## Sample Information

**Client Sample ID:** SB-4/MW-3

**York Sample ID:** 12K0400-13

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.32	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.26	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.99	10	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.73	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS

## Sample Information

**Client Sample ID:** SB-4/MW-3

**York Sample ID:** 12K0400-13

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.40	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.47	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.55	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.62	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
123-91-1	1,4-Dioxane	ND		ug/L	11	50	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.42	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.31	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
108-86-1	Bromobenzene	ND		ug/L	1.0	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
67-66-3	<b>Chloroform</b>	<b>2.0</b>	J	ug/L	0.42	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.58	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
75-09-2	Methylene chloride	ND		ug/L	2.4	10	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
91-20-3	<b>Naphthalene</b>	<b>1.2</b>	J	ug/L	1.2	10	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS

## Sample Information

**Client Sample ID:** SB-4/MW-3

**York Sample ID:** 12K0400-13

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, 8260 List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.34	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
127-18-4	<b>Tetrachloroethylene</b>	<b>3.0</b>	J	ug/L	0.41	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
108-05-4	Vinyl acetate	ND		ug/L	0.73	10	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA 8260B/624	11/19/2012 16:07	11/20/2012 01:20	SS

**Semi-Volatiles, 8270 Target List**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.01	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.84	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.99	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.68	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.37	10.5	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
95-57-8	2-Chlorophenol	ND		ug/L	1.88	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR

## Sample Information

**Client Sample ID:** SB-4/MW-3

**York Sample ID:** 12K0400-13

<u>York Project (SDG) No.</u> 12K0400	<u>Client Project ID</u> Webster III 2981 Webster Avenue	<u>Matrix</u> Water	<u>Collection Date/Time</u> November 12, 2012 3:00 pm	<u>Date Received</u> 11/14/2012
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**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	1.22	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.48	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
100-01-6	3- & 4-Methylphenols	ND		ug/L	1.18	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.71	10.5	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.99	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
100-02-7	4-Nitrophenol	ND		ug/L	1.75	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
83-32-9	Acenaphthene	ND		ug/L	1.86	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
208-96-8	Acenaphthylene	ND		ug/L	1.83	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
120-12-7	Anthracene	ND		ug/L	1.25	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	1.38	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	1.37	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.48	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.80	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.93	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
100-51-6	Benzyl alcohol	ND		ug/L	1.53	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	5.03	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
218-01-9	Chrysene	ND		ug/L	1.55	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.64	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR

## Sample Information

**Client Sample ID:** SB-4/MW-3

**York Sample ID:** 12K0400-13

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Semi-Volatiles, 8270 Target List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	1.31	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
86-73-7	Fluorene	ND		ug/L	1.93	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
118-74-1	Hexachlorobenzene	ND		ug/L	1.34	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.94	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
67-72-1	Hexachloroethane	ND		ug/L	3.20	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.79	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
91-20-3	Naphthalene	ND		ug/L	2.09	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
98-95-3	Nitrobenzene	ND		ug/L	1.78	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.409	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.69	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.26	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
87-86-5	Pentachlorophenol	ND		ug/L	1.53	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
85-01-8	Phenanthrene	ND		ug/L	1.44	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
108-95-2	Phenol	ND		ug/L	1.16	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
129-00-0	Pyrene	ND		ug/L	1.82	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR
110-86-1	Pyridine	ND		ug/L	4.12	5.26	1	EPA 8270C/625	11/16/2012 10:21	11/19/2012 23:41	SR

**Pesticides, 8081 target list**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
309-00-2	Aldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
319-84-6	alpha-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
5103-71-9	alpha-Chlordane	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
319-85-7	beta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
319-86-8	delta-BHC	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
60-57-1	Dieldrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
959-98-8	Endosulfan I	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
72-20-8	Endrin	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW

## Sample Information

**Client Sample ID:** SB-4/MW-3

**York Sample ID:** 12K0400-13

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Pesticides, 8081 target list**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
5103-74-2	gamma-Chlordane	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
76-44-8	Heptachlor	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00105	0.00105	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
72-43-5	Methoxychlor	ND		ug/L	0.00526	0.00526	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW
8001-35-2	Toxaphene	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8081	11/19/2012 08:36	11/21/2012 13:23	JW

**Polychlorinated Biphenyls (PCB)**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/19/2012 08:36	11/19/2012 15:12	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/19/2012 08:36	11/19/2012 15:12	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/19/2012 08:36	11/19/2012 15:12	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/19/2012 08:36	11/19/2012 15:12	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/19/2012 08:36	11/19/2012 15:12	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/19/2012 08:36	11/19/2012 15:12	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/19/2012 08:36	11/19/2012 15:12	JW
1336-36-3	Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA SW 846-8082	11/19/2012 08:36	11/19/2012 15:12	JW

**Metals, Target Analyte**

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.010	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-39-3	<b>Barium</b>	<b>0.198</b>		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-70-2	<b>Calcium</b>	<b>61.6</b>		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7439-89-6	Iron	ND		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW

**Sample Information**

**Client Sample ID:** SB-4/MW-3

**York Sample ID:** 12K0400-13

York Project (SDG) No.  
12K0400

Client Project ID  
Webster III 2981 Webster Avenue

Matrix  
Water

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Metals, Target Analyte**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	<b>Magnesium</b>	<b>17.3</b>		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7439-96-5	<b>Manganese</b>	<b>0.007</b>		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-02-0	Nickel	ND		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-09-7	<b>Potassium</b>	<b>6.23</b>		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-23-5	<b>Sodium</b>	<b>99.8</b>		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW
7440-66-6	<b>Zinc</b>	<b>0.022</b>		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	11/16/2012 14:07	11/16/2012 17:35	MW

**Mercury by 7470/7471**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00004	0.0002	1	EPA SW846-7470/EPA 245.1	11/20/2012 15:43	11/20/2012 15:43	AA

## Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
12K0400-01	SB-1	40mL Vial with Stir Bar-Cool 4° C
12K0400-02	SB-2A	40mL Vial with Stir Bar-Cool 4° C
12K0400-03	SB-2B	40mL Vial with Stir Bar-Cool 4° C
12K0400-04	SB-2/MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0400-05	SB-2/MW-1DUPLICATE	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0400-06	SB-3A	40mL Vial with Stir Bar-Cool 4° C
12K0400-07	SB-3B	40mL Vial with Stir Bar-Cool 4° C
12K0400-08	SB-3/MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0400-09	SB-4A	40mL Vial with Stir Bar-Cool 4° C
12K0400-10	SB-4A DUPLICATE	40mL Vial with Stir Bar-Cool 4° C
12K0400-11	SB-4B	40mL Vial with Stir Bar-Cool 4° C
12K0400-12	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
12K0400-13	SB-4/MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

### Notes and Definitions

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.
<hr/>	
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

# YORK

ANALYTICAL LABORATORIES, INC.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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ANALYTICAL LABORATORIES, INC.  
120 RESEARCH DR. STRATFORD, CT 06615  
(203) 325-1371 FAX (203) 357-0166

# Field Chain-of-Custody Record

York Project No. 12K0400

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

<b>YOUR Information</b> Company: <u>DT Consulting services Inc</u> Address: _____ Phone No. _____ Contact Person: <u>Deborah Thompson</u> E-Mail Address: _____		<b>Report To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>YOUR Project ID</b> <u>Webster III</u> <u>2981 Webster Avenue</u> Purchase Order No. _____		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> Standard(5-7 Days) <input checked="" type="checkbox"/>		<b>Report Type</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> CTRCP DQA/DUE Pkg <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B Package <input type="checkbox"/> NJDEP Red. Deliv. <input type="checkbox"/> Electronic Data Deliverables (EDD) <input type="checkbox"/>			
<b>Invoice To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>Semi-Volatiles</b> STARS list <input checked="" type="checkbox"/> BN Only <input type="checkbox"/> Acids Only <input type="checkbox"/> PAH list <input type="checkbox"/> TAGM list <input type="checkbox"/> CT RCP list <input type="checkbox"/> TCL list <input type="checkbox"/> TAGM list <input type="checkbox"/> Arom. only <input type="checkbox"/> Halog. only <input type="checkbox"/> App. IX <input type="checkbox"/> TCLP BNA <input type="checkbox"/> SPLP or TCLP <input type="checkbox"/> 608 PCB <input type="checkbox"/> 608 PCB <input type="checkbox"/>		<b>Metals</b> RCKR8 <input type="checkbox"/> PP13 list <input type="checkbox"/> TAL <input type="checkbox"/> CT RCP <input type="checkbox"/> TAGM list <input type="checkbox"/> NJDEP list <input type="checkbox"/> Total <input type="checkbox"/> Dissolved <input type="checkbox"/> SPLP or TCLP <input type="checkbox"/> Air VPH <input type="checkbox"/> Inds. Metals <input type="checkbox"/> LIST Below <input type="checkbox"/>		<b>Volatiles</b> TICs <input type="checkbox"/> Site Spec. <input type="checkbox"/> Nassau Co. <input type="checkbox"/> Suffolk Co. <input type="checkbox"/> Ketones <input type="checkbox"/> Oxygenates <input type="checkbox"/> TCL list <input type="checkbox"/> TAGM list <input type="checkbox"/> CT RCP list <input type="checkbox"/> Arom. only <input type="checkbox"/> Halog. only <input type="checkbox"/> App. IX <input type="checkbox"/> SPLP or TCLP <input type="checkbox"/> 802/B list <input type="checkbox"/>		<b>Full Lists</b> Pri. Poll. <input type="checkbox"/> TCL Organics <input type="checkbox"/> TAL Met/ON <input type="checkbox"/> Full TCLP <input type="checkbox"/> Full App. IX <input type="checkbox"/> Part. 360 <input type="checkbox"/> Part. 360 <input type="checkbox"/> Part. 360 <input type="checkbox"/> Part. 360 <input type="checkbox"/> NYCDEP <input type="checkbox"/> NYCDEP <input type="checkbox"/> TAGM <input type="checkbox"/>		<b>Misc.</b> Corrosivity <input type="checkbox"/> Reactivity <input type="checkbox"/> Ignitability <input type="checkbox"/> Flush Point <input type="checkbox"/> Sieve Anal. <input type="checkbox"/> Heterotrophs <input type="checkbox"/> TOX <input type="checkbox"/> BTU/lb. <input type="checkbox"/> Aquatic Tox. <input type="checkbox"/> TOC <input type="checkbox"/> Asbestos <input type="checkbox"/> Silica <input type="checkbox"/>	
<b>Matrix Codes</b> S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Samples from: CT <input type="checkbox"/> NY <input checked="" type="checkbox"/> NJ <input type="checkbox"/>		Simple Excel <input type="checkbox"/> NYSEDEC EQuls <input type="checkbox"/> EQuls (std) <input type="checkbox"/> EZ-EDD (EQuls) <input type="checkbox"/> NJDEP SRP HazSite EDD <input type="checkbox"/> GIS/KEY (std) <input type="checkbox"/> Other <input type="checkbox"/> York Regulatory Comparison <input type="checkbox"/> Excel Spreadsheet <input type="checkbox"/> Compare to the following Regs. (please fill in): _____							

**Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.**

Deborah Thompson  
 Samples Collected/Authorized By (Signature)  
Deborah J Thompson  
 Name (printed)

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)	Temperature on Receipt
SB-1	11/2/12	S	8260, 8270, 8082/8081 (PCBs pesticides) & TAL Metals	(3) 40ml (1) 8oz	
SB-2A		S		(3) 40ml (2) 1L & 1 8oz	
SB-2B		S		(3) 40ml (1) 8oz	
SB-2-1 MW-1		GW		(3) 40ml (2) 1L & 1 8oz	
SB-2-1 MW-1 Duplicate		GW		(3) 40ml (2) 1L & 1 8oz	
SB-3A		S		(3) 40ml (1) 8oz	
SB-3B		S		(3) 40ml (2) 1L & 1 8oz	
SB-3 MW-2		GW		(3) 40ml (2) 1L & 1 8oz	
SB-4A		S		(3) 40ml (2) 1L & 1 8oz	
SB-4A Duplicate		S		(3) 40ml (2) 1L & 1 8oz	
Comments: <u>we analysis on all samples groundwater TAL analysis both filtered (in field) &amp; unfiltered</u>				Preservation: <input checked="" type="checkbox"/> Frozen <input type="checkbox"/> HCl <input type="checkbox"/> MeOH <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> O <input type="checkbox"/> NaOH <input type="checkbox"/> Other: _____ Check those Applicable: <input type="checkbox"/> Special Instructions <input checked="" type="checkbox"/> Field Filtered <input type="checkbox"/> Lab to Filter	
Samples Relinquished By: <u>Deborah Thompson</u> 11/14/12 Date/Time Samples Received By: <u>Cherie</u> 11-14-12 Date/Time Samples Relinquished By: <u>Same</u> 11-14-12 Date/Time Samples Received in LAB by: _____ Date/Time				Temperature on Receipt: <u>3.7°C</u>	



# YORK

ANALYTICAL LABORATORIES, INC.

## Technical Report

prepared for:

**DT Consulting Services**  
1291 Old Post Road  
Ulster Park NY, 12487  
**Attention: Deborah Thompson**

Report Date: 11/26/2012  
**Client Project ID: Webster II 2981 Webster Avenue**  
York Project (SDG) No.: 12K0394

CT License No. PH-0723

New Jersey License No. CT-005



New York License No. 10854

PA License No. 68-04440

Report Date: 11/26/2012  
Client Project ID: Webster II 2981 Webster Avenue  
York Project (SDG) No.: 12K0394

**DT Consulting Services**  
1291 Old Post Road  
Ulster Park NY, 12487  
Attention: Deborah Thompson

## Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on November 14, 2012 and listed below. The project was identified as your project: **Webster II 2981 Webster Avenue**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
12K0394-01	SG-1	Soil Vapor	11/12/2012	11/14/2012
12K0394-02	SG-2	Soil Vapor	11/12/2012	11/14/2012
12K0394-03	SG-3	Soil Vapor	11/12/2012	11/14/2012

## General Notes for York Project (SDG) No.: 12K0394

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:



Robert Q. Bradley  
Laboratory Director

Date: 11/26/2012

**YORK**

**Sample Information**

**Client Sample ID:** SG-1

**York Sample ID:** 12K0394-01

York Project (SDG) No.  
12K0394

Client Project ID  
Webster II 2981 Webster Avenue

Matrix  
Soil Vapor

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.18	1.0	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.31	1.3	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.10	1.4	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.26	1.0	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.091	0.76	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.11	0.74	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
120-82-1	<b>1,2,4-Trichlorobenzene</b>	<b>1.7</b>		ug/m <sup>3</sup>	0.31	1.4	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.11	4.6	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	1.4	1.4	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.28	1.1	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.18	0.76	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.19	0.87	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.22	1.3	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.12	1.8	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.12	0.81	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.20	1.1	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.25	1.1	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.61	6.8	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
78-93-3	2-Butanone	ND		ug/m <sup>3</sup>	0.22	0.55	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
591-78-6	<b>2-Hexanone</b>	<b>5.3</b>		ug/m <sup>3</sup>	0.42	1.5	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
108-10-1	<b>4-Methyl-2-pentanone</b>	<b>18</b>		ug/m <sup>3</sup>	0.28	0.77	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
67-64-1	<b>Acetone</b>	<b>140</b>	E	ug/m <sup>3</sup>	0.14	0.45	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
71-43-2	<b>Benzene</b>	<b>7.0</b>		ug/m <sup>3</sup>	0.090	0.60	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.12	0.97	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.28	1.2	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	0.35	1.9	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.087	0.73	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-15-0	<b>Carbon disulfide</b>	<b>110</b>		ug/m <sup>3</sup>	0.070	0.58	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
56-23-5	<b>Carbon tetrachloride</b>	<b>0.59</b>		ug/m <sup>3</sup>	0.14	0.59	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.16	0.86	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.059	0.50	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
67-66-3	<b>Chloroform</b>	<b>7.2</b>		ug/m <sup>3</sup>	0.14	0.92	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	0.12	0.39	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.13	0.74	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD

## Sample Information

**Client Sample ID:** SG-1

**York Sample ID:** 12K0394-01

York Project (SDG) No.  
12K0394

Client Project ID  
Webster II 2981 Webster Avenue

Matrix  
Soil Vapor

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.21	0.85	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
110-82-7	<b>Cyclohexane</b>	<b>1.4</b>		ug/m <sup>3</sup>	0.078	0.65	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	1.5	1.5	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	0.23	0.93	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
141-78-6	Ethyl acetate	ND		ug/m <sup>3</sup>	0.17	0.68	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
100-41-4	<b>Ethyl Benzene</b>	<b>3.8</b>		ug/m <sup>3</sup>	0.15	0.82	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
87-68-3	<b>Hexachlorobutadiene</b>	<b>2.0</b>		ug/m <sup>3</sup>	0.36	2.0	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
67-63-0	<b>Isopropanol</b>	<b>5.5</b>		ug/m <sup>3</sup>	0.16	0.46	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.77	0.77	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.081	0.68	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-09-2	<b>Methylene chloride</b>	<b>2.0</b>		ug/m <sup>3</sup>	0.16	0.65	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
142-82-5	<b>n-Heptane</b>	<b>23</b>		ug/m <sup>3</sup>	0.092	0.77	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
110-54-3	<b>n-Hexane</b>	<b>45</b>		ug/m <sup>3</sup>	0.079	0.66	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
95-47-6	<b>o-Xylene</b>	<b>2.7</b>		ug/m <sup>3</sup>	0.15	0.82	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
1330-20-7P/M	<b>p- &amp; m- Xylenes</b>	<b>12</b>		ug/m <sup>3</sup>	0.28	0.82	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
622-96-8	p-Ethyltoluene	ND		ug/m <sup>3</sup>	0.17	4.6	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
115-07-01	Propylene	ND		ug/m <sup>3</sup>	0.15	0.32	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
100-42-5	Styrene	ND		ug/m <sup>3</sup>	0.14	0.80	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
127-18-4	<b>Tetrachloroethylene</b>	<b>28</b>		ug/m <sup>3</sup>	0.15	1.3	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
109-99-9	Tetrahydrofuran	ND		ug/m <sup>3</sup>	0.14	0.55	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
108-88-3	<b>Toluene</b>	<b>18</b>		ug/m <sup>3</sup>	0.17	0.71	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.089	0.74	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.15	0.85	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
79-01-6	<b>Trichloroethylene</b>	<b>2.3</b>		ug/m <sup>3</sup>	0.12	0.50	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>13</b>		ug/m <sup>3</sup>	0.063	1.1	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.099	1.3	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.12	0.96	1.846	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 00:35	TD

## Sample Information

**Client Sample ID:** SG-2

**York Sample ID:** 12K0394-02

York Project (SDG) No.  
12K0394

Client Project ID  
Webster II 2981 Webster Avenue

Matrix  
Soil Vapor

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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## Sample Information

**Client Sample ID:** SG-2

**York Sample ID:** 12K0394-02

York Project (SDG) No.  
12K0394

Client Project ID  
Webster II 2981 Webster Avenue

Matrix  
Soil Vapor

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.17	0.96	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.29	1.2	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
76-13-1	<b>1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)</b>	<b>1.6</b>		ug/m <sup>3</sup>	0.095	1.4	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.24	0.96	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.086	0.72	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.11	0.70	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	0.29	1.3	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.10	4.3	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	1.4	1.4	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.27	1.1	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.17	0.72	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.18	0.82	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.21	1.2	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.11	1.7	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.11	0.77	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.19	1.1	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.23	1.1	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.57	6.4	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
78-93-3	<b>2-Butanone</b>	<b>53</b>		ug/m <sup>3</sup>	0.21	0.52	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
591-78-6	2-Hexanone	ND		ug/m <sup>3</sup>	0.40	1.4	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.26	0.72	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
67-64-1	<b>Acetone</b>	<b>120</b>	E	ug/m <sup>3</sup>	0.13	0.42	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
71-43-2	<b>Benzene</b>	<b>5.3</b>		ug/m <sup>3</sup>	0.085	0.56	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.11	0.92	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.26	1.1	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	0.33	1.8	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.082	0.69	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-15-0	<b>Carbon disulfide</b>	<b>11</b>		ug/m <sup>3</sup>	0.066	0.55	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
56-23-5	<b>Carbon tetrachloride</b>	<b>0.89</b>		ug/m <sup>3</sup>	0.13	0.56	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.15	0.81	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.056	0.47	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
67-66-3	<b>Chloroform</b>	<b>6.2</b>		ug/m <sup>3</sup>	0.13	0.86	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	0.11	0.37	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.12	0.70	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD

## Sample Information

**Client Sample ID:** SG-2

**York Sample ID:** 12K0394-02

York Project (SDG) No.  
12K0394

Client Project ID  
Webster II 2981 Webster Avenue

Matrix  
Soil Vapor

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.20	0.80	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
110-82-7	<b>Cyclohexane</b>	<b>0.73</b>		ug/m <sup>3</sup>	0.073	0.61	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	1.4	1.4	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	0.22	0.87	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
141-78-6	<b>Ethyl acetate</b>	<b>1.2</b>		ug/m <sup>3</sup>	0.16	0.64	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
100-41-4	<b>Ethyl Benzene</b>	<b>3.5</b>		ug/m <sup>3</sup>	0.14	0.77	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	0.34	1.9	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
67-63-0	Isopropanol	ND		ug/m <sup>3</sup>	0.15	0.43	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.72	0.72	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.076	0.64	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-09-2	<b>Methylene chloride</b>	<b>2.4</b>		ug/m <sup>3</sup>	0.15	0.61	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
142-82-5	<b>n-Heptane</b>	<b>2.0</b>		ug/m <sup>3</sup>	0.087	0.72	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
110-54-3	<b>n-Hexane</b>	<b>1.9</b>		ug/m <sup>3</sup>	0.075	0.62	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
95-47-6	<b>o-Xylene</b>	<b>1.8</b>		ug/m <sup>3</sup>	0.14	0.77	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
1330-20-7P/M	<b>p- &amp; m- Xylenes</b>	<b>10</b>		ug/m <sup>3</sup>	0.26	0.77	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
622-96-8	p-Ethyltoluene	ND		ug/m <sup>3</sup>	0.16	4.3	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
115-07-01	Propylene	ND		ug/m <sup>3</sup>	0.14	0.30	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
100-42-5	<b>Styrene</b>	<b>5.8</b>		ug/m <sup>3</sup>	0.14	0.75	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
127-18-4	<b>Tetrachloroethylene</b>	<b>4.4</b>		ug/m <sup>3</sup>	0.14	1.2	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
109-99-9	Tetrahydrofuran	ND		ug/m <sup>3</sup>	0.13	0.52	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
108-88-3	<b>Toluene</b>	<b>17</b>		ug/m <sup>3</sup>	0.16	0.67	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.084	0.70	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.14	0.80	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
79-01-6	<b>Trichloroethylene</b>	<b>0.57</b>		ug/m <sup>3</sup>	0.11	0.47	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>210</b>	E	ug/m <sup>3</sup>	0.060	0.99	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.093	1.2	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.11	0.90	1.738	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 01:22	TD

## Sample Information

**Client Sample ID:** SG-3

**York Sample ID:** 12K0394-03

York Project (SDG) No.  
12K0394

Client Project ID  
Webster II 2981 Webster Avenue

Matrix  
Soil Vapor

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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## Sample Information

**Client Sample ID:** SG-3

**York Sample ID:** 12K0394-03

York Project (SDG) No.  
12K0394

Client Project ID  
Webster II 2981 Webster Avenue

Matrix  
Soil Vapor

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/m <sup>3</sup>	0.16	0.90	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m <sup>3</sup>	0.27	1.1	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m <sup>3</sup>	0.088	1.3	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m <sup>3</sup>	0.22	0.90	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-34-3	1,1-Dichloroethane	ND		ug/m <sup>3</sup>	0.080	0.66	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m <sup>3</sup>	0.098	0.65	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m <sup>3</sup>	0.27	1.2	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.097	4.0	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
106-93-4	1,2-Dibromoethane	ND		ug/m <sup>3</sup>	1.3	1.3	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.25	0.99	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
107-06-2	1,2-Dichloroethane	ND		ug/m <sup>3</sup>	0.16	0.66	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
78-87-5	1,2-Dichloropropane	ND		ug/m <sup>3</sup>	0.17	0.76	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m <sup>3</sup>	0.20	1.1	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m <sup>3</sup>	0.10	1.6	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
106-99-0	1,3-Butadiene	ND		ug/m <sup>3</sup>	0.11	0.71	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.18	0.99	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m <sup>3</sup>	0.22	0.99	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
123-91-1	1,4-Dioxane	ND		ug/m <sup>3</sup>	0.53	5.9	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
78-93-3	<b>2-Butanone</b>	<b>27</b>		ug/m <sup>3</sup>	0.19	0.48	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
591-78-6	<b>2-Hexanone</b>	<b>2.1</b>		ug/m <sup>3</sup>	0.37	1.3	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m <sup>3</sup>	0.24	0.67	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
67-64-1	<b>Acetone</b>	<b>57</b>		ug/m <sup>3</sup>	0.12	0.39	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
71-43-2	<b>Benzene</b>	<b>1.6</b>		ug/m <sup>3</sup>	0.079	0.52	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
100-44-7	Benzyl chloride	ND		ug/m <sup>3</sup>	0.10	0.85	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-27-4	Bromodichloromethane	ND		ug/m <sup>3</sup>	0.24	1.0	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-25-2	Bromoform	ND		ug/m <sup>3</sup>	0.31	1.7	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
74-83-9	Bromomethane	ND		ug/m <sup>3</sup>	0.076	0.64	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-15-0	<b>Carbon disulfide</b>	<b>4.4</b>		ug/m <sup>3</sup>	0.061	0.51	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
56-23-5	<b>Carbon tetrachloride</b>	<b>0.62</b>		ug/m <sup>3</sup>	0.12	0.52	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
108-90-7	Chlorobenzene	ND		ug/m <sup>3</sup>	0.14	0.76	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-00-3	Chloroethane	ND		ug/m <sup>3</sup>	0.052	0.43	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
67-66-3	<b>Chloroform</b>	<b>6.8</b>		ug/m <sup>3</sup>	0.12	0.80	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
74-87-3	Chloromethane	ND		ug/m <sup>3</sup>	0.10	0.34	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.11	0.65	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD

## Sample Information

**Client Sample ID:** SG-3

**York Sample ID:** 12K0394-03

York Project (SDG) No.  
12K0394

Client Project ID  
Webster II 2981 Webster Avenue

Matrix  
Soil Vapor

Collection Date/Time  
November 12, 2012 3:00 pm

Date Received  
11/14/2012

**Volatile Organics, EPA TO15 Full List**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.19	0.75	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
110-82-7	<b>Cyclohexane</b>	<b>0.68</b>		ug/m <sup>3</sup>	0.068	0.57	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
124-48-1	Dibromochloromethane	ND		ug/m <sup>3</sup>	1.3	1.3	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m <sup>3</sup>	0.20	0.81	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
141-78-6	<b>Ethyl acetate</b>	<b>0.83</b>		ug/m <sup>3</sup>	0.15	0.59	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
100-41-4	<b>Ethyl Benzene</b>	<b>2.7</b>		ug/m <sup>3</sup>	0.13	0.71	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
87-68-3	Hexachlorobutadiene	ND		ug/m <sup>3</sup>	0.32	1.8	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
67-63-0	<b>Isopropanol</b>	<b>40</b>		ug/m <sup>3</sup>	0.14	0.40	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
80-62-6	Methyl Methacrylate	ND		ug/m <sup>3</sup>	0.67	0.67	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m <sup>3</sup>	0.071	0.59	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-09-2	<b>Methylene chloride</b>	<b>2.7</b>		ug/m <sup>3</sup>	0.14	0.57	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
142-82-5	<b>n-Heptane</b>	<b>0.94</b>		ug/m <sup>3</sup>	0.081	0.67	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
110-54-3	<b>n-Hexane</b>	<b>1.1</b>		ug/m <sup>3</sup>	0.069	0.58	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
95-47-6	<b>o-Xylene</b>	<b>2.1</b>		ug/m <sup>3</sup>	0.13	0.71	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
1330-20-7P/M	<b>p- &amp; m- Xylenes</b>	<b>10</b>		ug/m <sup>3</sup>	0.24	0.71	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
622-96-8	p-Ethyltoluene	ND		ug/m <sup>3</sup>	0.15	4.0	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
115-07-01	Propylene	ND		ug/m <sup>3</sup>	0.13	0.28	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
100-42-5	<b>Styrene</b>	<b>8.5</b>		ug/m <sup>3</sup>	0.13	0.70	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
127-18-4	<b>Tetrachloroethylene</b>	<b>1.3</b>		ug/m <sup>3</sup>	0.13	1.1	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
109-99-9	Tetrahydrofuran	ND		ug/m <sup>3</sup>	0.12	0.48	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
108-88-3	<b>Toluene</b>	<b>10</b>		ug/m <sup>3</sup>	0.15	0.62	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m <sup>3</sup>	0.078	0.65	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m <sup>3</sup>	0.13	0.75	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
79-01-6	<b>Trichloroethylene</b>	<b>0.62</b>		ug/m <sup>3</sup>	0.11	0.44	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-69-4	<b>Trichlorofluoromethane (Freon 11)</b>	<b>55</b>		ug/m <sup>3</sup>	0.055	0.92	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
108-05-4	Vinyl acetate	ND		ug/m <sup>3</sup>	0.087	1.2	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD
75-01-4	Vinyl Chloride	ND		ug/m <sup>3</sup>	0.10	0.84	1.614	EPA Compendium TO-15	11/21/2012 09:00	11/22/2012 02:08	TD

### Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
<hr/>	
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias ) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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# Field Chain-of-Custody Record - AIR

NOTE: York's Std Terms & Conditions are listed on the back side of this document  
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std Terms & Conditions unless superseded by written contract.

York Project No. 12K0394

<b>YOUR Information</b> Company: <u>DI Consulting Services Inc</u> Address: _____ Phone No. _____ Contact Person: <u>Deborah Thompson</u> E-Mail Address: _____		<b>Report To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>Invoice To:</b> Company: <u>Same</u> Address: _____ Phone No. _____ Attention: _____ E-Mail Address: _____		<b>YOUR Project ID</b> <u>Webster III</u> <u>2981 Webster Avenue</u> <b>Purchase Order No.</b> Samples from: CT ___ NY <u>X</u> NJ ___		<b>Turn-Around Time</b> RUSH - Same Day <input type="checkbox"/> RUSH - Next Day <input type="checkbox"/> RUSH - Two Day <input type="checkbox"/> RUSH - Three Day <input type="checkbox"/> RUSH - Four Day <input type="checkbox"/> <b>Standard(5-7 Days)</b> <input checked="" type="checkbox"/>		<b>Report Type/Deliverables</b> Summary Report <input checked="" type="checkbox"/> Summary w/ QA Summary <input type="checkbox"/> CT RCP Package <input type="checkbox"/> NY ASP A Package <input type="checkbox"/> NY ASP B/CLP Pkg <input type="checkbox"/> NJDEP Reduced <input type="checkbox"/> <i>Electronic Deliverables:</i> EDD (Specify Type) _____ Standard Excel _____ Regulatory Comparison Excel _____	
<b>Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.</b> <u>Deborah Thompson</u> Samples Collected/Authorized By (Signature) <u>Deborah Thompson</u> Name (printed)		<b>AIR Matrix Codes</b> AI - INDOOR Ambient Air AO - OUTDOOR Amb. Air AE - Vapor Extraction Well/Process Gas/Effluent AS - SOIL Vapor/Sub-Slab		<b>TO15 Volatiles and Other Gas Analyses</b> EPA TO-14A List Tentatively Identified Compounds Air VPH _____ Helium _____ Methane _____ OTHER _____		<b>Detection Limits Required</b> ≤ 1 ug/m <sup>3</sup> <input checked="" type="checkbox"/> NYSDEC VI Limits _____ (VI = upper institution) NJDEP low level _____ Routine Survey _____ Other _____		<b>Special Instructions</b>			
<b>Sample Identification</b> SG-1 SG-2 SG-3		<b>Date Sampled</b> 11/12/12 1 1		<b>AIR Matrix</b> AS 1 1		<b>Canister Vacuum Before Sampling (in. Hg)</b> 30 30 30		<b>Canister Vacuum After Sampling (in. Hg)</b> 8 3 2		<b>Choose Analyses Needed from the Menu Above and Enter Below</b> 6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag 6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag 6 Liter Summa canister <input checked="" type="checkbox"/> Tedlar Bag 6 Liter Summa canister _____ Tedlar Bag	
<b>Comments</b> York canister #s SG-1 7-81 SG-2 524 SG-3 532		<b>Samples Relinquished By</b> <u>Deborah Thompson</u> 11/14/12		<b>Samples Received By</b> <u>Cherie</u> 11-14-12		<b>Date/Time</b> 11/14/12-1640		<b>Date/Time</b> 11/14/12-1640			