BROWNFIELDS CLEANUP PROGRAM APPLICATION

166 Chandler Street
166 Chandler Street
Buffalo, New York 14207
BCP # TBD

May 11, 2017

Submitted to:
Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7020

On Behalf Of:
166 Chandler Holdings, LLC
391 Washington Street, Buffalo, New York 14203
HEI Project No: e1608

Prepared By:

Hazard Evaluations, Inc.
3752 North Buffalo Road
Orchard Park, New York 14127
(716) 667-3130

Schenne & Associates
391 Washington Street, Suite 800
Buffalo, NY 14203
(716) 655-4991

HAZARD EVALUATIONS

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION FORM

DEC requires an application to request major changes to the description of the property set forth in a Brownfield Cleanup Agreement, or "*BCA*" (e.g., adding a significant amount of new property, or adding property that could affect an eligibility determination due to contamination levels or intended land use). Such application must be submitted and processed in the same manner as the original application, including the required public comment period. **Is this an application to amend an existing BCA?**

☐ **Yes** ■ **No** **If yes, provide existing site number:** _____

PART A (note: application is separated into Parts A and B for DEC review purposes) ***BCP App Rev 9***

Section I. Requestor Information - See Instructions for Further Guidance

DEC USE ONLY
BCP SITE #:

NAME 166 Chandler Holdings, LLC

ADDRESS 166 Chandler Street

CITY/TOWN Buffalo ZIP CODE 14207

PHONE 716-861-5385 | FAX 716-768-1829 | E-MAIL rtermini@wnylofts.com

Is the requestor authorized to conduct business in New York State (NYS)? ■ Yes ☐ No

- If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's Corporation & Business Entity Database. A print-out of entity information from the database must be submitted to the New York State Department of Environmental Conservation (DEC) with the application, to document that the requestor is authorized to do business in NYS. Please see Section I Attachments

Do all individuals that will be certifying documents meet the requirements detailed below? ■ Yes ☐ No

- Individuals that will be certifying BCP documents, as well as their employers, meet the requirements of Section 1.5 of *DER-10: Technical Guidance for Site Investigation and Remediation* and Article 145 of New York State Education Law. **Documents that are not properly certified will be not approved under the BCP**.

Section II. Project Description

1. What stage is the project starting at? ■ Investigation ☐ Remediation

2. If the project is starting at the remediation stage, a Remedial Investigation Report (RIR), Alternatives Analysis, and Remedial Work Plan must be attached (see *DER-10 / Technical Guidance for Site Investigation and Remediation* for further guidance).

3. If a final RIR is included, please verify it meets the requirements of Environmental Conservation Law (ECL) Article 27-1415(2): ☐ Yes ☐ No

4. Please attach a short description of the overall development project, including:

- the date that the remedial program is to start; and
- the date the Certificate of Completion is anticipated.

Please see Section II Attachments

Section III. Property's Environmental History

All applications **must include** an Investigation Report (per ECL 27-1407(1)). The report must be sufficient to establish contamination of environmental media on the site above applicable Standards, Criteria and Guidance (SCGs) based on the reasonably anticipated use of the property.

To the extent that existing information/studies/reports are available to the requestor, please attach the following (**please submit the information requested in this section in electronic format only**):

1. **Reports:** an example of an Investigation Report is a Phase II Environmental Site Assessment report prepared in accordance with the latest American Society for Testing and Materials standard (ASTM E1903).

2. SAMPLING DATA: INDICATE KNOWN CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN TO HAVE BEEN AFFECTED. LABORATORY REPORTS SHOULD BE REFERENCED AND COPIES INCLUDED.

Contaminant Category	Soil	Groundwater	Soil Gas
Petroleum			
Chlorinated Solvents			
Other VOCs			
SVOCs	PAHs	PAHs	
Metals	Mercury, Trace Lead		
Pesticides			
PCBs	Trace Aroclor 1260 and 1268		
Other*			

***Please describe:** _____

3. FOR EACH IMPACTED MEDIUM INDICATED ABOVE, INCLUDE A SITE DRAWING INDICATING:

- **SAMPLE LOCATION**
- **DATE OF SAMPLING EVENT**
- **KEY CONTAMINANTS AND CONCENTRATION DETECTED**
- **FOR SOIL, HIGHLIGHT IF ABOVE REASONABLY ANTICIPATED USE**
- **FOR GROUNDWATER, HIGHLIGHT EXCEEDANCES OF 6NYCRR PART 703.5**
- **FOR SOIL GAS/ SOIL VAPOR/ INDOOR AIR, HIGHLIGHT IF ABOVE MITIGATE LEVELS ON THE NEW YORK STATE DEPARTMENT OF HEALTH MATRIX**

Please see Section III Attachments

THESE DRAWINGS ARE TO BE REPRESENTATIVE OF ALL DATA BEING RELIED UPON TO MAKE THE CASE THAT THE SITE IS IN NEED OF REMEDIATION UNDER THE BCP. DRAWINGS SHOULD NOT BE BIGGER THAN 11" X 17". THESE DRAWINGS SHOULD BE PREPARED IN ACCORDANCE WITH ANY GUIDANCE PROVIDED.

ARE THE REQUIRED MAPS INCLUDED WITH THE APPLICATION?* ■ **Yes** ☐ **No**
(*answering No will result in an incomplete application)

4. INDICATE PAST LAND USES (CHECK ALL THAT APPLY):

☐ Coal Gas Manufacturing	☑ Manufacturing	☐ Agricultural Co-op	☐ Dry Cleaner
☐ Salvage Yard	☐ Bulk Plant	☐ Pipeline	☐ Service Station
☐ Landfill	☐ Tannery	☐ Electroplating	☐ Unknown

Other:_____

Section IV. Property Information - See Instructions for Further Guidance

PROPOSED SITE NAME 166 Chandler Street

ADDRESS/LOCATION 166 Chandler Street

CITY/TOWN Buffalo ZIP CODE 14207

MUNICIPALITY(IF MORE THAN ONE, LIST ALL):
Buffalo

COUNTY Erie SITE SIZE (ACRES) 0.48 acres

LATITUDE (degrees/minutes/seconds)	LONGITUDE (degrees/minutes/seconds)
42 ° 56 ‘ 37.01 “	78 ° 53 ‘ 6.33 “

COMPLETE TAX MAP INFORMATION FOR ALL TAX PARCELS INCLUDED WITHIN THE PROPERTY BOUNDARIES. ATTACH REQUIRED MAPS PER THE APPLICATION INSTRUCTIONS.
Please see Section IV Attachments

Parcel Address	Section No.	Block No.	Lot No.	Acreage
166 Chandler, Buffalo, NY	77.84	4	5	0.48

1. Do the proposed site boundaries correspond to tax map metes and bounds? ■ Yes ☐ No
   If no, please attach a metes and bounds description of the property.

2. Is the required property map attached to the application? ■ Yes ☐ No
   (application will not be processed without map)

3. Is the property within a designated Environmental Zone (En-zone) pursuant to Tax Law 21(b)(6)? ■ Yes ☐ No
   (See DEC's website for more information)
   If yes, identify census tract : 55, Erie County, New York
   Percentage of property in En-zone (check one): ☐ 0-49% ☐ 50-99% ■ 100%

4. Is this application one of multiple applications for a large development project, where the development project spans more than 25 acres (see additional criteria in BCP application instructions)? ☐ Yes ■ No
   If yes, identify name of properties (and site numbers if available) in related BCP applications:_____

5. Is the contamination from groundwater or soil vapor solely emanating from property other than the site subject to the present application? ☐ Yes ■ No

6. Has the property previously been remediated pursuant to Titles 9, 13, or 14 of ECL Article 27, Title 5 of ECL Article 56, or Article 12 of Navigation Law? ☐ Yes ■ No
   If yes, attach relevant supporting documentation.

7. Are there any lands under water? ☐ Yes ■ No
   If yes, these lands should be clearly delineated on the site map.

Section IV. Property Information (continued)

8. Are there any easements or existing rights of way that would preclude remediation in these areas? If yes, identify here and attach appropriate information. ☐ Yes ■ No

Easement/Right-of-way Holder	Description

9. List of Permits issued by the DEC or USEPA Relating to the Proposed Site (type here or attach information)

Type	Issuing Agency	Description
None		

10. Property Description and Environmental Assessment – **please refer to application instructions for the proper format of <u>each</u> narrative requested.**

Are the Property Description and Environmental Assessment narratives included in the **prescribed format**? ■ Yes ☐ No

11. For sites located within the five counties comprising New York City, is the requestor seeking a determination that the site is eligible for tangible property tax credits? If yes, requestor must answer questions on the supplement at the end of this form. ☐ Yes ☐ No

12. Is the Requestor now, or will the Requestor in the future, seek a determination that the property is Upside Down? ☐ Yes ☐ No

13. If you have answered *Yes* to Question 12, above, is an independent appraisal of the value of the property, as of the date of application, prepared under the hypothetical condition that the property is not contaminated, included with the application? ☐ Yes ☐ No

NOTE: If a tangible property tax credit determination is not being requested in the application to participate in the BCP, the applicant may seek this determination at any time before issuance of a certificate of completion by using the BCP Amendment Application, <u>except</u> for sites seeking eligibility under the underutilized category.

If any changes to Section IV are required prior to application approval, a new page, initialed by each requestor, must be submitted.

Initials of each Requestor: _____ _____ _____ _____ _____ _____

BCP application - PART B (note: application is separated into Parts A and B for DEC review purposes)

Section V. Additional Requestor Information
See Instructions for Further Guidance

DEC USE ONLY
BCP SITE NAME: _____
BCP SITE #:_____

NAME OF REQUESTOR'S AUTHORIZED REPRESENTATIVE Rocco Termini		
ADDRESS 391 Washington Street		
CITY/TOWN Buffalo		ZIP CODE 14203
PHONE 716-861-5385	FAX 716-768-1829	E-MAIL rtermini@wnylofts.com
NAME OF REQUESTOR'S CONSULTANT Michele Wittman - Hazard Evaluations, Inc.		
ADDRESS 3752 N. Buffalo Road		
CITY/TOWN Orchard Park		ZIP CODE 14127
PHONE 716-667-3130	FAX 716-667-3156	E-MAIL mwittman@hazardevaluations.com
NAME OF REQUESTOR'S ATTORNEY Marc A. Romanowski - Hopkins, Sorgi & Romanowski, PLLC		
ADDRESS 26 Mississippi Street, Suite 400		
CITY/TOWN Buffalo		ZIP CODE 14203
PHONE 716-427-7103	FAX 716-424-2171	E-MAIL mromanowski@hsr-legal.com

Section VI. Current Property Owner/Operator Information – if not a Requestor

CURRENT OWNER'S NAME same as requestor		OWNERSHIP START DATE: 02/17/2016
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
CURRENT OPERATOR'S NAME		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL

IF REQUESTOR IS NOT THE CURRENT OWNER, DESCRIBE REQUESTOR'S RELATIONSHIP TO THE CURRENT OWNER, INCLUDING ANY RELATIONSHIP BETWEEN REQUESTOR'S CORPORATE MEMBERS AND THE CURRENT OWNER.
Please see Section VI Attachments
PROVIDE A LIST OF PREVIOUS PROPERTY OWNERS AND OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS AS AN ATTACHMENT. DESCRIBE REQUESTOR'S RELATIONSHIP, TO EACH PREVIOUS OWNER AND OPERATOR, INCLUDING ANY RELATIONSHIP BETWEEN REQUESTOR'S CORPORATE MEMBERS AND PREVIOUS OWNER AND OPERATOR. IF NO RELATIONSHIP, PUT "NONE".

Section VII. Requestor Eligibility Information (Please refer to ECL § 27-1407)

If answering "yes" to any of the following questions, please provide an explanation as an attachment.

1. Are any enforcement actions pending against the requestor regarding this site? ☐ Yes ■ No
2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site? ☐ Yes ■ No
3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator. ☐ Yes ■ No

Section VII. Requestor Eligibility Information (continued)

4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of i) any provision of the ECL Article 27; ii) any order or determination; iii) any regulation implementing Title 14; or iv) any similar statute, regulation of the state or federal government? If so, provide an explanation on a separate attachment. ☐ Yes ■ No
5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as name, address, DEC assigned site number, the reason for denial, and other relevant information. ☐ Yes ■ No
6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting of contaminants? ☐ Yes ■ No
7. Has the requestor been convicted of a criminal offense i) involving the handling, storing, treating, disposing or transporting of contaminants; or ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state? Yes (No)
8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of DEC, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to DEC? ☐ Yes ■ No
9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9 (f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? Yes (No)
10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order? ☐ Yes ■ No
11. Are there any unregistered bulk storage tanks on-site which require registration? ☐ Yes ■ No

THE REQUESTOR MUST CERTIFY THAT HE/SHE IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT

A requestor who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

■ VOLUNTEER

A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.

NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.

If a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site, submit a statement describing why you should be considered a volunteer – be specific as to the appropriate care taken.

Please see Section VII Attachments

Section VII. Requestor Eligibility Information (continued)

Requestor Relationship to Property (check one):
☐ Previous Owner ☑ Current Owner ☐ Potential /Future Purchaser ☐ Other_____

If requestor is not the current site owner, **proof of site access sufficient to complete the remediation must be submitted**. Proof must show that the requestor will have access to the property before signing the BCA and throughout the BCP project, including the ability to place an easement on the site Is this proof attached?

☐ Yes ☐ No

Note: a purchase contract does not suffice as proof of access.

Section VIII. Property Eligibility Information - See Instructions for Further Guidance

1. Is / was the property, or any portion of the property, listed on the National Priorities List?
   If yes, please provide relevant information as an attachment. ☐ Yes ■ No
2. Is / was the property, or any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Sites pursuant to ECL 27-1305? ☐ Yes ■ No
   If yes, please provide: Site #_____ Class # _____
3. Is / was the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? ☐ Yes ■ No
   If yes, please provide: Permit type:_____ EPA ID Number:_____
   Date permit issued:_____ Permit expiration date:_____
4. If the answer to question 2 or 3 above is yes, is the site owned by a volunteer as defined under ECL 27-1405(1)(b), or under contract to be transferred to a volunteer? Attach any information available to the requestor related to previous owners or operators of the facility or property and their financial viability, including any bankruptcy filing and corporate dissolution documentation. ☐ Yes ☐ No
5. Is the property subject to a cleanup order under Navigation Law Article 12 or ECL Article 17 Title 10?
   If yes, please provide: Order #_____ ☐ Yes ■ No
6. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum?
   If yes, please provide explanation as an attachment. ☐ Yes ■ No

Section IX. Contact List Information

To be considered complete, the application must include the Brownfield Site Contact List in accordance with *DER-23 / Citizen Participation Handbook for Remedial Programs*. Please attach, at a minimum, the names and addresses of the following:

1. The chief executive officer and planning board chairperson of each county, city, town and village in which the property is located.
2. Residents, owners, and occupants of the property and properties adjacent to the property.
3. Local news media from which the community typically obtains information.
4. The public water supplier which services the area in which the property is located.
5. Any person who has requested to be placed on the contact list.
6. The administrator of any school or day care facility located on or near the property.
7. The location of a document repository for the project (e.g., local library). In addition, attach a copy of an acknowledgement from the repository indicating that it agrees to act as the document repository for the property.
8. Any community board located in a city with a population of one million or more, if the proposed site is located within such community board's boundaries.

Please see Section IX Attachments

Section X. Land Use Factors

1. What is the current zoning for the site? What uses are allowed by the current zoning?
☐ Residential ☐ Commercial ☑ Industrial
If zoning change is imminent, please provide documentation from the appropriate zoning authority.

2. Current Use: ☐ Residential ☐ Commercial ☐ Industrial ☑ Vacant ☐ Recreational (check all that apply)
Attach a summary of current business operations or uses, with an emphasis on identifying possible contaminant source areas. If operations or uses have ceased, provide the date.

3. Reasonably anticipated use Post Remediation: ☐ Residential ☑ Commercial ☐ Industrial (check all that apply) **Attach a statement detailing the specific proposed use.**

Please see Section X Attachments

If residential, does it qualify as single family housing? ☐ Yes ■ No

4. Do current historical and/or recent development patterns support the proposed use?	■ Yes ☐ No
5. Is the proposed use consistent with applicable zoning laws/maps? Briefly explain below, or attach additional information and documentation if necessary. The Site is currently zoned D-IL (Light Industrial) which permits a variety of retail, light industrial and professional office uses. The proposed Project has been approved as to use and design by the City of Buffalo. The proposed usage and development for the building will be associated with the northern adjoining property at 155 Chandler which has been approved by the City of Buffalo Planning Board. The current plans include construction of a building in the western portion of the site for a brewery and canning facility.	■ Yes ☐ No
6. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, or other adopted land use plans? Briefly explain below, or attach additional information and documentation if necessary. The Site is currently zoned D-IL (Light Industrial) which permits a variety of retail, light industrial and professional office uses. The proposed Project has been approved as to use and design by the City of Buffalo. The proposed usage and development for the building will be associated with the northern adjoining property at 155 Chandler which has been approved by the City of Buffalo Planning Board. The current plans include construction of a building in the western portion of the site for a brewery and canning facility.	■ Yes ☐ No

XI. Statement of Certification and Signatures

(By requestor who is an individual)

If this application is approved, I hereby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the *Proposed DER-32, Brownfield Cleanup Program Applications and Agreements*; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: _____ Signature: _____

Print Name: _____

(By a requestor other than an individual)

I hereby affirm that I am Managing Member/Owner (title) of 1601 Chandler Holdings, LLC (entity); that I am authorized by that entity to make this application and execute the Brownfield Cleanup Agreement (BCA) and all subsequent amendments; that this application was prepared by me or under my supervision and direction. If this application is approved, I acknowledge and agree: (1) to execute a BCA within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the *Proposed DER-32, Brownfield Cleanup Program Applications and Agreements*; and (3) that in the event of a conflict between the general terms and conditions of participation and the terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 4-24-17 Signature: _____

Print Name: Rocco Termini

SUBMITTAL INFORMATION:

- **Two (2)** copies, one paper copy with original signatures and one electronic copy in Portable Document Format (PDF), must be sent to:
  - Chief, Site Control Section
  - New York State Department of Environmental Conservation
  - Division of Environmental Remediation
  - 625 Broadway
  - Albany, NY 12233-7020

FOR DEC USE ONLY
BCP SITE T&A CODE: _____ **LEAD OFFICE:** _____

Supplemental Questions for Sites Seeking Tangible Property Credits in New York City ONLY. Sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27 1407(1-a) must be submitted if requestor is seeking this determination.

BCP App Rev 9

Property is in Bronx, Kings, New York, Queens, or Richmond counties. ☐ Yes ☐ No
Requestor seeks a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit. ☐ Yes ☐ No
Please answer questions below and provide documentation necessary to support answers.
1. Is at least 50% of the site area located within an environmental zone pursuant to NYS Tax Law 21(b)(6)? Please see DEC's website for more information. ☐ Yes ☐ No
2. Is the property upside down or underutilized as defined below? Upside Down? ☐ Yes ☐ No Underutilized? ☐ Yes ☐ No **From ECL 27-1405(31):** "Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated. **From 6 NYCRR 375-3.2(l) as of August 12, 2016:** (Please note: Eligibility determination for the underutilized category can only be made at the time of application) 375-3.2: (l) "Underutilized" means, as of the date of application, real property on which no more than fifty percent of the permissible floor area of the building or buildings is certified by the applicant to have been used under the applicable base zoning for at least three years prior to the application, which zoning has been in effect for at least three years; and (1) the proposed use is at least 75 percent for industrial uses; or (2) at which: (i) the proposed use is at least 75 percent for commercial or commercial and industrial uses; (ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and (iii) one or more of the following conditions exists, as certified by the applicant: (a) property tax payments have been in arrears for at least five years immediately prior to the application; (b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or (c) there are no structures. "Substantial government assistance" shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.

Supplemental Questions for Sites Seeking Tangible Property Credits in New York City (continued)

3. If you are seeking a formal determination as to whether your project is eligible for Tangible Property Tax Credits based in whole or in part on its status as an affordable housing project (defined below), you must attach the regulatory agreement with the appropriate housing agency (typically, these would be with the *New York City Department of Housing, Preservation and Development*; *the New York State Housing Trust Fund Corporation*; the *New York State Department of Housing and Community Renewal*; or the *New York State Housing Finance Agency*, though other entities may be acceptable pending Department review). **Check appropriate box, below**:

☐ Project is an Affordable Housing Project - Regulatory Agreement Attached;

☐ Project is Planned as Affordable Housing, But Agreement is Not Yet Available* (*Checking this box will result in a "pending" status. The Regulatory Agreement will need to be provided to the Department and the Brownfield Cleanup Agreement will need to be amended prior to issuance of the CoC in order for a positive determination to be made.);

☐ This is Not an Affordable Housing Project.

From 6 NYCRR 375- 3.2(a) as of August 12, 2016:

(a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units.

(1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' households annual gross income.

(2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for home owners at a defined maximum percentage of the area median income.

(3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States department of housing and urban development, or its successor, for a family of four, as adjusted for family size.

BCP Application Summary (for DEC use only)

Site Name: 166 Chandler Street **Site Address:** 166 Chandler Street
City: **County:** **Zip:** 14207

Tax Block & Lot
Section (if applicable): 77.84 **Block:** 4 **Lot:** 5

Requestor Name: **Requestor Address:**
City: **Zip:** **Email:**

Requestor's Representative (for billing purposes)
Name: Rocco Termini **Address:** 391 Washington Street
City: **Zip:** **Email:** rtermini@wnylofts.com

Requestor's Attorney
Name: Marc A. Romanowski - Hopkins, Sorgi & Romanowski, PLLC **Address:** 26 Mississippi Street, Suite 400
City: **Zip:** **Email:** mromanowski@hsr-legal.com

Requestor's Consultant
Name: Michele Wittman - Hazard Evaluations, Inc. **Address:** 3752 N. Buffalo Road
City: Orchard Park **Zip:** 14127 **Email:** mwittman@hazardevaluations.com

Percentage claimed within an En-Zone: ☐ **0%** ☐ **<50%** ☐ **50-99%** ■ **100%**

DER Determination: ☐ Agree ☐ Disagree

Requestor's Requested Status: ☐ **Volunteer** ☐ **Participant**

DER/OGC Determination: ☐ Agree ☐ Disagree
Notes:

For NYC Sites, is the Requestor Seeking Tangible Property Credits: ☐ Yes ☐ No

Does Requestor Claim Property is Upside Down: ☐ Yes ☐ No
DER/OGC Determination: ☐ Agree ☐ Disagree ☐ Undetermined
Notes:

Does Requestor Claim Property is Underutilized: ☐ Yes ☐ No
DER/OGC Determination: ☐ Agree ☐ Disagree ☐ Undetermined
Notes:

Does Requestor Claim Affordable Housing Status: ☐ Yes ☐ No ☐ Planned, No Contract
DER/OGC Determination: ☐ Agree ☐ Disagree ☐ Undetermined
Notes:

Section I

Requestor Information

166 Chandler Holdings LLC – Business Entity Information

166 Chandler Holdings LLC is owned by Rocco Termini as managing member and Frank Lasarus as member; with business address at 391 Washington Street, Buffalo, New York 14203.

NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through December 9, 2016.

Selected Entity Name: 166 CHANDLER HOLDINGS, LLC
Selected Entity Status Information

Current Entity Name:	166 CHANDLER HOLDINGS, LLC
DOS ID #:	4886795
Initial DOS Filing Date:	JANUARY 27, 2016
County:	ERIE
Jurisdiction:	NEW YORK
Entity Type:	DOMESTIC LIMITED LIABILITY COMPANY
Current Entity Status:	ACTIVE

Selected Entity Address Information

DOS Process (Address to which DOS will mail process if accepted on behalf of the entity)

C/O THE LIMITED LIABILITY COMPANY
166 CHANDLER STREET
BUFFALO, NEW YORK, 14207

Registered Agent

NONE

This office does not require or maintain information regarding the names and addresses of members or managers of nonprofessional limited liability companies. Professional limited liability companies must include the name(s) and address(es) of the original members, however this information is not recorded and only available by viewing the certificate.

***Stock Information**

# of Shares	Type of Stock	$ Value per Share
No Information Available		

*Stock information is applicable to domestic business corporations.

Name History

Filing Date	Name Type	Entity Name
JAN 27, 2016	Actual	166 CHANDLER HOLDINGS, LLC

A **Fictitious** name must be used when the **Actual** name of a foreign entity is unavailable for use in New York State. The entity must use the fictitious name when conducting its activities or business in New York State.

NOTE: New York State does not issue organizational identification numbers.

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Section II

Project Description

Project Description

The site is currently underutilized, underdeveloped property located in the City of Buffalo. The building is vacant and in disrepair with evidence of vandalism due to lack of use. The proposed usage and development of the site includes reuse of the existing early 1900s industrial building. The approximate 43,000 square foot building will be developed as a business incubator to be done in cooperation with Start Up New York.

The site will be a business incubator for companies that qualify for Start Up New York program. The western parking area allows for ample parking spaces. The parking lot areas is currently overgrown and filled with rubble and debris. A new building will be constructed in the western portion of the site, to be utilized as a brewery with canning operations in the existing building. The estimated development cost is $5,000,000 and having over 50 employees working in the building.

The Start Up New York Program is geared toward expanding the employment base of New York. Many of the companies anticipated to occupy the space will be software development companies which are looking for eclectic space. Additionally, a brewery with canning operations will occupy a portion of the site.

Remedial investigation expected to start in fall 2017 with remedial activities in Winter 2017/2018. Develop will occur simultaneously with remedial requirements. The Certificate of Completion is anticipated by December 2018.

BUFFALO RISING

ELMWOOD METRO REAL ESTATE

Big Deal: Chandler Street Warehouse Sold

by Buffalo Rising February 18, 2016, 12:05 am 0 Comments

Another Belt Line warehouse has a new owner. Appropriately-named 166 Chandler Holdings LLC purchased 166 Chandler Street yesterday from 166 Chandler Street LLC for $250,000. Chandler Holdings is a new LLC formed on January 27 with a mailing address of, surprise, 166

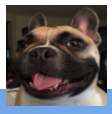
Chandler Street.

The four-story building has 43,200 sq.ft. of space on a .48 acre parcel. Considering the condition of the building and the sales price, the mystery buyer likely has redevelopment plans for the site. The north side of Chandler is mostly vacant, or “neighborhood building ready.” The building is just west of three Signature Development conversion projects along a short stretch of Elmwood Avenue: ARCO Lofts, Foundry Lofts, and Houk Lofts. It is also near the Pierce Arrow Building at 1685 Elmwood Avenue that is on the market with rumors flying about a potential deal in the works.

BUFFALO RISING

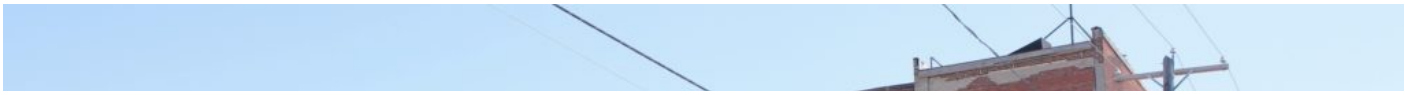
BLACK ROCK | METRO | PRESERVATION | REAL ESTATE

Termini Planning Second Chandler Street Project

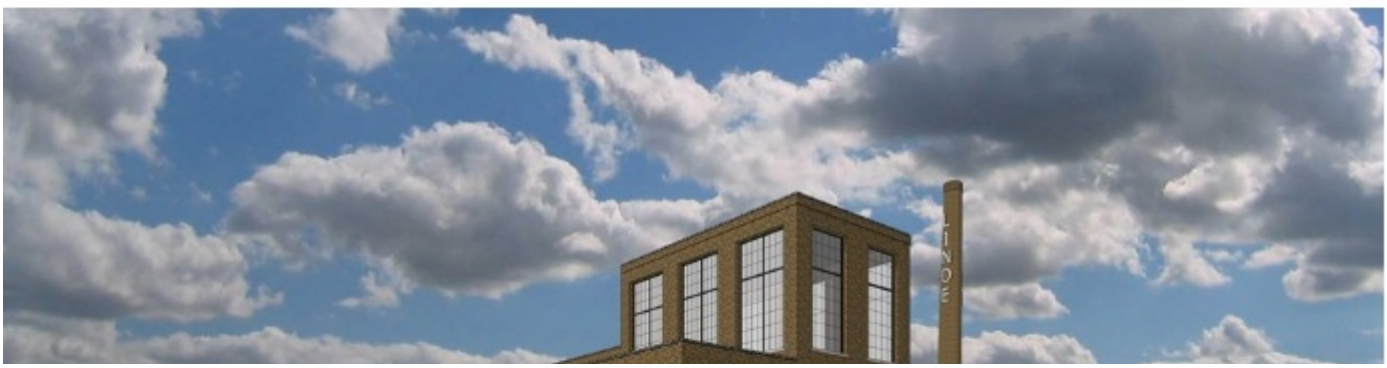


by WCPerspective October 28, 2016, 12:20 am 10 Comments

Rocco Termini has plans for another project on Chandler Street in Black Rock. The four-story warehouse building at 166 Chandler will be renovated as incubator space. It will complement more advanced plans to convert the former Linde Air Manufacturing complex across the street at 155 Chandler Street into a mixed-use complex he is calling the Chandler Incubator.



Incubators provide space and services to catalyze business growth. Termini purchased the 43,200 sq.ft. 166 Chandler in February for $250,000.

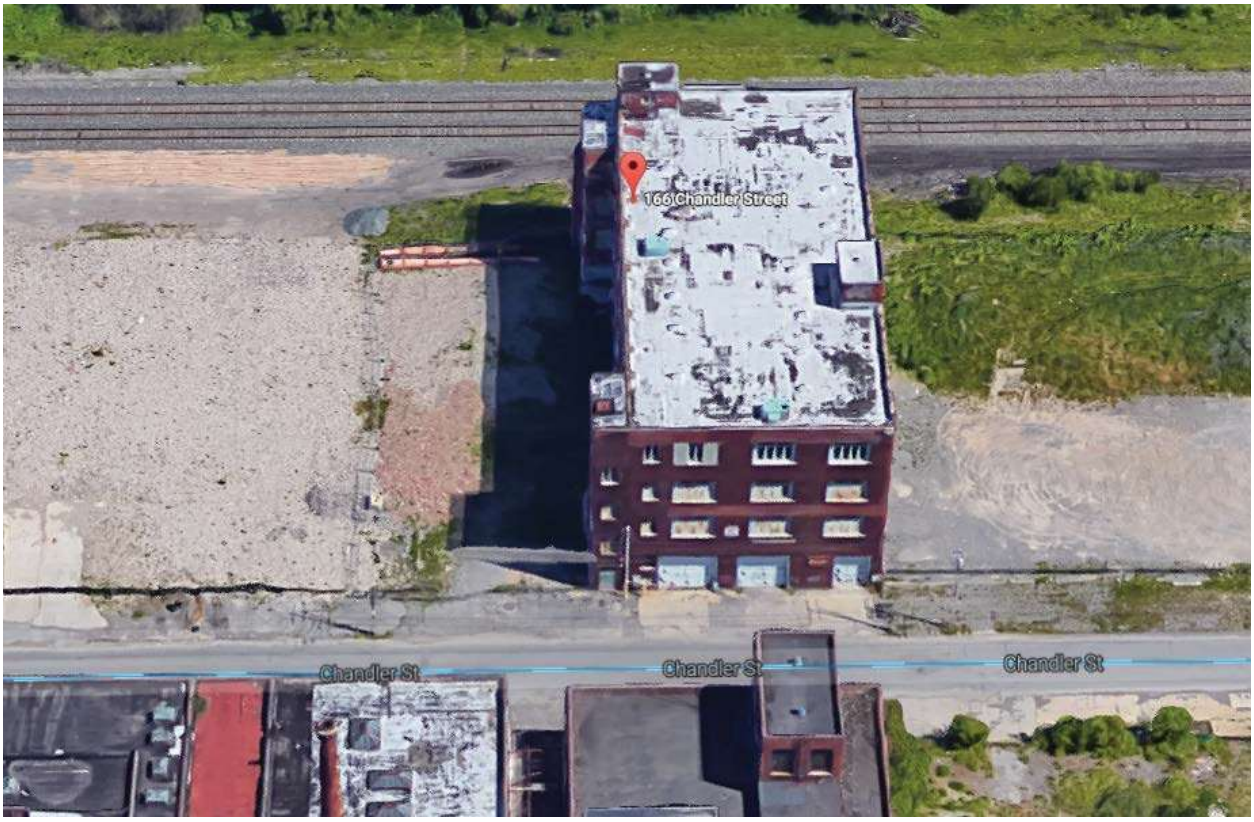


155 Chandler (above) is envisioned as 80,000 sq.ft. of commercial space and potentially ten apartments. If the property is accepted into the Start-Up NY program, the apartment component will be dropped. Termini has commitments for a brewery and winery to occupy 30,000 sq.ft. of space and software development firm Utilant, a current tenant at his Foundry Lofts project, will take 25,000 sq.ft.

Termini has a cluster of projects in the area that includes Foundry Lofts, Houck Lofts and ARCO Lofts.

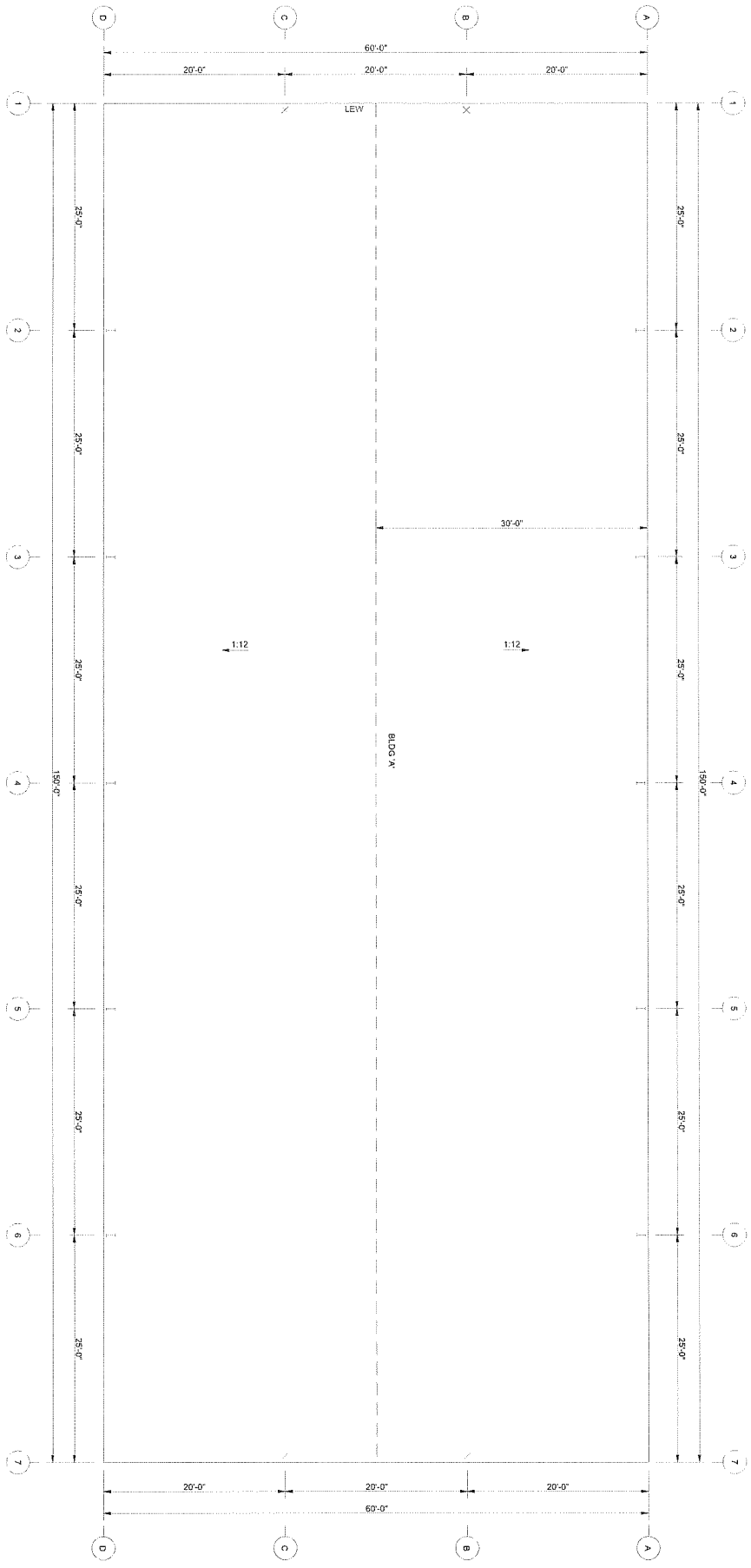
Get Connected: *Signature Development, 716.842.1938*


ARCO Lofts
Foundry Lofts
166 Chandler
155 Chandler
Pierce Arrow
Houck Lofts
Elmwood Ave
Chandler St
Grote St
Great Arrow Ave


166 Chandler Street
Chandler St
Chandler St
Chandler St


SALE
Google


Google

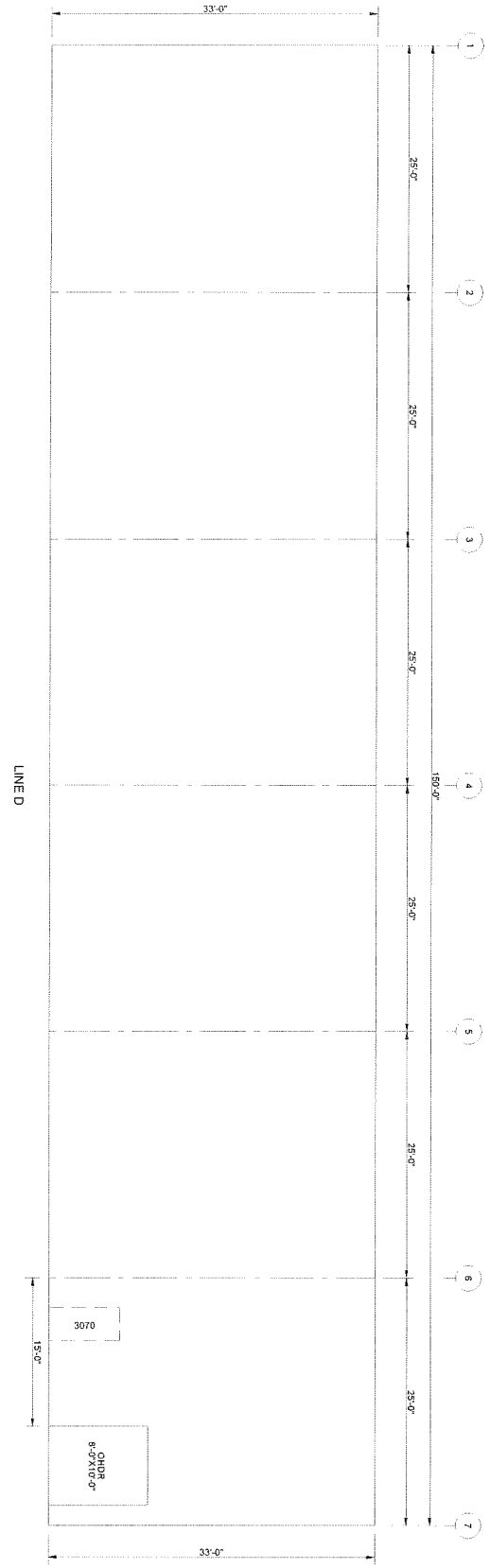


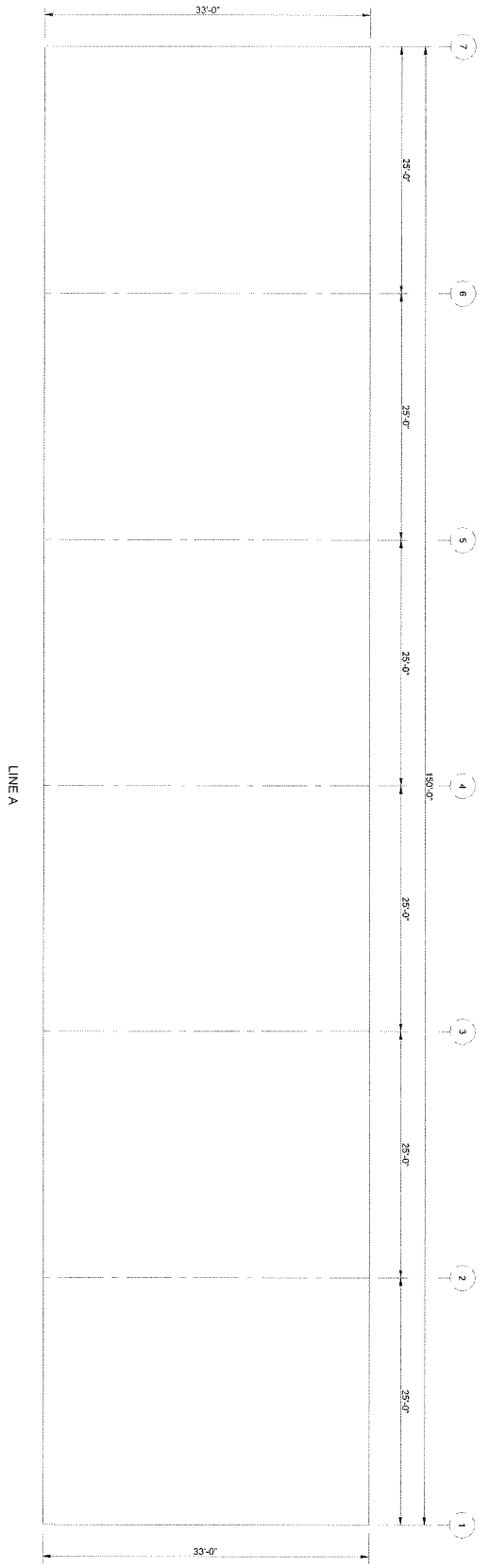
CHIEF BUILDINGS
a division of Chief Industries, Inc.

D1/D4 | BLDG 'A' PLAN | DW27101

F.J. WAILAND ASSOCIATES, INC.
BLACK ROCK BREWERY
BUFFALO, NY

NOT FOR CONSTRUCTION
DRAWING FOR QUOTE & ORDER PURPOSES ONLY
QUOTE CONFIRMATION



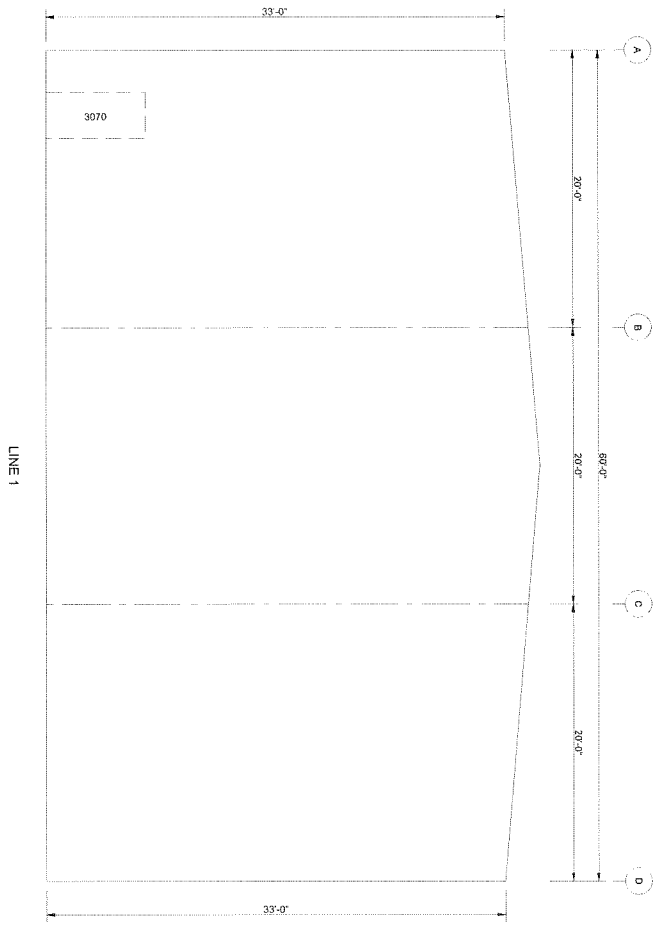


CHIEF BUILDINGS
a division of Chief Industries, Inc.

D2/D4	
BLDG 'A' LINE A&D	
DW27101	

F.J. WAILAND ASSOCIATES, INC.
BLACK ROCK BREWERY
BUFFALO, NY

NOT FOR CONSTRUCTION
DRAWING FOR QUOTE & ORDER PURPOSES ONLY
QUOTE CONFIRMATION

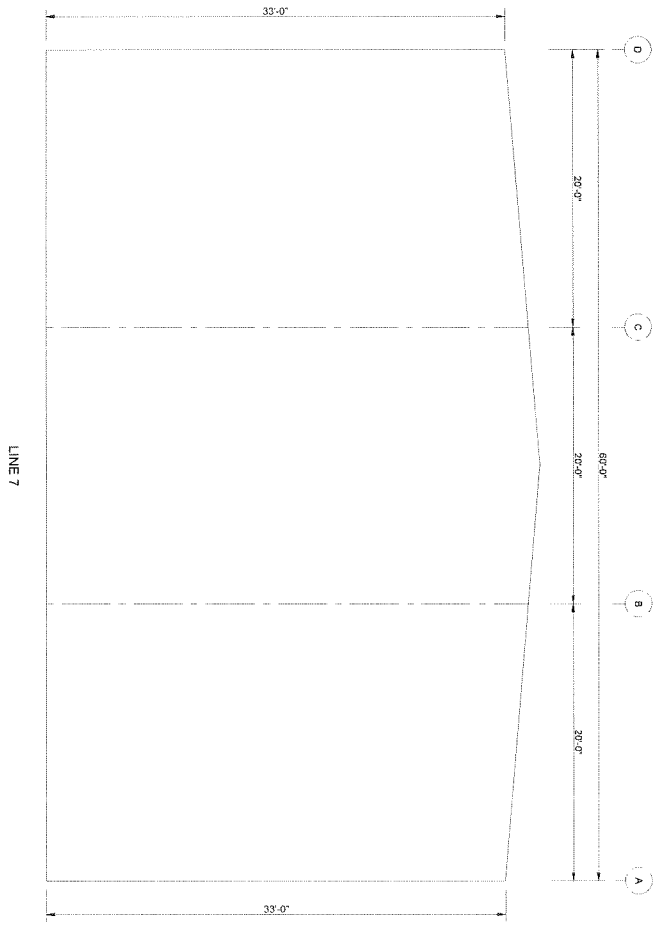


CHIEF BUILDINGS
a division of Chief Industries, Inc.

BLDG 'A'	
LINE 1	
D3/D4	
DW27101	

F.J. WAILAND ASSOCIATES, INC.
BLACK ROCK BREWERY
BUFFALO, NY

NOT FOR CONSTRUCTION
DRAWING FOR QUOTE & ORDER PURPOSES ONLY
QUOTE CONFIRMATION



CHIEF BUILDINGS
a division of Chief Industries, Inc.

D4/D4	
BLDG 'A' LINE 7	
DW27101	

F.J. WAILAND ASSOCIATES, INC.
BLACK ROCK BREWERY
BUFFALO, NY

NOT FOR CONSTRUCTION
DRAWING FOR QUOTE & ORDER PURPOSES ONLY
QUOTE CONFIRMATION

Section III

Property's Environmental History

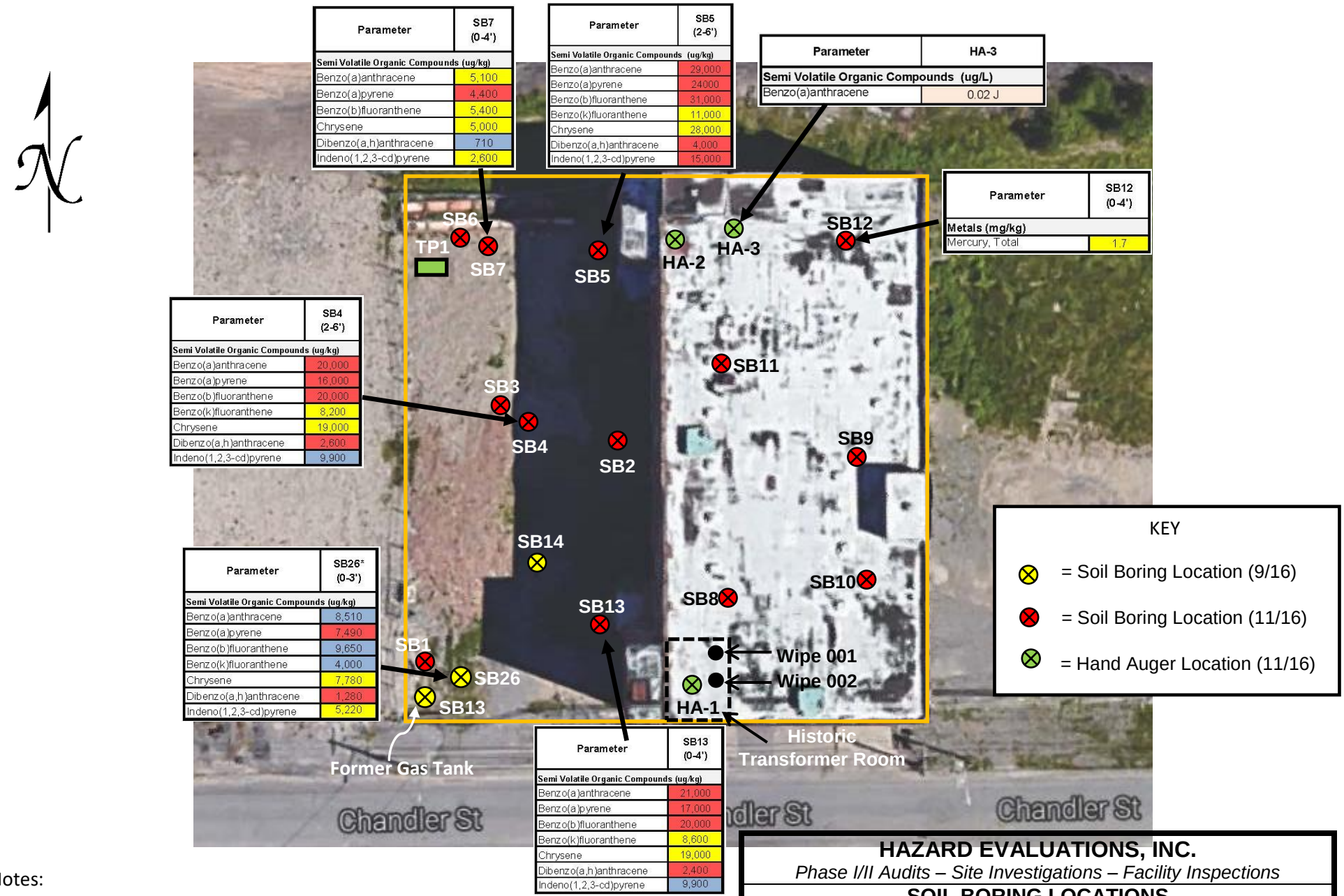
Figure III-A – Sampling Locations

Table III-A – Soil Analytical Testing Results

Table III-B – Groundwater Analytical Testing Results

Soil Boring Logs

Analytical Testing Results



Parameter	SB7 (0-4')
Semi Volatile Organic Compounds (ug/kg)	
Benzo(a)anthracene	5,100
Benzo(a)pyrene	4,400
Benzo(b)fluoranthene	5,400
Chrysene	5,000
Dibenzo(a,h)anthracene	710
Indeno(1,2,3-cd)pyrene	2,600

Parameter	SB5 (2-6')
Semi Volatile Organic Compounds (ug/kg)	
Benzo(a)anthracene	29,000
Benzo(a)pyrene	24000
Benzo(b)fluoranthene	31,000
Benzo(k)fluoranthene	11,000
Chrysene	28,000
Dibenzo(a,h)anthracene	4,000
Indeno(1,2,3-cd)pyrene	15,000

Parameter	HA-3
Semi Volatile Organic Compounds (ug/L)	
Benzo(a)anthracene	0.02 J

Parameter	SB12 (0-4')
Metals (mg/kg)	
Mercury, Total	1.7

Parameter	SB4 (2-6')
Semi Volatile Organic Compounds (ug/kg)	
Benzo(a)anthracene	20,000
Benzo(a)pyrene	16,000
Benzo(b)fluoranthene	20,000
Benzo(k)fluoranthene	8,200
Chrysene	19,000
Dibenzo(a,h)anthracene	2,600
Indeno(1,2,3-cd)pyrene	9,900

Parameter	SB26* (0-3')
Semi Volatile Organic Compounds (ug/kg)	
Benzo(a)anthracene	8,510
Benzo(a)pyrene	7,490
Benzo(b)fluoranthene	9,650
Benzo(k)fluoranthene	4,000
Chrysene	7,780
Dibenzo(a,h)anthracene	1,280
Indeno(1,2,3-cd)pyrene	5,220

Parameter	SB13 (0-4')
Semi Volatile Organic Compounds (ug/kg)	
Benzo(a)anthracene	21,000
Benzo(a)pyrene	17,000
Benzo(b)fluoranthene	20,000
Benzo(k)fluoranthene	8,600
Chrysene	19,000
Dibenzo(a,h)anthracene	2,400
Indeno(1,2,3-cd)pyrene	9,900

KEY

= Soil Boring Location (9/16)

= Soil Boring Location (11/16)

= Hand Auger Location (11/16)

Notes:

1 – Detected concentrations for SVOCs in ppb; metals in ppm

3 - Proposed Cleanup Standards = Restricted Residential

= exceeds Restricted Residential SCO

= exceeds Commercial SCO

= exceeds Industrial SCO

= exceeds Groundwater Standards

HAZARD EVALUATIONS, INC.

Phase I/II Audits – Site Investigations – Facility Inspections

SOIL BORING LOCATIONS

166 CHANDLER STREET

BUFFALO, NEW YORK

166 Chandler Holdings, LLC

BUFFALO, NEW YORK

DRAWN BY: LSH	SCALE: NOT TO SCALE	PROJECT: e1608
CHECKED BY: EB	DATE: 01/17	FIGURE NO: III-A

Table III - A
Soil Analytical Testing Results
166 Chandler Street, Buffalo, New York

Parameter	SB4 (2-6')	SB5 (2-6')	SB7 (0-4')	SB8 (4-6.5')	SB10 (0-4')	SB12 (0-4')	SB13 (0-4')	SB26* (0-3')	HA-1 (0-0.5')	Wipe 001	Wipe 002	Unrestricted Use	Restricted Residential Use	Commercial Use	Industrial Use
Volatile Organic Compounds EPA Method 8260C TCL + STARS (ug/Kg)															
1,2,4-Trimethylbenzene	0.23 J	0.23 J	NT	ND	NT	NT	0.99 J	NT	NT	NT	NT	3,600	52,000	190,000	380,000
1,3,5-Trimethylbenzene	ND	ND	NT	ND	NT	NT	0.48 J	NT	NT	NT	NT	8,400	52,000	190,000	380,000
2-Butanone	3.9 J	ND	NT	4.7 J	NT	NT	ND	NT	NT	NT	NT	120	100,000	500,000	1,000,000
Acetone	26	12	NT	52	NT	NT	13	NT	NT	NT	NT	50	100,000	500,000	1,000,000
Ethylbenzene	ND	ND	NT	ND	NT	NT	0.25 J	NT	NT	NT	NT	1,000	41,000	390,000	780,000
Naphthalene	14	7.6	NT	1.3 J	NT	NT	190	NT	NT	NT	NT	12,000	100,000	500,000	1,000,000
o-Xylene	ND	ND	NT	ND	NT	NT	0.72 J	NT	NT	NT	NT	260	100,000	500,000	1,000,000
p-Isopropyltoluene	ND	ND	NT	ND	NT	NT	17	NT	NT	NT	NT	10,000	NV	NV	NV
p/m-Xylene	ND	ND	NT	ND	NT	NT	0.75 J	NT	NT	NT	NT	260	100,000	500,000	1,000,000
Tetrachloroethene	31	9.6	NT	0.67 J	NT	NT	1.7	NT	NT	NT	NT	1,300	19,000	150,000	300,000
Toluene	ND	ND	NT	ND	NT	NT	0.6 J	NT	NT	NT	NT	700	100,000	500,000	1,000,000
Trichloroethene	0.64 J	ND	NT	ND	NT	NT	ND	NT	NT	NT	NT	470	21,000	200,000	400,000
Semi Volatile Organic Compounds EPA Method 8270D TCL (ug/kg)															
2-Methylnaphthalene	710 J	770 J	260 J	NT	ND	87 J	1,400 J	NT	NT	NT	NT	NV	NV	NV	NV
Acenaphthene	3,800	4,500	950	NT	ND	ND	6,100	1,560	NT	NT	NT	20,000	100,000	500,000	1,000,000
Anthracene	12,000	17,000	2,800	NT	55 J	41 J	18,000	4,190	NT	NT	NT	100,000	100,000	500,000	1,000,000
Benzo(a)anthracene	20,000	29,000	5,100	NT	140	81 J	21,000	8,510	NT	NT	NT	1,000	1,000	5,600	11,000
Benzo(a)pyrene	16,000	24000	4,400	NT	110 J	72 J	17,000	7,490	NT	NT	NT	1,000	1,000	1,000	1,100
Benzo(b)fluoranthene	20,000	31,000	5,400	NT	140	100 J	20,000	9,650	NT	NT	NT	1,000	1,000	5,600	11,000
Benzo(g,h,i)perylene	8,400	12,000	2,200	NT	71 J	58 J	8,700	4,050	NT	NT	NT	100,000	100,000	500,000	1,000,000
Benzo(k)fluoranthene	8,200	11,000	2,200	NT	67 J	33 J	8,600	4,000	NT	NT	NT	800	3,900	56,000	110,000
Bis(2-ethylhexyl)phthalate	ND	19,000	880	NT	ND	ND	ND	NT	NT	NT	NT	NV	NV	NV	NV
Carbazole	5,300	6,600	1,500	NT	26 J	33 J	8,900	NT	NT	NT	NT	NV	NV	NV	NV
Chrysene	19,000	28,000	5,000	NT	130	99 J	19,000	7,780	NT	NT	NT	1,000	3,900	56,000	110,000
Dibenzo(a,h)anthracene	2,600	4,000	710	NT	22 J	ND	2,400	1,280	NT	NT	NT	330	330	560	1,100
Dibenzofuran	2,700	3,300	700	NT	ND	ND	4,900	NT	NT	NT	NT	7,000	59,000	350,000	1,000,000
Fluoranthene	42,000	60,000	10,000	NT	210	160	49,000	17,500	NT	NT	NT	100,000	100,000	500,000	1,000,000
Fluorene	5,200	6,800	1,300	NT	20 J	ND	8,300	1,700	NT	NT	NT	30,000	100,000	500,000	1,000,000
Indeno(1,2,3-cd)pyrene	9,900	15,000	2,600	NT	76 J	60 J	9,900	5,220	NT	NT	NT	500	500	5,600	11,000
Naphthalene	1,600 J	1,600 J	550	NT	ND	64 J	4,500	NT	NT	NT	NT	12,000	100,000	500,000	1,000,000
Phenanthrene	37,000	49,000	9,400	NT	150	200	50,000	14,800	NT	NT	NT	100,000	100,000	500,000	1,000,000
Pyrene	34,000	49,000	8,600	NT	170	140	38,000	15,300	NT	NT	NT	100,000	100,000	500,000	1,000,000
Metals EPA Method 6010 RCRA 8 & Cyanide (mg/kg)															
Arsenic, Total	4.3	4.2	3.1	NT	1.3	1.7	NT	13.1	NT	NT	NT	13	16	16	16
Barium, Total	130	74	86	NT	48	34	NT	99.8	NT	NT	NT	350	400	400	10,000
Cadmium, Total	0.62	0.31 J	0.39 J	NT	ND	0.05 J	NT	0.76	NT	NT	NT	2.5	4.3	9.3	60
Chromium, Total	7.9	5.1	6.2	NT	6.1	5.3	NT	12.3	NT	NT	NT	30	180	1,500	6,800
Lead, Total	100	58	76	NT	6.7	9	NT	54.7	NT	NT	NT	63	400	1,000	3,900
Mercury, Total	0.12	0.16	0.24	NT	0.05 J	1.7	NT	0.10	NT	NT	NT	0.18	0.81	2.8	5.7
PCBs EPA Method 8082 TCL (ug/kg)															
Aroclor 1254	NT	NT	NT	NT	NT	NT	57	0.099	57.2	ND	ND	100	1,000	1,000	25,000
Aroclor 1260	NT	NT	NT	NT	NT	NT	45	0.15	299	4.96	0.894	100	1,000	1,000	25,000
Aroclor 1268	NT	NT	NT	NT	NT	NT	38.4	ND	142	ND	ND	100	1,000	1,000	25,000
Total PCBs	NT	NT	NT	NT	NT	NT	102	0.25	441	4.96	0.894	100	1,000	1,000	25,000

Notes:

1. Analytical testing performed by Alpha Analytical. Compounds detected in one or more samples are presented in this table. Refer to Appendix for the full analytical report.
2. ug/Kg = parts per billion; mg/kg= parts per million.
3. ND = not detected; NT= Not tested.
4. Analytical results compared to NYSDEC Part 375-6; Remedial Program Soil Cleanup Objectives, Table 375-(a) Unrestricted Use Soil Cleanup Objective; and Table 375-6.8(b): Restricted Use Soil Cleanup Objectives.
5. Soil samples collected on 11/29/2016; * = sampled on 9/2/2016
6. Shading indicates: exceeds UUSCO; exceeds CUSCO; exceeds RRUSCO; exceeds IUSCO

Table III - B
Groundwater Analytical Testing Results
166 Chandler Street Buffalo, New York
December 2016

Parameter	HA-3	Class GA Criteria (ug/L)
Volatile Organic Compounds EPA Method 8260C TCL + STARS (ug/L)		
p-Isopropyltoluene	1.4 J	5
Semi Volatile Organic Compounds EPA Method TCL (ug/L)		
Acenaphthene	0.04 J	20
Benzo(a)anthracene	0.02 J	0.002
Fluoranthene	0.04 J	50
Naphthalene	0.07 J	10
Phenanthrene	0.06 J	50

Notes:

1. Analytical testing performed by Alpha Analytical. Compounds detected in one or more samples are pesented in this table. Refer to Appendix for the full analytical report.

2. ug/L = part per billion

3. Analytical results compared to NYSDEC Class GA criteria obtained from the Division of Water Technical and Operational Guidance Series (TOGS 1.1.1), dated October 1993, revised June 1999, January 1999 errata sheet, and April 2000 addendum.

4. Gray shading indicates exceedance of NYSDEC Class GA Criteria.

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: HA-1

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Hand Auger
GW Depth While Drilling	NWWD			Drilling Contractor	HEI
GW Depth at Completion	NWAC			Sampler Type:	Hand Auger

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-0.5	6	Dk Brown Clay Absorbant Material, oily sheen, odor, moist. (FILL)	0
1				Bottom of Hand Auger 0.5' bgs	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: HA-2

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Hand Auger
GW Depth While Drilling	NWWD			Drilling Contractor	HEI
GW Depth at Completion	1.5'			Sampler Type:	Hand Auger

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0.5-1.5	12	Concrete	
1				Brown Silt & Clay, some Concrete, little Gravel, moist. (FILL)	0
				Grades to… wet.	
2				Bottom of Hand Auger 1.5' bgs	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: HA-3

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Hand Auger
GW Depth While Drilling	1'			Drilling Contractor	HEI
GW Depth at Completion	1'			Sampler Type:	Hand Auger

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0.5-1.5	12	Concrete	
1				Brown Silt & Clay, little Gravel, tr. f/c Sand, saturated. (FILL)	0
2				Bottom of Hand Auger 1.5' bgs	

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB1

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	20	Gravel	0
1				Brown Silt & Clay, some Brick, some Gravel, tr. f/c Sand, moist. (FILL)	0
2				Grades to… Dk. Brown, some f/c Sand, little Slag.	0
3				Grades to… tr. Slag, tr. f/c Sand.	0
4	2	4-8	48	Brown SILT & CLAY, tr. f/c Sand, tr. Gravel, moist.	
				Grades to… Red/Brown	0
5					0
6					0
7					0
8	3	8-9.5	40		0
9					0
10				Refusal encountered at 9.5' bgs	
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB2

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	24	Brown Silt & Clay, some f/c Sand, some Brick, some Gravel, moist. (FILL)	0
1					0
2				Grades to… some Wood.	0
3				Grades to… tr. Wood.	0
	2	4-8	24		
4					0
5				Grades to… little Concrete.	0
6					0
7				Red/Brown SILT & CLAY, tr. f/c Sand, tr. Gravel, moist.	0
	3	8-12	48		
8					0
9					0
10					0
11					0
12				Bottom of Boring 12' bgs	
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB3

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	10	Gravel and Concrete	0
1				Dk. Brown Silt & Clay, some f/c Sand, little Wood, tr. Concrete, moist. (FILL)	
					0
2					
					0
3				Grades to… some Brick, tr. Wood, tr. Gravel.	
					0
	2	4-7.5	10		
4				Grades to… tr. f/c Sand, tr. Brick.	0
5					0
6					0
7					0
8				Refusal encountered at 7.5' bgs	
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB4

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	24	Brick and Concrete	0
1				Brown f/c Sand and Brick, little Gravel, moist. (FILL)	0
2					0
3				Brown Silt & Clay, some f/c Sand, some Brick, tr. Concrete, moist. (FILL)	0
4	2	4-8	18	Grades to… Dk. Brown, tr. Slag, tr. Brick.	0
5				Grades to… Some Brick, little f/c Sand.	0
6					0
7				Grades to… wet.	0
8				Refusal encountered at 7.5' bgs	
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB5

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	1.5'			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	20	Brown Silt & Clay, some Gravel, little f/c Sand, tr. Brick, moist. (FILL)	0
1					
				Grades to… some Brick, some f/c Sand, little Slag, wet.	0
2					
					0
3				Grades to… and Brick, little f/c Sand, tr. Slag, tr. Gravel, moist.	
					0
4	2	4-8	20		
					0
5					
					0
6				Grades to… Dk. Brown, tr. Brick, wet.	
				Grades to… and Concrete.	0
7					
				Grades to… tr. Concrete, tr. f/c Sand.	0
8	3	8-12	40	Red/Brown SILT & CLAY, tr. f/c Sand, tr. Gravel, moist.	
					0
9					
					0
10					
					0
11					
					0
12				Bottom of Boring 12' bgs	
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB6

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-2	0	No Recovery	
2				Refusal encountered at 2' bgs	

Notes:	
General Notes:	1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate. 2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur. 3 - f=fine; m=medium; c=coarse 4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB7

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	12	Brown Silt & Clay, some f/c Sand, little Gravel, tr. Brick, moist. (FILL)	0
1					0
2					0
3					0
4	2	4-7.5	12	Grades to… and f/c Sand, some Brick.	0
5					0
6					0
7				Grades to… and Brick.	0
8				Refusal encountered at 7.5' bgs	
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB8

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
				Concrete	
1	1	0.5-4	10	Red/Brown Silt & Clay, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
2					0
3					0
4	2	4-6.5	10		0
5					0
6				Grades to… Dk. Brown, organic odor.	0
7				Refusal encountered at 6.5' bgs	
8					
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB9

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-2	0	No Recovery	
1					
2				Refusal encountered at 2' bgs	
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB10

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY	HEI Representative:	E. Betzold
Project Number:	e1604		
Start Date	11/29/2016 End Date 11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD	Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC	Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	10	Brown Silt & Clay, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
1					0
2					0
3					0
4	2	4-8	48		
				Red/Brown SILT & CLAY, tr. f/c Sand, tr. Gravel, moist.	0
5					0
6					0
7					0
8	3	8-11	40		0
9					0
10					0
11				Refusal encountered at 11' bgs	
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB10

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	20	Concrete	
1				Brown, Silt & Clay, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
2					0
3					0
4	2	4-7.5	40		0
5				Red/Brown SILT & CLAY, tr. f/c Sand, tr. Gravel, moist.	0
6					0
7					0
8				Refusal encountered at 7.5' bgs	
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS

3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB12

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	30	Brown Silt & Clay, some Concrete, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
1					0
2				Grades to… tr. Concrete.	1.0
3					1.6
	2	4-7	24		
4				Brown SILT & CLAY, tr. f/c Sand, tr. Gravel, moist.	1.0
5					0
6					0
7				Refusal encountered at 7' bgs	
8					
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

HAZARD EVALUATIONS
3752 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB13

Project Name & Location	Signature Dev. Phase II 166 Chandler Street Buffalo, NY			HEI Representative:	E. Betzold
Project Number:	e1604				
Start Date	11/29/2016	End Date	11/29/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	Zoladz Env.
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	12	Dk. Brown f/c Sand, some Brick, tr. Gravel, moist. (FILL)	0
1					25
2					5
3					1.0
4	2	4-4.5	0	Grades to… Brown, and Concrete	
5				Refusal encountered at 4.5' bgs	
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
18					
20					
22					
24					

Notes:

General Notes:

1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate.
2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur.
3 - f=fine; m=medium; c=coarse
4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

ANALYTICAL REPORT

Lab Number:	L1638793
Client:	Hazard Evaluations, Inc. 3752 North Buffalo Road Orchard Park, NY 14127
ATTN:	Michele Wittman
Phone:	(716) 667-3130
Project Name:	PHASE II ESA
Project Number:	E1604
Report Date:	12/07/16

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1638793-01	WIPE-001	WIPE	166 CHANDLER ST. BUFFALO, NY	11/29/16 09:25	11/30/16
L1638793-02	WIPE-002	WIPE	166 CHANDLER ST. BUFFALO, NY	11/29/16 09:30	11/30/16
L1638793-03	HA-3	WATER	166 CHANDLER ST. BUFFALO, NY	11/29/16 13:30	11/30/16
L1638793-04	SB13 (0-4')	SOIL	166 CHANDLER ST. BUFFALO, NY	11/29/16 15:30	11/30/16
L1638793-05	SB12 (0-4')	SOIL	166 CHANDLER ST. BUFFALO, NY	11/29/16 14:45	11/30/16
L1638793-06	SB10 (0-4')	SOIL	166 CHANDLER ST. BUFFALO, NY	11/29/16 14:05	11/30/16
L1638793-07	SB8 (4-6.5')	SOIL	166 CHANDLER ST. BUFFALO, NY	11/29/16 13:10	11/30/16
L1638793-08	SB7 (0-4')	SOIL	166 CHANDLER ST. BUFFALO, NY	11/29/16 12:10	11/30/16
L1638793-09	SB5 (2-6')	SOIL	166 CHANDLER ST. BUFFALO, NY	11/29/16 11:25	11/30/16
L1638793-10	SB4 (2-6')	SOIL	166 CHANDLER ST. BUFFALO, NY	11/29/16 11:00	11/30/16
L1638793-11	HA-1	SOIL	166 CHANDLER ST. BUFFALO, NY	11/29/16 09:20	11/30/16

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: PHASE II ESA
Project Number: E1604
Lab Number: L1638793
Report Date: 12/07/16

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1638793-04, -07, -09 and -10: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 12/07/16

ORGANICS

VOLATILES

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-03
Client ID: HA-3
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/05/16 17:11
Analyst: PD

Date Collected: 11/29/16 13:30
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-03 Date Collected: 11/29/16 13:30

Client ID: HA-3 Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	1.4	J	ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	113		70-130

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-04
Client ID: SB13 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/05/16 14:01
Analyst: JC
Percent Solids: 87%

Date Collected: 11/29/16 15:30
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.0	0.26	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	1.7		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.40	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.6	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	0.60	J	ug/kg	1.7	0.22	1
Ethylbenzene	0.25	J	ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	ND		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.36	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-04 Date Collected: 11/29/16 15:30

Client ID: SB13 (0-4') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	0.75	J	ug/kg	2.3	0.40	1
o-Xylene	0.72	J	ug/kg	2.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.16	1
Styrene	ND		ug/kg	2.3	0.46	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	13		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.31	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
2-Hexanone	ND		ug/kg	12	0.77	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
1,2-Dibromoethane	ND		ug/kg	4.6	0.20	1
n-Butylbenzene	ND		ug/kg	1.2	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	17		ug/kg	1.2	0.14	1
Naphthalene	190		ug/kg	5.8	0.16	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	0.48	J	ug/kg	5.8	0.16	1
1,2,4-Trimethylbenzene	0.99	J	ug/kg	5.8	0.16	1
Methyl Acetate	ND		ug/kg	23	0.31	1
Cyclohexane	ND		ug/kg	23	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
Freon-113	ND		ug/kg	23	0.32	1
Methyl cyclohexane	ND		ug/kg	4.6	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	100		70-130

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-07
Client ID: SB8 (4-6.5')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/05/16 14:29
Analyst: JC
Percent Solids: 81%

Date Collected: 11/29/16 13:10
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	0.67	J	ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.14	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-07 Date Collected: 11/29/16 13:10

Client ID: SB8 (4-6.5') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.43	1
o-Xylene	ND		ug/kg	2.5	0.42	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	52		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	4.7	J	ug/kg	12	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	1.3	J	ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.17	1
Methyl Acetate	ND		ug/kg	25	0.33	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	102		70-130

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-09
Client ID: SB5 (2-6')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/05/16 14:56
Analyst: JC
Percent Solids: 84%

Date Collected: 11/29/16 11:25
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	9.6		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.16	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-09 Date Collected: 11/29/16 11:25

Client ID: SB5 (2-6') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.42	1
o-Xylene	ND		ug/kg	2.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Styrene	ND		ug/kg	2.4	0.48	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	12		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.32	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
2-Hexanone	ND		ug/kg	12	0.80	1
Bromochloromethane	ND		ug/kg	6.0	0.33	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.47	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	7.6		ug/kg	6.0	0.16	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.0	0.17	1
1,2,4-Trimethylbenzene	0.23	J	ug/kg	6.0	0.17	1
Methyl Acetate	ND		ug/kg	24	0.32	1
Cyclohexane	ND		ug/kg	24	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
Freon-113	ND		ug/kg	24	0.33	1
Methyl cyclohexane	ND		ug/kg	4.8	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	101		70-130

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-10
Client ID: SB4 (2-6')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/05/16 15:23
Analyst: JC
Percent Solids: 84%

Date Collected: 11/29/16 11:00
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.44	1
Carbon tetrachloride	ND		ug/kg	1.2	0.25	1
1,2-Dichloropropane	ND		ug/kg	4.2	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.36	1
Tetrachloroethene	31		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.0	0.46	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.8	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	6.0	0.35	1
Bromomethane	ND		ug/kg	2.4	0.40	1
Vinyl chloride	ND		ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	0.64	J	ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.16	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-10 Date Collected: 11/29/16 11:00

Client ID: SB4 (2-6') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.42	1
o-Xylene	ND		ug/kg	2.4	0.40	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Styrene	ND		ug/kg	2.4	0.48	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	26		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	3.9	J	ug/kg	12	0.32	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.29	1
2-Hexanone	ND		ug/kg	12	0.79	1
Bromochloromethane	ND		ug/kg	6.0	0.33	1
1,2-Dibromoethane	ND		ug/kg	4.8	0.21	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	0.47	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	14		ug/kg	6.0	0.16	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.0	0.17	1
1,2,4-Trimethylbenzene	0.23	J	ug/kg	6.0	0.17	1
Methyl Acetate	ND		ug/kg	24	0.32	1
Cyclohexane	ND		ug/kg	24	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
Freon-113	ND		ug/kg	24	0.33	1
Methyl cyclohexane	ND		ug/kg	4.8	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/05/16 10:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG958358-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/05/16 10:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG958358-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/05/16 10:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG958358-5					
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	107		70-130

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/05/16 08:33
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04,07,09-10 Batch: WG958370-5					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/05/16 08:33
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04,07,09-10 Batch: WG958370-5					
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.35
o-Xylene	ND		ug/kg	2.0	0.34
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
Freon-113	ND		ug/kg	20	0.27

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/05/16 08:33
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04,07,09-10 Batch: WG958370-5					
Methyl cyclohexane	ND		ug/kg	4.0	0.15

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG958358-3 WG958358-4								
Methylene chloride	93		91		70-130	2		20
1,1-Dichloroethane	98		96		70-130	2		20
Chloroform	100		99		70-130	1		20
2-Chloroethylvinyl ether	**59**	Q	**56**	Q	70-130	5		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	93		91		70-130	2		20
Dibromochloromethane	95		92		63-130	3		20
1,1,2-Trichloroethane	91		89		70-130	2		20
Tetrachloroethene	96		94		70-130	2		20
Chlorobenzene	93		91		75-130	2		20
Trichlorofluoromethane	99		93		62-150	6		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		99		67-130	1		20
trans-1,3-Dichloropropene	84		83		70-130	1		20
cis-1,3-Dichloropropene	96		94		70-130	2		20
1,1-Dichloropropene	100		98		70-130	2		20
Bromoform	86		85		54-136	1		20
1,1,2,2-Tetrachloroethane	86		86		67-130	0		20
Benzene	96		94		70-130	2		20
Toluene	92		90		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG958358-3 WG958358-4								
Ethylbenzene	99		96		70-130	3		20
Chloromethane	**54**	Q	**53**	Q	64-130	2		20
Bromomethane	71		70		39-139	1		20
Vinyl chloride	66		64		55-140	3		20
Chloroethane	90		90		55-138	0		20
1,1-Dichloroethene	94		89		61-145	5		20
trans-1,2-Dichloroethene	95		92		70-130	3		20
Trichloroethene	99		96		70-130	3		20
1,2-Dichlorobenzene	92		92		70-130	0		20
1,3-Dichlorobenzene	93		92		70-130	1		20
1,4-Dichlorobenzene	92		92		70-130	0		20
Methyl tert butyl ether	98		96		63-130	2		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	95		94		70-130	1		20
Dibromomethane	97		95		70-130	2		20
1,2,3-Trichloropropane	92		90		64-130	2		20
Acrylonitrile	95		91		70-130	4		20
Isopropyl Ether	100		100		70-130	0		20
tert-Butyl Alcohol	102		98		70-130	4		20
Styrene	100		95		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG958358-3 WG958358-4								
Dichlorodifluoromethane	41		41		36-147	0		20
Acetone	94		88		58-148	7		20
Carbon disulfide	84		81		51-130	4		20
2-Butanone	87		84		63-138	4		20
Vinyl acetate	100		97		70-130	3		20
4-Methyl-2-pentanone	72		68		59-130	6		20
2-Hexanone	67		64		57-130	5		20
Acrolein	85		82		40-160	4		20
Bromochloromethane	98		97		70-130	1		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	91		90		70-130	1		20
1,3-Dichloropropane	93		91		70-130	2		20
1,1,1,2-Tetrachloroethane	97		95		64-130	2		20
Bromobenzene	90		91		70-130	1		20
n-Butylbenzene	100		98		53-136	2		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	98		97		70-130	1		20
o-Chlorotoluene	86		86		70-130	0		20
p-Chlorotoluene	97		97		70-130	0		20
1,2-Dibromo-3-chloropropane	70		70		41-144	0		20
Hexachlorobutadiene	93		91		63-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG958358-3 WG958358-4								
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	90		90		70-130	0		20
Naphthalene	**66**	Q	**65**	Q	70-130	2		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	83		80		70-130	4		20
1,2,4-Trichlorobenzene	85		84		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
Methyl Acetate	95		94		70-130	1		20
Ethyl Acetate	99		95		70-130	4		20
Cyclohexane	100		99		70-130	1		20
Ethyl-Tert-Butyl-Ether	100		100		70-130	0		20
Tertiary-Amyl Methyl Ether	90		90		66-130	0		20
1,4-Dioxane	100		88		56-162	13		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	100		100		70-130	0		20
p-Diethylbenzene	96		95		70-130	1		20
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	93		93		70-130	0		20
Tetrahydrofuran	94		89		58-130	5		20
Ethyl ether	89		90		59-134	1		20
trans-1,4-Dichloro-2-butene	85		82		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG958358-3 WG958358-4								
Iodomethane	**49**	Q	**50**	Q	70-130	2		20
Methyl cyclohexane	100		95		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		114		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	107		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,07,09-10 Batch: WG958370-3 WG958370-4								
Methylene chloride	95		90		70-130	5		30
1,1-Dichloroethane	93		88		70-130	6		30
Chloroform	96		93		70-130	3		30
Carbon tetrachloride	95		88		70-130	8		30
1,2-Dichloropropane	91		88		70-130	3		30
Dibromochloromethane	98		96		70-130	2		30
2-Chloroethylvinyl ether	86		88		70-130	2		30
1,1,2-Trichloroethane	98		96		70-130	2		30
Tetrachloroethene	97		89		70-130	9		30
Chlorobenzene	96		92		70-130	4		30
Trichlorofluoromethane	120		104		70-139	14		30
1,2-Dichloroethane	99		100		70-130	1		30
1,1,1-Trichloroethane	99		91		70-130	8		30
Bromodichloromethane	96		93		70-130	3		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	94		92		70-130	2		30
1,1-Dichloropropene	94		86		70-130	9		30
Bromoform	92		93		70-130	1		30
1,1,2,2-Tetrachloroethane	91		93		70-130	2		30
Benzene	90		85		70-130	6		30
Toluene	93		87		70-130	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,07,09-10 Batch: WG958370-3 WG958370-4								
Ethylbenzene	96		90		70-130	6		30
Chloromethane	82		73		52-130	12		30
Bromomethane	120		115		57-147	4		30
Vinyl chloride	90		82		67-130	9		30
Chloroethane	106		100		50-151	6		30
1,1-Dichloroethene	97		84		65-135	14		30
trans-1,2-Dichloroethene	94		87		70-130	8		30
Trichloroethene	94		88		70-130	7		30
1,2-Dichlorobenzene	97		94		70-130	3		30
1,3-Dichlorobenzene	96		94		70-130	2		30
1,4-Dichlorobenzene	98		94		70-130	4		30
Methyl tert butyl ether	97		99		66-130	2		30
p/m-Xylene	97		91		70-130	6		30
o-Xylene	99		94		70-130	5		30
cis-1,2-Dichloroethene	94		90		70-130	4		30
Dibromomethane	98		99		70-130	1		30
Styrene	98		94		70-130	4		30
Dichlorodifluoromethane	98		86		30-146	13		30
Acetone	104		96		54-140	8		30
Carbon disulfide	88		78		59-130	12		30
2-Butanone	81		79		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,07,09-10 Batch: WG958370-3 WG958370-4								
Vinyl acetate	90		90		70-130	0		30
4-Methyl-2-pentanone	87		88		70-130	1		30
1,2,3-Trichloropropane	95		95		68-130	0		30
2-Hexanone	84		85		70-130	1		30
Bromochloromethane	97		100		70-130	3		30
2,2-Dichloropropane	97		90		70-130	7		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	97		95		69-130	2		30
1,1,1,2-Tetrachloroethane	98		96		70-130	2		30
Bromobenzene	96		95		70-130	1		30
n-Butylbenzene	93		86		70-130	8		30
sec-Butylbenzene	92		86		70-130	7		30
tert-Butylbenzene	95		88		70-130	8		30
o-Chlorotoluene	91		89		70-130	2		30
p-Chlorotoluene	96		91		70-130	5		30
1,2-Dibromo-3-chloropropane	92		92		68-130	0		30
Hexachlorobutadiene	94		86		67-130	9		30
Isopropylbenzene	93		87		70-130	7		30
p-Isopropyltoluene	94		88		70-130	7		30
Naphthalene	95		95		70-130	0		30
Acrylonitrile	92		91		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,07,09-10 Batch: WG958370-3 WG958370-4								
Isopropyl Ether	84		83		66-130	1		30
tert-Butyl Alcohol	93		95		70-130	2		30
n-Propylbenzene	93		87		70-130	7		30
1,2,3-Trichlorobenzene	99		96		70-130	3		30
1,2,4-Trichlorobenzene	99		94		70-130	5		30
1,3,5-Trimethylbenzene	94		90		70-130	4		30
1,2,4-Trimethylbenzene	96		91		70-130	5		30
Methyl Acetate	86		82		51-146	5		30
Ethyl Acetate	86		87		70-130	1		30
Acrolein	82		92		70-130	11		30
Cyclohexane	86		76		59-142	12		30
1,4-Dioxane	99		98		65-136	1		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	99		80		50-139	21		30
p-Diethylbenzene	92		86		70-130	7		30
p-Ethyltoluene	91		86		70-130	6		30
1,2,4,5-Tetramethylbenzene	93		88		70-130	6		30
Tetrahydrofuran	92		92		66-130	0		30
Ethyl ether	104		102		67-130	2		30
trans-1,4-Dichloro-2-butene	92		95		70-130	3		30
Methyl cyclohexane	83		74		70-130	11		30
Ethyl-Tert-Butyl-Ether	90		89		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04,07,09-10 Batch: WG958370-3 WG958370-4								
Tertiary-Amyl Methyl Ether	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		108		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	98		99		70-130
Dibromofluoromethane	99		97		70-130

SEMIVOLATILES

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-03
Client ID: HA-3
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/05/16 16:48
Analyst: MW

Date Collected: 11/29/16 13:30
Date Received: 11/30/16
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 12/03/16 18:48

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84	1
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63	1
Hexachlorocyclopentadiene	ND		ug/l	20	7.8	1
Isophorone	ND		ug/l	5.0	0.60	1
Nitrobenzene	ND		ug/l	2.0	0.75	1
NDPA/DPA	ND		ug/l	2.0	0.64	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.3	1
Di-n-butylphthalate	ND		ug/l	5.0	0.69	1
Di-n-octylphthalate	ND		ug/l	5.0	1.1	1
Diethyl phthalate	ND		ug/l	5.0	0.63	1
Dimethyl phthalate	ND		ug/l	5.0	0.65	1
Biphenyl	ND		ug/l	2.0	0.76	1
4-Chloroaniline	ND		ug/l	5.0	0.63	1
2-Nitroaniline	ND		ug/l	5.0	1.1	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.3	1
Dibenzofuran	ND		ug/l	2.0	0.66	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67	1
Acetophenone	ND		ug/l	5.0	0.85	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.62	1
2-Chlorophenol	ND		ug/l	2.0	0.63	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-03 Date Collected: 11/29/16 13:30

Client ID: HA-3 Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4-Dichlorophenol	ND		ug/l	5.0	0.77	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.6	1
2-Nitrophenol	ND		ug/l	10	1.5	1
4-Nitrophenol	ND		ug/l	10	1.8	1
2,4-Dinitrophenol	ND		ug/l	20	5.5	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1	1
Phenol	ND		ug/l	5.0	1.9	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72	1
Carbazole	ND		ug/l	2.0	0.63	1
Atrazine	ND		ug/l	10	1.8	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	3.6	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	74		41-149

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-03
Client ID: HA-3
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/06/16 15:17
Analyst: KL

Date Collected: 11/29/16 13:30
Date Received: 11/30/16
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 12/03/16 18:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.04	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.07	J	ug/l	0.20	0.04	1
Benzo(a)anthracene	0.02	J	ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	ND		ug/l	0.20	0.04	1
Anthracene	ND		ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	0.06	J	ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04	1
Pyrene	ND		ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-03 Date Collected: 11/29/16 13:30

Client ID: HA-3 Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	71		41-149

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-04 D
Client ID: SB13 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/07/16 10:31
Analyst: RC
Percent Solids: 87%

Date Collected: 11/29/16 15:30
Date Received: 11/30/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/02/16 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6100		ug/kg	1500	200	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1700	260	10
2-Chloronaphthalene	ND		ug/kg	1900	190	10
3,3'-Dichlorobenzidine	ND		ug/kg	1900	510	10
2,4-Dinitrotoluene	ND		ug/kg	1900	380	10
2,6-Dinitrotoluene	ND		ug/kg	1900	330	10
Fluoranthene	49000		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1900	200	10
4-Bromophenyl phenyl ether	ND		ug/kg	1900	290	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	190	10
Hexachlorobutadiene	ND		ug/kg	1900	280	10
Hexachlorocyclopentadiene	ND		ug/kg	5500	1700	10
Hexachloroethane	ND		ug/kg	1500	310	10
Isophorone	ND		ug/kg	1700	250	10
Naphthalene	4500		ug/kg	1900	230	10
Nitrobenzene	ND		ug/kg	1700	280	10
NDPA/DPA	ND		ug/kg	1500	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1900	300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1900	670	10
Butyl benzyl phthalate	ND		ug/kg	1900	480	10
Di-n-butylphthalate	ND		ug/kg	1900	360	10
Di-n-octylphthalate	ND		ug/kg	1900	650	10
Diethyl phthalate	ND		ug/kg	1900	180	10
Dimethyl phthalate	ND		ug/kg	1900	400	10
Benzo(a)anthracene	21000		ug/kg	1200	220	10
Benzo(a)pyrene	17000		ug/kg	1500	470	10
Benzo(b)fluoranthene	20000		ug/kg	1200	320	10
Benzo(k)fluoranthene	8600		ug/kg	1200	310	10

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-04 D Date Collected: 11/29/16 15:30

Client ID: SB13 (0-4') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	19000		ug/kg	1200	200	10
Acenaphthylene	ND		ug/kg	1500	300	10
Anthracene	18000		ug/kg	1200	380	10
Benzo(ghi)perylene	8700		ug/kg	1500	230	10
Fluorene	8300		ug/kg	1900	190	10
Phenanthrene	50000		ug/kg	1200	230	10
Dibenzo(a,h)anthracene	2400		ug/kg	1200	220	10
Indeno(1,2,3-cd)pyrene	9900		ug/kg	1500	270	10
Pyrene	38000		ug/kg	1200	190	10
Biphenyl	ND		ug/kg	4400	450	10
4-Chloroaniline	ND		ug/kg	1900	350	10
2-Nitroaniline	ND		ug/kg	1900	370	10
3-Nitroaniline	ND		ug/kg	1900	360	10
4-Nitroaniline	ND		ug/kg	1900	800	10
Dibenzofuran	4900		ug/kg	1900	180	10
2-Methylnaphthalene	1400	J	ug/kg	2300	230	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1900	200	10
Acetophenone	ND		ug/kg	1900	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	360	10
p-Chloro-m-cresol	ND		ug/kg	1900	290	10
2-Chlorophenol	ND		ug/kg	1900	230	10
2,4-Dichlorophenol	ND		ug/kg	1700	310	10
2,4-Dimethylphenol	ND		ug/kg	1900	640	10
2-Nitrophenol	ND		ug/kg	4200	720	10
4-Nitrophenol	ND		ug/kg	2700	780	10
2,4-Dinitrophenol	ND		ug/kg	9200	900	10
4,6-Dinitro-o-cresol	ND		ug/kg	5000	920	10
Pentachlorophenol	ND		ug/kg	1500	420	10
Phenol	ND		ug/kg	1900	290	10
2-Methylphenol	ND		ug/kg	1900	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	300	10
2,4,5-Trichlorophenol	ND		ug/kg	1900	370	10
Carbazole	8900		ug/kg	1900	190	10
Atrazine	ND		ug/kg	1500	670	10
Benzaldehyde	ND		ug/kg	2500	520	10
Caprolactam	ND		ug/kg	1900	580	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1900	390	10

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-04 D Date Collected: 11/29/16 15:30

Client ID: SB13 (0-4') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		25-120
Phenol-d6	52		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	56		18-120

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-05
Client ID: SB12 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/06/16 22:18
Analyst: RC
Percent Solids: 88%

Date Collected: 11/29/16 14:45
Date Received: 11/30/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/02/16 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	160		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	64	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	81	J	ug/kg	110	21.	1
Benzo(a)pyrene	72	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	100	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	33	J	ug/kg	110	30.	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-05 Date Collected: 11/29/16 14:45

Client ID: SB12 (0-4') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	99	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	41	J	ug/kg	110	36.	1
Benzo(ghi)perylene	58	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	60	J	ug/kg	150	26.	1
Pyrene	140		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	87	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	33	J	ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-05 Date Collected: 11/29/16 14:45

Client ID: SB12 (0-4') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	51		18-120

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-06
Client ID: SB10 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/06/16 22:43
Analyst: RC
Percent Solids: 86%

Date Collected: 11/29/16 14:05
Date Received: 11/30/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/02/16 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	210		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	140		ug/kg	120	22.	1
Benzo(a)pyrene	110	J	ug/kg	160	47.	1
Benzo(b)fluoranthene	140		ug/kg	120	33.	1
Benzo(k)fluoranthene	67	J	ug/kg	120	31.	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-06 Date Collected: 11/29/16 14:05

Client ID: SB10 (0-4') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	130		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	55	J	ug/kg	120	38.	1
Benzo(ghi)perylene	71	J	ug/kg	160	23.	1
Fluorene	20	J	ug/kg	190	19.	1
Phenanthrene	150		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	22	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	76	J	ug/kg	160	27.	1
Pyrene	170		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	26	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-06 Date Collected: 11/29/16 14:05

Client ID: SB10 (0-4') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	38		18-120

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-08 D
Client ID: SB7 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/07/16 10:58
Analyst: RC
Percent Solids: 87%

Date Collected: 11/29/16 12:10
Date Received: 11/30/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/02/16 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	950		ug/kg	300	39.	2
Hexachlorobenzene	ND		ug/kg	230	42.	2
Bis(2-chloroethyl)ether	ND		ug/kg	340	51.	2
2-Chloronaphthalene	ND		ug/kg	380	37.	2
3,3'-Dichlorobenzidine	ND		ug/kg	380	100	2
2,4-Dinitrotoluene	ND		ug/kg	380	76.	2
2,6-Dinitrotoluene	ND		ug/kg	380	65.	2
Fluoranthene	10000		ug/kg	230	43.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	380	40.	2
4-Bromophenyl phenyl ether	ND		ug/kg	380	58.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	450	64.	2
Bis(2-chloroethoxy)methane	ND		ug/kg	410	38.	2
Hexachlorobutadiene	ND		ug/kg	380	55.	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	340	2
Hexachloroethane	ND		ug/kg	300	61.	2
Isophorone	ND		ug/kg	340	49.	2
Naphthalene	550		ug/kg	380	46.	2
Nitrobenzene	ND		ug/kg	340	56.	2
NDPA/DPA	ND		ug/kg	300	43.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	380	58.	2
Bis(2-ethylhexyl)phthalate	880		ug/kg	380	130	2
Butyl benzyl phthalate	ND		ug/kg	380	95.	2
Di-n-butylphthalate	ND		ug/kg	380	72.	2
Di-n-octylphthalate	ND		ug/kg	380	130	2
Diethyl phthalate	ND		ug/kg	380	35.	2
Dimethyl phthalate	ND		ug/kg	380	79.	2
Benzo(a)anthracene	5100		ug/kg	230	42.	2
Benzo(a)pyrene	4400		ug/kg	300	92.	2
Benzo(b)fluoranthene	5400		ug/kg	230	64.	2
Benzo(k)fluoranthene	2200		ug/kg	230	60.	2

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-08 D Date Collected: 11/29/16 12:10

Client ID: SB7 (0-4') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	5000		ug/kg	230	39.	2
Acenaphthylene	ND		ug/kg	300	58.	2
Anthracene	2800		ug/kg	230	74.	2
Benzo(ghi)perylene	2200		ug/kg	300	44.	2
Fluorene	1300		ug/kg	380	37.	2
Phenanthrene	9400		ug/kg	230	46.	2
Dibenzo(a,h)anthracene	710		ug/kg	230	44.	2
Indeno(1,2,3-cd)pyrene	2600		ug/kg	300	53.	2
Pyrene	8600		ug/kg	230	38.	2
Biphenyl	ND		ug/kg	860	88.	2
4-Chloroaniline	ND		ug/kg	380	69.	2
2-Nitroaniline	ND		ug/kg	380	73.	2
3-Nitroaniline	ND		ug/kg	380	71.	2
4-Nitroaniline	ND		ug/kg	380	160	2
Dibenzofuran	700		ug/kg	380	36.	2
2-Methylnaphthalene	260	J	ug/kg	450	46.	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	380	39.	2
Acetophenone	ND		ug/kg	380	47.	2
2,4,6-Trichlorophenol	ND		ug/kg	230	72.	2
p-Chloro-m-cresol	ND		ug/kg	380	56.	2
2-Chlorophenol	ND		ug/kg	380	45.	2
2,4-Dichlorophenol	ND		ug/kg	340	61.	2
2,4-Dimethylphenol	ND		ug/kg	380	120	2
2-Nitrophenol	ND		ug/kg	820	140	2
4-Nitrophenol	ND		ug/kg	530	150	2
2,4-Dinitrophenol	ND		ug/kg	1800	180	2
4,6-Dinitro-o-cresol	ND		ug/kg	980	180	2
Pentachlorophenol	ND		ug/kg	300	83.	2
Phenol	ND		ug/kg	380	57.	2
2-Methylphenol	ND		ug/kg	380	58.	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	540	59.	2
2,4,5-Trichlorophenol	ND		ug/kg	380	72.	2
Carbazole	1500		ug/kg	380	37.	2
Atrazine	ND		ug/kg	300	130	2
Benzaldehyde	ND		ug/kg	500	100	2
Caprolactam	ND		ug/kg	380	110	2
2,3,4,6-Tetrachlorophenol	ND		ug/kg	380	76.	2

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-08 D Date Collected: 11/29/16 12:10

Client ID: SB7 (0-4') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	32		25-120
Phenol-d6	44		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	12		10-136
4-Terphenyl-d14	42		18-120

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-09 D
Client ID: SB5 (2-6')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/07/16 11:25
Analyst: RC
Percent Solids: 84%

Date Collected: 11/29/16 11:25
Date Received: 11/30/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/02/16 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4500		ug/kg	1600	200	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	260	10
2-Chloronaphthalene	ND		ug/kg	2000	190	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	520	10
2,4-Dinitrotoluene	ND		ug/kg	2000	390	10
2,6-Dinitrotoluene	ND		ug/kg	2000	340	10
Fluoranthene	60000		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2300	330	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	200	10
Hexachlorobutadiene	ND		ug/kg	2000	290	10
Hexachlorocyclopentadiene	ND		ug/kg	5600	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	250	10
Naphthalene	1600	J	ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	300	10
Bis(2-ethylhexyl)phthalate	19000		ug/kg	2000	680	10
Butyl benzyl phthalate	ND		ug/kg	2000	490	10
Di-n-butylphthalate	ND		ug/kg	2000	370	10
Di-n-octylphthalate	ND		ug/kg	2000	660	10
Diethyl phthalate	ND		ug/kg	2000	180	10
Dimethyl phthalate	ND		ug/kg	2000	410	10
Benzo(a)anthracene	29000		ug/kg	1200	220	10
Benzo(a)pyrene	24000		ug/kg	1600	480	10
Benzo(b)fluoranthene	31000		ug/kg	1200	330	10
Benzo(k)fluoranthene	11000		ug/kg	1200	310	10

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-09 D Date Collected: 11/29/16 11:25

Client ID: SB5 (2-6') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	28000		ug/kg	1200	200	10
Acenaphthylene	ND		ug/kg	1600	300	10
Anthracene	17000		ug/kg	1200	380	10
Benzo(ghi)perylene	12000		ug/kg	1600	230	10
Fluorene	6800		ug/kg	2000	190	10
Phenanthrene	49000		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	4000		ug/kg	1200	230	10
Indeno(1,2,3-cd)pyrene	15000		ug/kg	1600	270	10
Pyrene	49000		ug/kg	1200	190	10
Biphenyl	ND		ug/kg	4500	450	10
4-Chloroaniline	ND		ug/kg	2000	360	10
2-Nitroaniline	ND		ug/kg	2000	380	10
3-Nitroaniline	ND		ug/kg	2000	370	10
4-Nitroaniline	ND		ug/kg	2000	810	10
Dibenzofuran	3300		ug/kg	2000	180	10
2-Methylnaphthalene	770	J	ug/kg	2300	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	200	10
Acetophenone	ND		ug/kg	2000	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	2000	290	10
2-Chlorophenol	ND		ug/kg	2000	230	10
2,4-Dichlorophenol	ND		ug/kg	1800	310	10
2,4-Dimethylphenol	ND		ug/kg	2000	650	10
2-Nitrophenol	ND		ug/kg	4200	740	10
4-Nitrophenol	ND		ug/kg	2700	800	10
2,4-Dinitrophenol	ND		ug/kg	9400	910	10
4,6-Dinitro-o-cresol	ND		ug/kg	5100	940	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	ND		ug/kg	2000	300	10
2-Methylphenol	ND		ug/kg	2000	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	310	10
2,4,5-Trichlorophenol	ND		ug/kg	2000	380	10
Carbazole	6600		ug/kg	2000	190	10
Atrazine	ND		ug/kg	1600	680	10
Benzaldehyde	ND		ug/kg	2600	530	10
Caprolactam	ND		ug/kg	2000	600	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2000	400	10

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-09 D Date Collected: 11/29/16 11:25

Client ID: SB5 (2-6') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		25-120
Phenol-d6	40		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	30		10-136
4-Terphenyl-d14	53		18-120

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-10 D
Client ID: SB4 (2-6')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/07/16 11:51
Analyst: RC
Percent Solids: 84%

Date Collected: 11/29/16 11:00
Date Received: 11/30/16
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 12/02/16 16:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3800		ug/kg	1600	200	10
Hexachlorobenzene	ND		ug/kg	1200	220	10
Bis(2-chloroethyl)ether	ND		ug/kg	1800	270	10
2-Chloronaphthalene	ND		ug/kg	2000	200	10
3,3'-Dichlorobenzidine	ND		ug/kg	2000	520	10
2,4-Dinitrotoluene	ND		ug/kg	2000	390	10
2,6-Dinitrotoluene	ND		ug/kg	2000	340	10
Fluoranthene	42000		ug/kg	1200	220	10
4-Chlorophenyl phenyl ether	ND		ug/kg	2000	210	10
4-Bromophenyl phenyl ether	ND		ug/kg	2000	300	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2400	340	10
Bis(2-chloroethoxy)methane	ND		ug/kg	2100	200	10
Hexachlorobutadiene	ND		ug/kg	2000	290	10
Hexachlorocyclopentadiene	ND		ug/kg	5600	1800	10
Hexachloroethane	ND		ug/kg	1600	320	10
Isophorone	ND		ug/kg	1800	260	10
Naphthalene	1600	J	ug/kg	2000	240	10
Nitrobenzene	ND		ug/kg	1800	290	10
NDPA/DPA	ND		ug/kg	1600	220	10
n-Nitrosodi-n-propylamine	ND		ug/kg	2000	300	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	2000	680	10
Butyl benzyl phthalate	ND		ug/kg	2000	500	10
Di-n-butylphthalate	ND		ug/kg	2000	370	10
Di-n-octylphthalate	ND		ug/kg	2000	670	10
Diethyl phthalate	ND		ug/kg	2000	180	10
Dimethyl phthalate	ND		ug/kg	2000	410	10
Benzo(a)anthracene	20000		ug/kg	1200	220	10
Benzo(a)pyrene	16000		ug/kg	1600	480	10
Benzo(b)fluoranthene	20000		ug/kg	1200	330	10
Benzo(k)fluoranthene	8200		ug/kg	1200	310	10

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-10 D Date Collected: 11/29/16 11:00

Client ID: SB4 (2-6') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Chrysene	19000		ug/kg	1200	200	10
Acenaphthylene	ND		ug/kg	1600	300	10
Anthracene	12000		ug/kg	1200	380	10
Benzo(ghi)perylene	8400		ug/kg	1600	230	10
Fluorene	5200		ug/kg	2000	190	10
Phenanthrene	37000		ug/kg	1200	240	10
Dibenzo(a,h)anthracene	2600		ug/kg	1200	230	10
Indeno(1,2,3-cd)pyrene	9900		ug/kg	1600	270	10
Pyrene	34000		ug/kg	1200	200	10
Biphenyl	ND		ug/kg	4500	460	10
4-Chloroaniline	ND		ug/kg	2000	360	10
2-Nitroaniline	ND		ug/kg	2000	380	10
3-Nitroaniline	ND		ug/kg	2000	370	10
4-Nitroaniline	ND		ug/kg	2000	810	10
Dibenzofuran	2700		ug/kg	2000	190	10
2-Methylnaphthalene	710	J	ug/kg	2400	240	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	2000	200	10
Acetophenone	ND		ug/kg	2000	240	10
2,4,6-Trichlorophenol	ND		ug/kg	1200	370	10
p-Chloro-m-cresol	ND		ug/kg	2000	290	10
2-Chlorophenol	ND		ug/kg	2000	230	10
2,4-Dichlorophenol	ND		ug/kg	1800	320	10
2,4-Dimethylphenol	ND		ug/kg	2000	650	10
2-Nitrophenol	ND		ug/kg	4200	740	10
4-Nitrophenol	ND		ug/kg	2800	800	10
2,4-Dinitrophenol	ND		ug/kg	9400	920	10
4,6-Dinitro-o-cresol	ND		ug/kg	5100	940	10
Pentachlorophenol	ND		ug/kg	1600	430	10
Phenol	ND		ug/kg	2000	300	10
2-Methylphenol	ND		ug/kg	2000	300	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2800	310	10
2,4,5-Trichlorophenol	ND		ug/kg	2000	380	10
Carbazole	5300		ug/kg	2000	190	10
Atrazine	ND		ug/kg	1600	690	10
Benzaldehyde	ND		ug/kg	2600	530	10
Caprolactam	ND		ug/kg	2000	600	10
2,3,4,6-Tetrachlorophenol	ND		ug/kg	2000	400	10

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-10 D Date Collected: 11/29/16 11:00

Client ID: SB4 (2-6') Date Received: 11/30/16

Sample Location: 166 CHANDLER ST. BUFFALO, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		25-120
Phenol-d6	39		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	22		10-136
4-Terphenyl-d14	58		18-120

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/06/16 15:34
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 12/02/16 16:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-06,08-10 Batch: WG957644-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	100	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	170	16.
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.
2,4-Dinitrotoluene	ND		ug/kg	170	33.
2,6-Dinitrotoluene	ND		ug/kg	170	28.
Fluoranthene	ND		ug/kg	100	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	170	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	170	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	57.
Butyl benzyl phthalate	ND		ug/kg	170	42.
Di-n-butylphthalate	ND		ug/kg	170	31.
Di-n-octylphthalate	ND		ug/kg	170	56.
Diethyl phthalate	ND		ug/kg	170	15.
Dimethyl phthalate	ND		ug/kg	170	35.
Benzo(a)anthracene	ND		ug/kg	100	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	100	28.

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/06/16 15:34
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 12/02/16 16:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-06,08-10 Batch: WG957644-1					
Benzo(k)fluoranthene	ND		ug/kg	100	26.
Chrysene	ND		ug/kg	100	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	100	32.
Benzo(ghi)perylene	ND		ug/kg	130	20.
Fluorene	ND		ug/kg	170	16.
Phenanthrene	ND		ug/kg	100	20.
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	100	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	170	30.
2-Nitroaniline	ND		ug/kg	170	32.
3-Nitroaniline	ND		ug/kg	170	31.
4-Nitroaniline	ND		ug/kg	170	69.
Dibenzofuran	ND		ug/kg	170	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.
Acetophenone	ND		ug/kg	170	20.
2,4,6-Trichlorophenol	ND		ug/kg	100	31.
p-Chloro-m-cresol	ND		ug/kg	170	25.
2-Chlorophenol	ND		ug/kg	170	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	170	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/06/16 15:34
Analyst: KR

Extraction Method: EPA 3546
Extraction Date: 12/02/16 16:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 04-06,08-10 Batch: WG957644-1					
Phenol	ND		ug/kg	170	25.
2-Methylphenol	ND		ug/kg	170	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	170	32.
Carbazole	ND		ug/kg	170	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	170	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	34.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	63		18-120

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/05/16 12:02
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 12/03/16 18:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG957870-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.67
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.4
2,4-Dinitrotoluene	ND		ug/l	5.0	0.84
2,6-Dinitrotoluene	ND		ug/l	5.0	1.1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.62
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.73
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.70
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.63
Hexachlorocyclopentadiene	ND		ug/l	20	7.8
Isophorone	ND		ug/l	5.0	0.60
Nitrobenzene	ND		ug/l	2.0	0.75
NDPA/DPA	ND		ug/l	2.0	0.64
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.70
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	0.91
Butyl benzyl phthalate	ND		ug/l	5.0	1.3
Di-n-butylphthalate	ND		ug/l	5.0	0.69
Di-n-octylphthalate	ND		ug/l	5.0	1.1
Diethyl phthalate	ND		ug/l	5.0	0.63
Dimethyl phthalate	ND		ug/l	5.0	0.65
Biphenyl	ND		ug/l	2.0	0.76
4-Chloroaniline	ND		ug/l	5.0	0.63
2-Nitroaniline	ND		ug/l	5.0	1.1
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.3
Dibenzofuran	ND		ug/l	2.0	0.66
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.67
Acetophenone	ND		ug/l	5.0	0.85
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.68
p-Chloro-m-cresol	ND		ug/l	2.0	0.62

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/05/16 12:02
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 12/03/16 18:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03 Batch: WG957870-1					
2-Chlorophenol	ND		ug/l	2.0	0.63
2,4-Dichlorophenol	ND		ug/l	5.0	0.77
2,4-Dimethylphenol	ND		ug/l	5.0	1.6
2-Nitrophenol	ND		ug/l	10	1.5
4-Nitrophenol	ND		ug/l	10	1.8
2,4-Dinitrophenol	ND		ug/l	20	5.5
4,6-Dinitro-o-cresol	ND		ug/l	10	2.1
Phenol	ND		ug/l	5.0	1.9
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.72
Carbazole	ND		ug/l	2.0	0.63
Atrazine	ND		ug/l	10	1.8
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	3.6
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.93

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	81		41-149

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/06/16 09:34
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 12/03/16 18:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG957871-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.20	0.04
Benzo(a)anthracene	ND		ug/l	0.20	0.02
Benzo(a)pyrene	ND		ug/l	0.20	0.04
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04
Chrysene	ND		ug/l	0.20	0.04
Acenaphthylene	ND		ug/l	0.20	0.04
Anthracene	ND		ug/l	0.20	0.04
Benzo(ghi)perylene	ND		ug/l	0.20	0.04
Fluorene	ND		ug/l	0.20	0.04
Phenanthrene	ND		ug/l	0.20	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.20	0.04
Pyrene	ND		ug/l	0.20	0.04
2-Methylnaphthalene	ND		ug/l	0.20	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/06/16 09:34
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 12/03/16 18:52

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 03 Batch: WG957871-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	76		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06,08-10 Batch: WG957644-2 WG957644-3								
Acenaphthene	64		59		31-137	8		50
Benzidine	13		10		10-66	26		50
1,2,4-Trichlorobenzene	75		67		38-107	11		50
Hexachlorobenzene	68		62		40-140	9		50
Bis(2-chloroethyl)ether	71		67		40-140	6		50
2-Chloronaphthalene	71		64		40-140	10		50
1,2-Dichlorobenzene	70		65		40-140	7		50
1,3-Dichlorobenzene	67		62		40-140	8		50
1,4-Dichlorobenzene	64		63		28-104	2		50
3,3'-Dichlorobenzidine	44		**37**	Q	40-140	17		50
2,4-Dinitrotoluene	74		66		40-132	11		50
2,6-Dinitrotoluene	79		68		40-140	15		50
Azobenzene	72		66		40-140	9		50
Fluoranthene	70		63		40-140	11		50
4-Chlorophenyl phenyl ether	68		62		40-140	9		50
4-Bromophenyl phenyl ether	70		65		40-140	7		50
Bis(2-chloroisopropyl)ether	76		71		40-140	7		50
Bis(2-chloroethoxy)methane	78		70		40-117	11		50
Hexachlorobutadiene	66		57		40-140	15		50
Hexachlorocyclopentadiene	68		61		40-140	11		50
Hexachloroethane	65		61		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06,08-10 Batch: WG957644-2 WG957644-3								
Isophorone	78		71		40-140	9		50
Naphthalene	68		61		40-140	11		50
Nitrobenzene	73		67		40-140	9		50
NDPA/DPA	73		66		36-157	10		50
n-Nitrosodi-n-propylamine	80		72		32-121	11		50
Bis(2-ethylhexyl)phthalate	75		67		40-140	11		50
Butyl benzyl phthalate	77		67		40-140	14		50
Di-n-butylphthalate	71		63		40-140	12		50
Di-n-octylphthalate	77		68		40-140	12		50
Diethyl phthalate	70		64		40-140	9		50
Dimethyl phthalate	76		67		40-140	13		50
Benzo(a)anthracene	70		62		40-140	12		50
Benzo(a)pyrene	69		64		40-140	8		50
Benzo(b)fluoranthene	71		64		40-140	10		50
Benzo(k)fluoranthene	71		65		40-140	9		50
Chrysene	69		62		40-140	11		50
Acenaphthylene	76		67		40-140	13		50
Anthracene	70		62		40-140	12		50
Benzo(ghi)perylene	70		63		40-140	11		50
Fluorene	69		62		40-140	11		50
Phenanthrene	70		61		40-140	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06,08-10 Batch: WG957644-2 WG957644-3								
Dibenzo(a,h)anthracene	70		65		40-140	7		50
Indeno(1,2,3-cd)pyrene	70		65		40-140	7		50
Pyrene	72		63		35-142	13		50
Biphenyl	79		68		54-104	15		50
Aniline	51		45		40-140	13		50
4-Chloroaniline	**37**	Q	**31**	Q	40-140	18		50
1-Methylnaphthalene	70		60		26-130	15		50
2-Nitroaniline	81		72		47-134	12		50
3-Nitroaniline	53		46		26-129	14		50
4-Nitroaniline	71		68		41-125	4		50
Dibenzofuran	70		62		40-140	12		50
2-Methylnaphthalene	73		65		40-140	12		50
1,2,4,5-Tetrachlorobenzene	75		68		40-117	10		50
Pentachloronitrobenzene	76		70		42-153	8		50
Acetophenone	80		73		14-144	9		50
n-Nitrosodimethylamine	70		65		22-100	7		50
2,4,6-Trichlorophenol	77		69		30-130	11		50
p-Chloro-m-cresol	77		69		26-103	11		50
2-Chlorophenol	76		70		25-102	8		50
2,4-Dichlorophenol	78		72		30-130	8		50
2,4-Dimethylphenol	80		73		30-130	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06,08-10 Batch: WG957644-2 WG957644-3								
2-Nitrophenol	77		71		30-130	8		50
4-Nitrophenol	77		70		11-114	10		50
2,4-Dinitrophenol	60		58		4-130	3		50
4,6-Dinitro-o-cresol	71		63		10-130	12		50
Pentachlorophenol	70		62		17-109	12		50
Phenol	74		68		26-90	8		50
2-Methylphenol	81		74		30-130.	9		50
3-Methylphenol/4-Methylphenol	78		72		30-130	8		50
2,4,5-Trichlorophenol	78		69		30-130	12		50
Benzoic Acid	43		46		10-110	7		50
Benzyl Alcohol	77		71		40-140	8		50
Carbazole	71		63		54-128	12		50
Pyridine	54		50		10-93	8		50
Parathion, ethyl	82		74		40-140	10		50
Atrazine	88		84		40-140	5		50
Benzaldehyde	62		58		40-140	7		50
Caprolactam	82		72		15-130	13		50
2,3,4,6-Tetrachlorophenol	74		69		40-140	7		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-06,08-10 Batch: WG957644-2 WG957644-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	67		62		25-120
Phenol-d6	73		68		10-120
Nitrobenzene-d5	69		65		23-120
2-Fluorobiphenyl	67		59		30-120
2,4,6-Tribromophenol	64		61		10-136
4-Terphenyl-d14	64		58		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG957870-2 WG957870-3								
Acenaphthene	73		76		37-111	4		30
Benzidine	**1**	Q	**3**	Q	10-75	**97**	Q	30
1,2,4-Trichlorobenzene	73		70		39-98	4		30
Hexachlorobenzene	77		82		40-140	6		30
Bis(2-chloroethyl)ether	77		73		40-140	5		30
2-Chloronaphthalene	79		81		40-140	3		30
1,2-Dichlorobenzene	69		63		40-140	9		30
1,3-Dichlorobenzene	68		62		40-140	9		30
1,4-Dichlorobenzene	67		63		36-97	6		30
3,3'-Dichlorobenzidine	69		74		40-140	7		30
2,4-Dinitrotoluene	80		88		48-143	10		30
2,6-Dinitrotoluene	82		92		40-140	11		30
Azobenzene	82		88		40-140	7		30
Fluoranthene	79		86		40-140	8		30
4-Chlorophenyl phenyl ether	78		84		40-140	7		30
4-Bromophenyl phenyl ether	79		86		40-140	8		30
Bis(2-chloroisopropyl)ether	86		82		40-140	5		30
Bis(2-chloroethoxy)methane	82		83		40-140	1		30
Hexachlorobutadiene	67		61		40-140	9		30
Hexachlorocyclopentadiene	70		68		40-140	3		30
Hexachloroethane	67		62		40-140	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG957870-2 WG957870-3								
Isophorone	83		88		40-140	6		30
Naphthalene	75		70		40-140	7		30
Nitrobenzene	79		77		40-140	3		30
NitrosoDiPhenylAmine(NDPA)/DPA	80		86		40-140	7		30
n-Nitrosodi-n-propylamine	84		88		29-132	5		30
Bis(2-Ethylhexyl)phthalate	83		90		40-140	8		30
Butyl benzyl phthalate	77		86		40-140	11		30
Di-n-butylphthalate	83		91		40-140	9		30
Di-n-octylphthalate	84		92		40-140	9		30
Diethyl phthalate	78		84		40-140	7		30
Dimethyl phthalate	81		90		40-140	11		30
Benzo(a)anthracene	79		86		40-140	8		30
Benzo(a)pyrene	85		93		40-140	9		30
Benzo(b)fluoranthene	82		90		40-140	9		30
Benzo(k)fluoranthene	83		92		40-140	10		30
Chrysene	78		86		40-140	10		30
Acenaphthylene	82		86		45-123	5		30
Anthracene	80		87		40-140	8		30
Benzo(ghi)perylene	83		90		40-140	8		30
Fluorene	78		84		40-140	7		30
Phenanthrene	77		83		40-140	8		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG957870-2 WG957870-3								
Dibenzo(a,h)anthracene	81		89		40-140	9		30
Indeno(1,2,3-cd)Pyrene	87		93		40-140	7		30
Pyrene	79		86		26-127	8		30
Biphenyl	83		86		40-140	4		30
Aniline	**31**	Q	**28**	Q	40-140	10		30
4-Chloroaniline	52		51		40-140	2		30
1-Methylnaphthalene	76		74		41-103	3		30
2-Nitroaniline	82		94		52-143	14		30
3-Nitroaniline	62		62		25-145	0		30
4-Nitroaniline	77		83		51-143	8		30
Dibenzofuran	77		81		40-140	5		30
2-Methylnaphthalene	79		78		40-140	1		30
1,2,4,5-Tetrachlorobenzene	79		77		2-134	3		30
Pentachloronitrobenzene	89		94		4-189	5		30
Acetophenone	83		83		39-129	0		30
n-Nitrosodimethylamine	48		43		22-74	11		30
2,4,6-Trichlorophenol	83		86		30-130	4		30
P-Chloro-M-Cresol	83		89		23-97	7		30
2-Chlorophenol	76		72		27-123	5		30
2,4-Dichlorophenol	84		88		30-130	5		30
2,4-Dimethylphenol	82		75		30-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG957870-2 WG957870-3								
2-Nitrophenol	79		79		30-130	0		30
4-Nitrophenol	48		55		10-80	14		30
2,4-Dinitrophenol	71		81		20-130	13		30
4,6-Dinitro-o-cresol	75		82		20-164	9		30
Pentachlorophenol	84		85		9-103	1		30
Phenol	39		37		12-110	5		30
2-Methylphenol	74		71		30-130	4		30
3-Methylphenol/4-Methylphenol	68		69		30-130	1		30
2,4,5-Trichlorophenol	84		93		30-130	10		30
Benzoic Acid	37		42		10-164	13		30
Benzyl Alcohol	67		69		26-116	3		30
Carbazole	79		87		55-144	10		30
Pyridine	**5**	Q	10		10-66	**68**	Q	30
Parathion, ethyl	97		104		40-140	7		30
Atrazine	104		115		40-140	10		30
Benzaldehyde	78		73		40-140	7		30
Caprolactam	25		27		10-130	8		30
2,3,4,6-Tetrachlorophenol	81		87		40-140	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03 Batch: WG957870-2 WG957870-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		51		21-120
Phenol-d6	39		38		10-120
Nitrobenzene-d5	80		79		23-120
2-Fluorobiphenyl	78		81		15-120
2,4,6-Tribromophenol	77		86		10-120
4-Terphenyl-d14	74		83		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG957871-2 WG957871-3								
Acenaphthene	70		80		37-111	13		40
2-Chloronaphthalene	77		90		40-140	16		40
Fluoranthene	75		87		40-140	15		40
Hexachlorobutadiene	70		78		40-140	11		40
Naphthalene	73		82		40-140	12		40
Benzo(a)anthracene	73		87		40-140	18		40
Benzo(a)pyrene	59		70		40-140	17		40
Benzo(b)fluoranthene	82		98		40-140	18		40
Benzo(k)fluoranthene	88		101		40-140	14		40
Chrysene	76		89		40-140	16		40
Acenaphthylene	82		94		40-140	14		40
Anthracene	76		89		40-140	16		40
Benzo(ghi)perylene	76		89		40-140	16		40
Fluorene	76		86		40-140	12		40
Phenanthrene	71		82		40-140	14		40
Dibenzo(a,h)anthracene	83		95		40-140	13		40
Indeno(1,2,3-cd)pyrene	84		98		40-140	15		40
Pyrene	75		87		26-127	15		40
1-Methylnaphthalene	73		84		40-140	14		40
2-Methylnaphthalene	74		84		40-140	13		40
Pentachlorophenol	72		86		9-103	18		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 03 Batch: WG957871-2 WG957871-3								
Hexachlorobenzene	70		86		40-140	21		40
Hexachloroethane	70		74		40-140	6		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		47		21-120
Phenol-d6	33		37		10-120
Nitrobenzene-d5	76		84		23-120
2-Fluorobiphenyl	66		75		15-120
2,4,6-Tribromophenol	73		84		10-120
4-Terphenyl-d14	64		73		41-149

PCBS

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID:	L1638793-01	Date Collected:	11/29/16 09:25
Client ID:	WIPE-001	Date Received:	11/30/16
Sample Location:	166 CHANDLER ST. BUFFALO, NY	Field Prep:	Not Specified
Matrix:	Wipe	Extraction Method:	EPA 3540C
Analytical Method:	1,8082A	Extraction Date:	12/02/16 09:55
Analytical Date:	12/04/16 00:54	Cleanup Method:	EPA 3665A
Analyst:	HT	Cleanup Date:	12/03/16
		Cleanup Method:	EPA 3660B
		Cleanup Date:	12/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug Abs	0.500	0.040	1	A
Aroclor 1221	ND		ug Abs	0.500	0.046	1	A
Aroclor 1232	ND		ug Abs	0.500	0.059	1	A
Aroclor 1242	ND		ug Abs	0.500	0.061	1	A
Aroclor 1248	ND		ug Abs	0.500	0.042	1	A
Aroclor 1254	ND		ug Abs	0.500	0.041	1	A
Aroclor 1260	4.96		ug Abs	0.500	0.038	1	A
Aroclor 1262	ND		ug Abs	0.500	0.025	1	A
Aroclor 1268	ND		ug Abs	0.500	0.073	1	A
PCBs, Total	4.96		ug Abs	0.500	0.025	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-02
Client ID: WIPE-002
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Wipe
Analytical Method: 1,8082A
Analytical Date: 12/04/16 01:10
Analyst: HT

Date Collected: 11/29/16 09:30
Date Received: 11/30/16
Field Prep: Not Specified
Extraction Method: EPA 3540C
Extraction Date: 12/02/16 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug Abs	0.500	0.040	1	A
Aroclor 1221	ND		ug Abs	0.500	0.046	1	A
Aroclor 1232	ND		ug Abs	0.500	0.059	1	A
Aroclor 1242	ND		ug Abs	0.500	0.061	1	A
Aroclor 1248	ND		ug Abs	0.500	0.042	1	A
Aroclor 1254	ND		ug Abs	0.500	0.041	1	A
Aroclor 1260	0.894		ug Abs	0.500	0.038	1	A
Aroclor 1262	ND		ug Abs	0.500	0.025	1	A
Aroclor 1268	ND		ug Abs	0.500	0.073	1	A
PCBs, Total	0.894		ug Abs	0.500	0.025	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID:	L1638793-04	Date Collected:	11/29/16 15:30
Client ID:	SB13 (0-4')	Date Received:	11/30/16
Sample Location:	166 CHANDLER ST. BUFFALO, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/01/16 11:11
Analytical Date:	12/02/16 20:20	Cleanup Method:	EPA 3665A
Analyst:	HT	Cleanup Date:	12/02/16
Percent Solids:	87%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.4	3.04	1	A
Aroclor 1221	ND		ug/kg	38.4	3.54	1	A
Aroclor 1232	ND		ug/kg	38.4	4.51	1	A
Aroclor 1242	ND		ug/kg	38.4	4.71	1	A
Aroclor 1248	ND		ug/kg	38.4	3.24	1	A
Aroclor 1254	57.0		ug/kg	38.4	3.16	1	B
Aroclor 1260	45.0		ug/kg	38.4	2.93	1	B
Aroclor 1262	ND		ug/kg	38.4	1.91	1	A
Aroclor 1268	ND		ug/kg	38.4	5.58	1	A
PCBs, Total	102		ug/kg	38.4	1.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: PHASE II ESA **Lab Number:** L1638793

Project Number: E1604 **Report Date:** 12/07/16

SAMPLE RESULTS

Lab ID:	L1638793-11	Date Collected:	11/29/16 09:20
Client ID:	HA-1	Date Received:	11/30/16
Sample Location:	166 CHANDLER ST. BUFFALO, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8082A	Extraction Date:	12/01/16 11:11
Analytical Date:	12/02/16 20:36	Cleanup Method:	EPA 3665A
Analyst:	JW	Cleanup Date:	12/02/16
Percent Solids:	57%	Cleanup Method:	EPA 3660B
		Cleanup Date:	12/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.2	4.52	1	A
Aroclor 1221	ND		ug/kg	57.2	5.28	1	A
Aroclor 1232	ND		ug/kg	57.2	6.71	1	A
Aroclor 1242	ND		ug/kg	57.2	7.00	1	A
Aroclor 1248	ND		ug/kg	57.2	4.83	1	A
Aroclor 1254	ND		ug/kg	57.2	4.70	1	A
Aroclor 1260	299		ug/kg	57.2	4.36	1	A
Aroclor 1262	ND		ug/kg	57.2	2.84	1	A
Aroclor 1268	142		ug/kg	57.2	8.30	1	B
PCBs, Total	441		ug/kg	57.2	2.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	**24**	Q	30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/02/16 16:46
Analyst: AF

Extraction Method: EPA 3546
Extraction Date: 12/01/16 11:11
Cleanup Method: EPA 3665A
Cleanup Date: 12/02/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/02/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 04,11 Batch: WG957151-1						
Aroclor 1016	ND		ug/kg	33.1	2.62	A
Aroclor 1221	ND		ug/kg	33.1	3.05	A
Aroclor 1232	ND		ug/kg	33.1	3.88	A
Aroclor 1242	ND		ug/kg	33.1	4.05	A
Aroclor 1248	ND		ug/kg	33.1	2.79	A
Aroclor 1254	ND		ug/kg	33.1	2.72	A
Aroclor 1260	ND		ug/kg	33.1	2.52	A
Aroclor 1262	ND		ug/kg	33.1	1.64	A
Aroclor 1268	ND		ug/kg	33.1	4.80	A
PCBs, Total	ND		ug/kg	33.1	1.64	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/03/16 23:31
Analyst: HT

Extraction Method: EPA 3540C
Extraction Date: 12/02/16 09:55
Cleanup Method: EPA 3665A
Cleanup Date: 12/03/16
Cleanup Method: EPA 3660B
Cleanup Date: 12/03/16

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG957463-1						
Aroclor 1016	ND		ug Abs	0.500	0.040	A
Aroclor 1221	ND		ug Abs	0.500	0.046	A
Aroclor 1232	ND		ug Abs	0.500	0.059	A
Aroclor 1242	ND		ug Abs	0.500	0.061	A
Aroclor 1248	ND		ug Abs	0.500	0.042	A
Aroclor 1254	ND		ug Abs	0.500	0.041	A
Aroclor 1260	ND		ug Abs	0.500	0.038	A
Aroclor 1262	ND		ug Abs	0.500	0.025	A
Aroclor 1268	ND		ug Abs	0.500	0.073	A
PCBs, Total	ND		ug Abs	0.500	0.025	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	51		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 04,11 Batch: WG957151-2 WG957151-3									
Aroclor 1016	90		95		40-140	5		50	A
Aroclor 1260	94		100		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		89		30-150	A
Decachlorobiphenyl	80		85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		91		30-150	B
Decachlorobiphenyl	81		85		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG957463-2 WG957463-3									
Aroclor 1016	73		72		40-140	1		50	A
Aroclor 1260	68		66		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		82		30-150	A
Decachlorobiphenyl	66		63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		83		30-150	B
Decachlorobiphenyl	69		65		30-150	B

METALS

Project Name: PHASE II ESA
Project Number: E1604
Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-05
Client ID: SB12 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Percent Solids: 88%

Date Collected: 11/29/16 14:45
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.7		mg/kg	0.44	0.09	1	12/01/16 20:40	12/02/16 20:13	EPA 3050B	1,6010C	AB
Barium, Total	34		mg/kg	0.44	0.08	1	12/01/16 20:40	12/02/16 20:13	EPA 3050B	1,6010C	AB
Cadmium, Total	0.05	J	mg/kg	0.44	0.04	1	12/01/16 20:40	12/02/16 20:13	EPA 3050B	1,6010C	AB
Chromium, Total	5.3		mg/kg	0.44	0.04	1	12/01/16 20:40	12/02/16 20:13	EPA 3050B	1,6010C	AB
Lead, Total	9.0		mg/kg	2.2	0.12	1	12/01/16 20:40	12/02/16 20:13	EPA 3050B	1,6010C	AB
Mercury, Total	1.7		mg/kg	0.07	0.02	1	12/02/16 06:50	12/02/16 14:18	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.89	0.11	1	12/01/16 20:40	12/02/16 20:13	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.44	0.12	1	12/01/16 20:40	12/02/16 20:13	EPA 3050B	1,6010C	AB

Project Name: PHASE II ESA
Project Number: E1604
Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-06
Client ID: SB10 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Percent Solids: 86%

Date Collected: 11/29/16 14:05
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.3		mg/kg	0.46	0.10	1	12/01/16 20:40	12/02/16 20:17	EPA 3050B	1,6010C	AB
Barium, Total	48		mg/kg	0.46	0.08	1	12/01/16 20:40	12/02/16 20:17	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.46	0.05	1	12/01/16 20:40	12/02/16 20:17	EPA 3050B	1,6010C	AB
Chromium, Total	6.1		mg/kg	0.46	0.05	1	12/01/16 20:40	12/02/16 20:17	EPA 3050B	1,6010C	AB
Lead, Total	6.7		mg/kg	2.3	0.12	1	12/01/16 20:40	12/02/16 20:17	EPA 3050B	1,6010C	AB
Mercury, Total	0.05	J	mg/kg	0.08	0.02	1	12/02/16 06:50	12/02/16 14:20	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.93	0.12	1	12/01/16 20:40	12/02/16 20:17	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.46	0.13	1	12/01/16 20:40	12/02/16 20:17	EPA 3050B	1,6010C	AB

Project Name: PHASE II ESA
Lab Number: L1638793
Project Number: E1604
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-08
Client ID: SB7 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Percent Solids: 87%

Date Collected: 11/29/16 12:10
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.1		mg/kg	0.45	0.09	1	12/01/16 20:40	12/02/16 20:38	EPA 3050B	1,6010C	AB
Barium, Total	86		mg/kg	0.45	0.08	1	12/01/16 20:40	12/02/16 20:38	EPA 3050B	1,6010C	AB
Cadmium, Total	0.39	J	mg/kg	0.45	0.04	1	12/01/16 20:40	12/02/16 20:38	EPA 3050B	1,6010C	AB
Chromium, Total	6.2		mg/kg	0.45	0.04	1	12/01/16 20:40	12/02/16 20:38	EPA 3050B	1,6010C	AB
Lead, Total	76		mg/kg	2.2	0.12	1	12/01/16 20:40	12/02/16 20:38	EPA 3050B	1,6010C	AB
Mercury, Total	0.24		mg/kg	0.07	0.02	1	12/02/16 06:50	12/02/16 14:25	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.90	0.12	1	12/01/16 20:40	12/02/16 20:38	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.45	0.13	1	12/01/16 20:40	12/02/16 20:38	EPA 3050B	1,6010C	AB

Project Name: PHASE II ESA
Lab Number: L1638793
Project Number: E1604
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-09
Client ID: SB5 (2-6')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Percent Solids: 84%

Date Collected: 11/29/16 11:25
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.2		mg/kg	0.47	0.10	1	12/01/16 20:40	12/02/16 20:46	EPA 3050B	1,6010C	AB
Barium, Total	74		mg/kg	0.47	0.08	1	12/01/16 20:40	12/02/16 20:46	EPA 3050B	1,6010C	AB
Cadmium, Total	0.31	J	mg/kg	0.47	0.05	1	12/01/16 20:40	12/02/16 20:46	EPA 3050B	1,6010C	AB
Chromium, Total	5.1		mg/kg	0.47	0.05	1	12/01/16 20:40	12/02/16 20:46	EPA 3050B	1,6010C	AB
Lead, Total	58		mg/kg	2.4	0.13	1	12/01/16 20:40	12/02/16 20:46	EPA 3050B	1,6010C	AB
Mercury, Total	0.16		mg/kg	0.08	0.02	1	12/02/16 06:50	12/02/16 14:27	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.94	0.12	1	12/01/16 20:40	12/02/16 20:46	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.47	0.13	1	12/01/16 20:40	12/02/16 20:46	EPA 3050B	1,6010C	AB

Project Name: PHASE II ESA
Lab Number: L1638793
Project Number: E1604
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-10
Client ID: SB4 (2-6')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Percent Solids: 84%

Date Collected: 11/29/16 11:00
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.3		mg/kg	0.47	0.10	1	12/01/16 20:40	12/02/16 20:50	EPA 3050B	1,6010C	AB
Barium, Total	130		mg/kg	0.47	0.08	1	12/01/16 20:40	12/02/16 20:50	EPA 3050B	1,6010C	AB
Cadmium, Total	0.62		mg/kg	0.47	0.05	1	12/01/16 20:40	12/02/16 20:50	EPA 3050B	1,6010C	AB
Chromium, Total	7.9		mg/kg	0.47	0.05	1	12/01/16 20:40	12/02/16 20:50	EPA 3050B	1,6010C	AB
Lead, Total	100		mg/kg	2.4	0.13	1	12/01/16 20:40	12/02/16 20:50	EPA 3050B	1,6010C	AB
Mercury, Total	0.12		mg/kg	0.08	0.02	1	12/02/16 06:50	12/02/16 14:29	EPA 7471B	1,7471B	BV
Selenium, Total	ND		mg/kg	0.95	0.12	1	12/01/16 20:40	12/02/16 20:50	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.47	0.13	1	12/01/16 20:40	12/02/16 20:50	EPA 3050B	1,6010C	AB

Project Name: PHASE II ESA
Project Number: E1604
Lab Number: L1638793
Report Date: 12/07/16

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05-06,08-10 Batch: WG957277-1										
Arsenic, Total	ND		mg/kg	0.40	0.08	1	12/01/16 20:40	12/02/16 17:47	1,6010C	AB
Barium, Total	ND		mg/kg	0.40	0.07	1	12/01/16 20:40	12/02/16 17:47	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.40	0.04	1	12/01/16 20:40	12/02/16 17:47	1,6010C	AB
Chromium, Total	0.10	J	mg/kg	0.40	0.04	1	12/01/16 20:40	12/02/16 17:47	1,6010C	AB
Lead, Total	ND		mg/kg	2.0	0.11	1	12/01/16 20:40	12/02/16 17:47	1,6010C	AB
Selenium, Total	ND		mg/kg	0.80	0.10	1	12/01/16 20:40	12/02/16 17:47	1,6010C	AB
Silver, Total	ND		mg/kg	0.40	0.11	1	12/01/16 20:40	12/02/16 17:47	1,6010C	AB

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 05-06,08-10 Batch: WG957378-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	12/02/16 06:50	12/02/16 13:45	1,7471B	BV

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PHASE II ESA

Project Number: E1604

Lab Number: L1638793

Report Date: 12/07/16

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-06,08-10 Batch: WG957277-2 SRM Lot Number: D091-540								
Arsenic, Total	83		-		80-121	-		
Barium, Total	86		-		84-117	-		
Cadmium, Total	87		-		83-117	-		
Chromium, Total	84		-		80-119	-		
Lead, Total	89		-		82-118	-		
Selenium, Total	84		-		79-121	-		
Silver, Total	89		-		75-124	-		
Total Metals - Mansfield Lab Associated sample(s): 05-06,08-10 Batch: WG957378-2 SRM Lot Number: D091-540								
Mercury, Total	98		-		72-128	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-06,08-10 QC Batch ID: WG957277-3 QC Sample: L1638687-01 Client ID: MS Sample												
Arsenic, Total	1.7	11	6.2	**41**	Q	-	-		75-125	-		20
Barium, Total	75.	184	180	**57**	Q	-	-		75-125	-		20
Cadmium, Total	ND	4.68	1.8	**38**	Q	-	-		75-125	-		20
Chromium, Total	78.	18.4	85	**38**	Q	-	-		75-125	-		20
Lead, Total	83.	46.8	46	**0**	Q	-	-		75-125	-		20
Selenium, Total	ND	11	4.3	**39**	Q	-	-		75-125	-		20
Silver, Total	ND	27.6	16	**58**	Q	-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 05-06,08-10 QC Batch ID: WG957378-3 QC Sample: L1637675-05 Client ID: MS Sample												
Mercury, Total	0.09J	0.191	0.32	**167**	Q	-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 05-06,08-10 QC Batch ID: WG957277-4 QC Sample: L1638687-01 Client ID: DUP Sample						
Arsenic, Total	1.7	1.6	mg/kg	6		20
Barium, Total	75.	75	mg/kg	0		20
Cadmium, Total	ND	ND	mg/kg	NC		20
Chromium, Total	78.	160	mg/kg	**69**	Q	20
Lead, Total	83.	36	mg/kg	**79**	Q	20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	0.39J	mg/kg	NC		20
Total Metals - Mansfield Lab Associated sample(s): 05-06,08-10 QC Batch ID: WG957378-4 QC Sample: L1637675-05 Client ID: DUP Sample						
Mercury, Total	0.09J	0.11	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-04
Client ID: SB13 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil

Date Collected: 11/29/16 15:30
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	12/01/16 12:04	121,2540G	RI

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-05
Client ID: SB12 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil

Date Collected: 11/29/16 14:45
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	12/01/16 12:04	121,2540G	RI

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-06
Client ID: SB10 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil

Date Collected: 11/29/16 14:05
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	12/01/16 12:04	121,2540G	RI

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-07
Client ID: SB8 (4-6.5')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil

Date Collected: 11/29/16 13:10
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	12/02/16 02:47	121,2540G	VB

Project Name: PHASE II ESA
Project Number: E1604
Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-08
Client ID: SB7 (0-4')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Date Collected: 11/29/16 12:10
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	12/01/16 12:04	121,2540G	RI

Project Name: PHASE II ESA
Project Number: E1604
Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-09
Client ID: SB5 (2-6')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Date Collected: 11/29/16 11:25
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	12/02/16 02:47	121,2540G	VB

Project Name: PHASE II ESA
Project Number: E1604
Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-10
Client ID: SB4 (2-6')
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Date Collected: 11/29/16 11:00
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.8		%	0.100	NA	1	-	12/02/16 02:47	121,2540G	VB

Project Name: PHASE II ESA
Project Number: E1604
Lab Number: L1638793
Report Date: 12/07/16

SAMPLE RESULTS

Lab ID: L1638793-11
Client ID: HA-1
Sample Location: 166 CHANDLER ST. BUFFALO, NY
Matrix: Soil
Date Collected: 11/29/16 09:20
Date Received: 11/30/16
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	57.4		%	0.100	NA	1	-	12/01/16 12:04	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 04-06,08,11 QC Batch ID: WG957134-1 QC Sample: L1638727-01 Client ID: DUP Sample						
Solids, Total	83.3	84.8	%	2		20
General Chemistry - Westborough Lab Associated sample(s): 07,09-10 QC Batch ID: WG957373-1 QC Sample: L1639009-01 Client ID: DUP Sample						
Solids, Total	78.8	78.4	%	1		20

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1638793-01A	Amber 100ml Hexane preserved	A	N/A	5.6	Y	Absent	NYTCL-8082-3540C(14)
L1638793-02A	Amber 100ml Hexane preserved	A	N/A	5.6	Y	Absent	NYTCL-8082-3540C(14)
L1638793-03A	Vial HCl preserved	A	N/A	5.6	Y	Absent	NYTCL-8260-R2(14)
L1638793-03B	Vial HCl preserved	A	N/A	5.6	Y	Absent	NYTCL-8260-R2(14)
L1638793-03C	Vial HCl preserved	A	N/A	5.6	Y	Absent	NYTCL-8260-R2(14)
L1638793-03D	Amber 1000ml unpreserved	A	10	5.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1638793-04A	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	NYTCL-8260-R2(14)
L1638793-04A9	Vial MeOH preserved split	A	N/A	5.6	Y	Absent	NYTCL-8260-R2(14)
L1638793-04B	Glass 250ml/8oz unpreserved	A	N/A	5.6	Y	Absent	NYTCL-8270(14),TS(7),NYTCL-8082(14)
L1638793-05A	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	NYTCL-8270(14),TS(7)
L1638793-05B	Glass 60ml unpreserved split	A	N/A	5.6	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1638793-06A	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	NYTCL-8270(14),TS(7)
L1638793-06B	Glass 60ml unpreserved split	A	N/A	5.6	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1638793-07A	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	NYTCL-8260-R2(14),TS(7)
L1638793-07A9	Vial MeOH preserved split	A	N/A	5.6	Y	Absent	NYTCL-8260-R2(14)
L1638793-08A	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	NYTCL-8270(14),TS(7)
L1638793-08B	Glass 60ml unpreserved split	A	N/A	5.6	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1638793-09A	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	NYTCL-8270(14),NYTCL-8260-R2(14),TS(7)
L1638793-09A9	Vial MeOH preserved split	A	N/A	5.6	Y	Absent	NYTCL-8260-R2(14)
L1638793-09C	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1638793-10A	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	NYTCL-8270(14),NYTCL-8260-R2(14),TS(7)
L1638793-10A9	Vial MeOH preserved split	A	N/A	5.6	Y	Absent	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: PHASE II ESA
Project Number: E1604

Lab Number: L1638793
Report Date: 12/07/16

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1638793-10C	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1638793-11A	Glass 120ml/4oz unpreserved	A	N/A	5.6	Y	Absent	TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	PHASE II ESA	**Lab Number:**	L1638793
Project Number:	E1604	**Report Date:**	12/07/16

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the

Report Format: DU Report with 'J' Qualifiers

Project Name:	PHASE II ESA	**Lab Number:**	L1638793
Project Number:	E1604	**Report Date:**	12/07/16

Data Qualifiers

reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	PHASE II ESA	**Lab Number:**	L1638793
Project Number:	E1604	**Report Date:**	12/07/16

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 300: DW: Bromide
EPA 6860: NPW and SCM: Perchlorate
EPA 9010: NPW and SCM: Amenable Cyanide Distillation
EPA 9012B: NPW: Total Cyanide
EPA 9050A: NPW: Specific Conductance
SM3500: NPW: Ferrous Iron
SM4500: NPW: Amenable Cyanide, Dissolved Oxygen; SCM: Total Phosphorus, TKN, NO2, NO3.
SM5310C: DW: Dissolved Organic Carbon

Mansfield Facility
SM 2540D: TSS
EPA 3005A NPW
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: ***EPA 3050B***

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, EPA 351.1, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

Mansfield Facility:

Drinking Water
EPA 200.7: Ba, Be, Cd, Cr, Cu, Ni, Na, Ca. **EPA 200.8:** Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, TL. **EPA 245.1** Hg.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 12/1/16

ALPHA Job #: L1638793

Client Information
Client: Hazard Evaluations Inc
Address: 3752 N. Buffalo Rd
Orchard Park NY 14127
Phone: 716-667-3130
Fax: 716-667-3156
Email: MWittman@hazardevaluations.com

Project Information
Project Name: Phase II ESA
Project Location: 166 chandler st. Buffalo, NY
Project # E1604
(Use Project name as Project #) ☐
Project Manager: Candy Fox
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 day Firm

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Additionally email results to ebetzold@hazardevaluations.com

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total PCBs	VOC 8260 TCL + STARS	VOC 8260 TCL + STARS	SVOC 8270 TCL	T. PCBs	Metals (RCRA 8)			Sample Specific Comments	Total Bottle
38793 - 01	WIPE 001	11/29/16	9:25am		EB	X									1
02	WIPE 002		9:30am		EB	X									1
03	HA-3		1:30pm	Water	EB		X		X						4
04	SB13 (0-4')		3:30pm	Soil	EB			X	X	X					2
05	SB12 (0-4')		2:45pm	Soil	EB				X		X				1
06	SB10 (0-4')		2:05pm	Soil	EB				X		X				1
07	SB8 (4-6.5')		1:10pm	Soil	EB			X							1
08	SB7 (0-4')		12:10pm	Soil	EB				X		X				1
09	SB5 ~~(0-4')~~ (2-6')		11:25pm	Soil	EB			X	X		X				2
10	SB4 (2-6')		11:00am	Soil	EB			X	X		X				2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A	V	A	A	A	A		
Preservative	O	B	A	A	A	A		

Relinquished By:	Date/Time	Received By:	Date/Time
	11/30/16 1515	AAL	11/30/16 15:15
AAL	11/30/16 16:05		12/1/16 0025

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Page 1 of 2

Date Rec'd in Lab: 12/1/16

ALPHA Job #: L1638793

Project Information

Project Name: Phase II ESA
Project Location: 166 Chandler St, Buffalo, NY
Project # e1604
(Use Project name as Project #) ☐
Project Manager: Candy Fox
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days: 5 day firm

Client Information

Client: Hazard Evaluations Inc
Address: 3752 N. Buffalo Rd
Orchard Park NY 14127
Phone: 716-667-3130
Fax:
Email: Mwittman@hazardevaluations.com

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: T. PCBs								Sample Specific Comments	Total Bottles
38793 - 11	HA-1	11/29/16	9:20am	Soil	EB	X									1
Container Type						A									
Preservative						A									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Eric [signature]	11/30/16 1515	[signature] AAL	11/30/16 15:15
[signature] AAL	11/30/16 16:05	[signature]	12/1/16 0020

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Section IV

Property Information

Figure IV-A – Site Locus – USGS Map

Figure IV-B – Tax Map

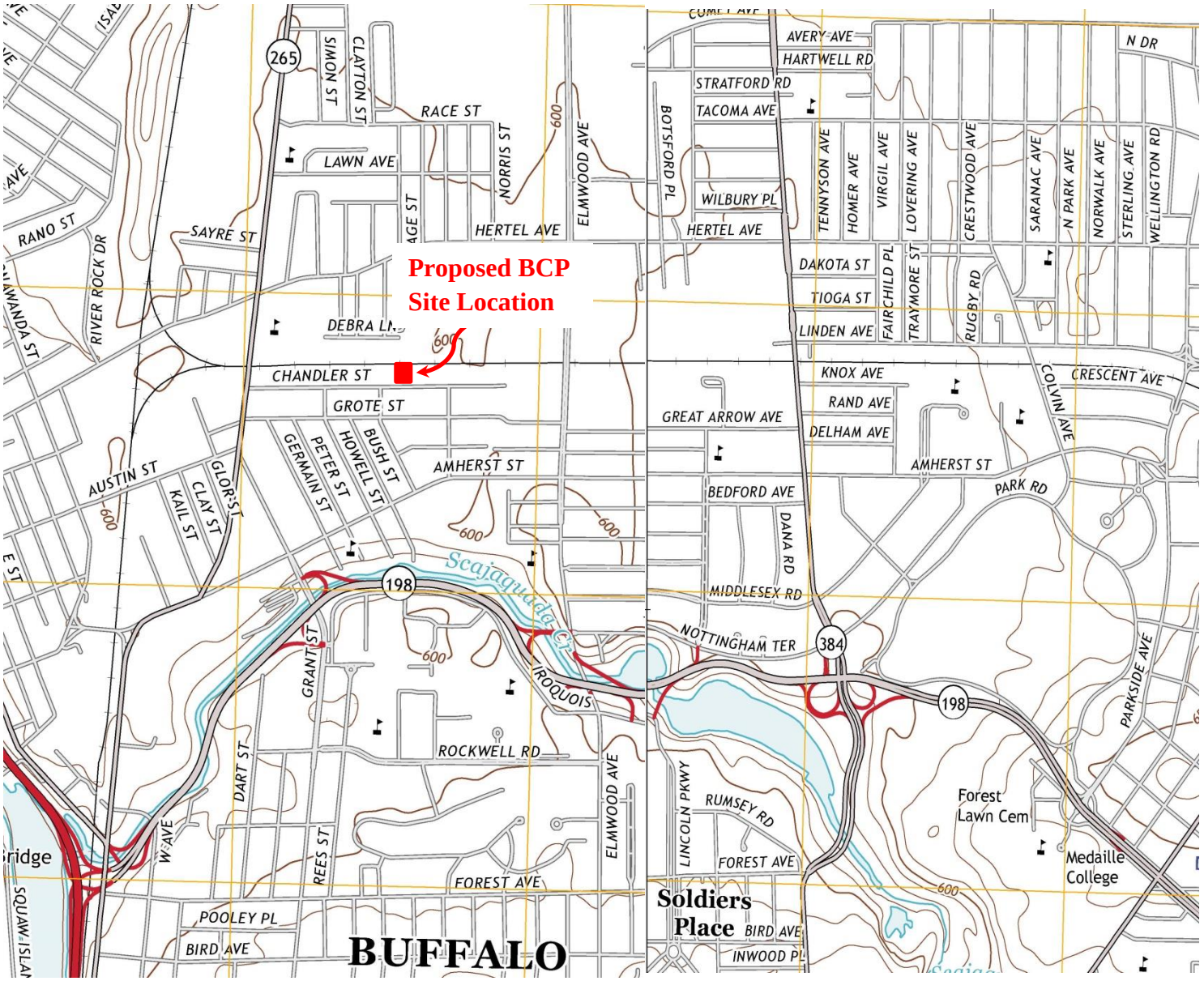
Figure IV-C – Site survey

Figure IV-D – Site Base Map

Figure IV-E – En-Zone Designation

Figure IV-F – Brownfield Opportunity Area

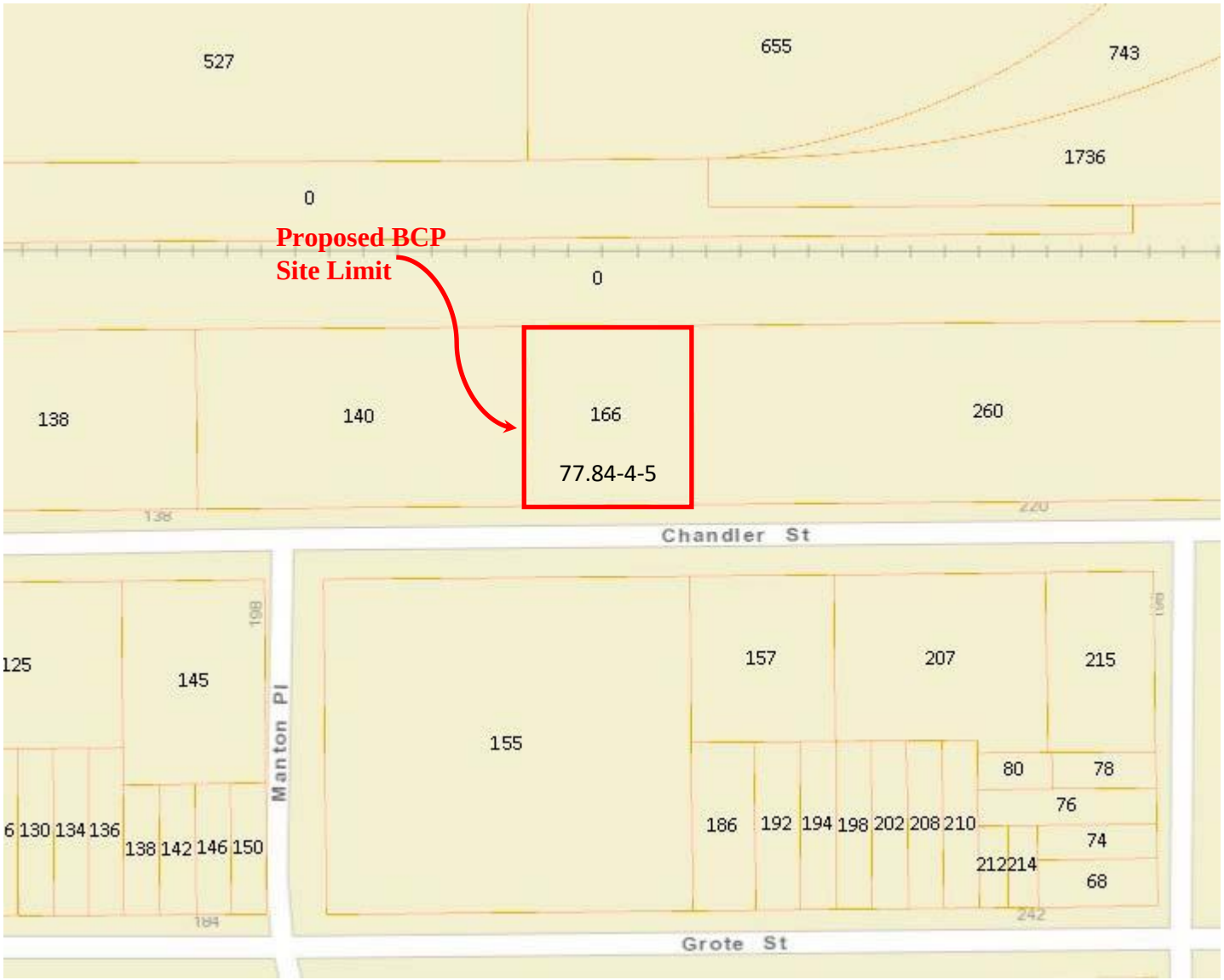
Property Description Narrative



THIS DRAWING IS FOR ILLUSTRATIVE AND INFORMATIONAL PURPOSES ONLY
AND WAS ADAPTED FROM USGS, BUFFALO NE & NW, NEW YORK 2013 QUADRANGLE.

N

HAZARD EVALUATIONS, INC. *Phase I/II Audits – Site Investigations – Facility Inspections*		
SITE LOCATION 166 CHANDLER STREET BUFFALO, NEW YORK		
BUFFALO, NEW YORK		
DRAWN BY: LSH	SCALE: NOT TO SCALE	PROJECT: e1608
CHECKED BY: MMW	DATE: 04/17	FIGURE NO: IV-A



Notes:
1 – Base map adapted from Erie County Department of Environment and Planning Office of GIS
2 – Boundaries of Site correspond with tax boundaries for SBL #77.84-4-5 at 166 Chandler.

HAZARD EVALUATIONS, INC.		
Phase I/II Audits – Site Investigations – Facility Inspections		
TAX MAP 166 CHANDLER STREET BUFFALO, NEW YORK		
166 Chandler Holdings, LLC BUFFALO, NEW YORK		
DRAWN BY: LSH	SCALE: NOT TO SCALE	PROJECT: e1608
CHECKED BY: MMW	DATE: 04/17	FIGURE NO: IV-B

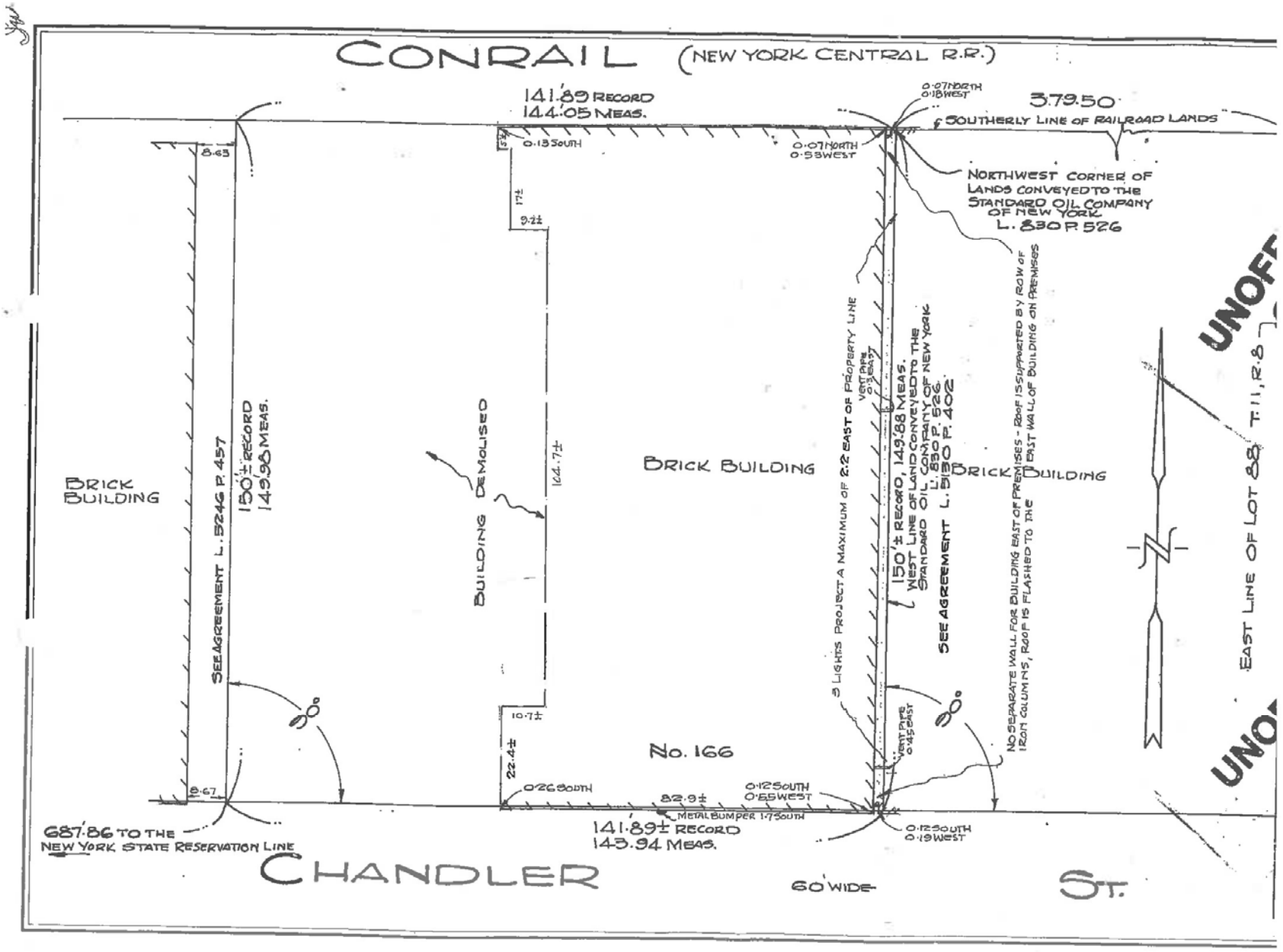


Figure IV-C
Site Survey

655 Hertel – Elmwood Village Charter School

1736 Elmwood –
Lee Singer

Conrail Railroad

Proposed BCP Boundary Lines

140 Chandler –
Chandler Solid LLC

Vacant Area

Site Building

260 Chandler –
Weatherpanel Holdings Inc.

Chandler Street

155 Chandler –
R&M Leasing LLC

157 Chandler –
R&M Leasing LLC

HAZARD EVALUATIONS, INC.
Phase I/II Audits – Site Investigations – Facility Inspections

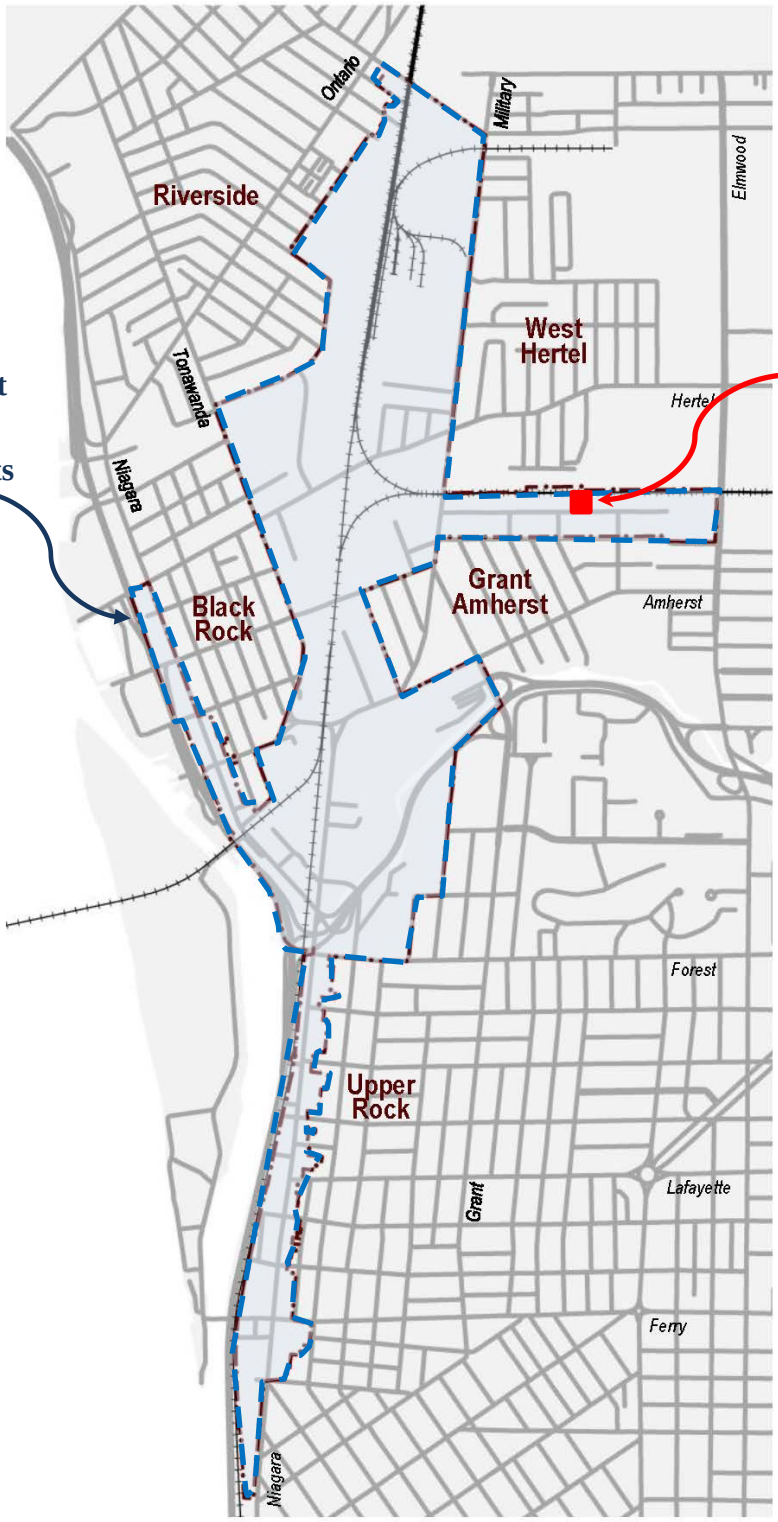
SITE BASE MAP
166 CHANDLER STREET
BUFFALO, NEW YORK

166 Chandler Holdings, LLC
BUFFALO, NEW YORK

DRAWN BY: MMW	SCALE: 1" = 40'	PROJECT: e1608
CHECKED BY:	DATE: 04/17	FIGURE NO: IV-D

Notes:
1 – Site located in pink shaded area, indicating Type AB En-Zone

HAZARD EVALUATIONS, INC.		
Phase I/II Audits – Site Investigations – Facility Inspections		
EN-ZONE 166 CHANDLER STREET BUFFALO, NEW YORK		
166 Chandler Holdings, LLC BUFFALO, NEW YORK		
DRAWN BY: LSH	SCALE: NOT TO SCALE	PROJECT: e1608
CHECKED BY: MMW	DATE: 04/17	FIGURE NO: IV-E



Tonawanda Street Corridor BOA approximate limits

Proposed BCP Site Location

BOA limits adapted from Tonawanda Street Corridor Brownfield Opportunity Area Step 2 Nomination Document obtained from: http://buffalogreencode.com/October2015/BOAs/tsc_step2_web.pdf

HAZARD EVALUATIONS, INC. *Phase I/II Audits – Site Investigations – Facility Inspections*		
Brownfield Opportunity Area 166 CHANDLER STREET BUFFALO, NEW YORK		
BUFFALO, NEW YORK		
DRAWN BY: MMW	SCALE: NOT TO SCALE	PROJECT: e1608
CHECKED BY: MMW	DATE: 04/17	FIGURE NO: IV-F

Property Description Narrative

Location – The site is addressed as 166 Chandler Street in the City of Buffalo, Erie County, New York and consists of one parcel totaling approximately 0.48 acres of land. The site is bound to the south by Chandler Street, to the west by vacant building and lot, and to the north by railroad line and to the east by a vacant lot used for storage. The property is located within an urban area, utilized for industrial, commercial, and residential purposes.

Site Features – The 166 Chandler parcel is improved with one 43,000 square foot four-story building located on the eastern portion of the site. Historic industrial fill and rubble resulting from the demolition of old buildings, as well as piles of soil/debris are located within the western parking area.

Current Zoning and Land Use – The building is vacant and inactive. 166 Chandler Street is currently zoned Commercial**,** other storage, warehouse and distribution facility.

Past Uses of the Site – The structure was originally constructed in 1907 as dairy machine manufacturer with additions to the building in 1909, 1919, 1927, and 1931. Former usages also included grocery, Linde Air Products, Sponge Air Seat Co., and Barcalo Mfg (furniture manufacturer). Several fires occurred during the 1980s and 1990s that resulted in demolition of western portion of building. The building has been vacant for over 20 years.

Prior remedial measures have not been completed at the site. Hazard Evaluations Inc. completed a limited Phase II investigation in November 2016. The work included completion of three hand augers, and 13 soil borings and collection of soil and groundwater samples, which is included in Section III. One soil boring and one test pit were also completed in October 2016.

Site Geology and Hydrogeology – Based on the soil borings completed, approximately 2 to 7.5 feet of granular and cohesive fill material is present throughout the site. The fill material extended to depths of 6 to 7.5 feet below grade in the vacant lot area. Silty clay was encountered below the fill material at six of the soil boring locations, and extended the full depth drilled. Groundwater was not encountered during the subsurface investigation work; with the exception of a perched condition at one hand auger location.

Based on a review of the site topographic conditions as depicted on the USGS 7.5 minute Topographic Quadrangle Map of Buffalo NW, New York, shallow regional groundwater flows is expected to flow in a southwesterly direction toward Scajaquada Creek located approximately 0.40 miles south and toward the Niagara River located approximately 1.25 miles west of the Site.

Environmental Assessment – Based on the investigation completed in October 2016, the primary contaminants of concern in the soil include semi-volatile organic compounds (SVOCs) including benzo(a)anthracene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene; metals including mercury; and trace PCBs.

Soil – The contamination at the site is primarily due to fill which varies from 2 to 7.5 feet below ground surface. SVOCs (PAHs) and metals were encountered in the soil samples collected from fill areas of the vacant lot at concentrations exceeding restricted residential soil cleanup

objectives (RRSCO). The concentrations of the PAHs were up to 29 ppm benzo(a)anthracene (RRSCO – 1 ppm); 24 ppm benzo(a)pyrene (RRSCO – 1 ppm); 31 ppm benzo(b)fluoranthene (RRSCO – 1ppm); 11 ppn benzo(k)fluoranthene (RRSCO – 3.9 ppm); 28 ppm chrysene (RRSCO – 3.9 ppm; 4.0 ppm dibenzo(a,h)anthracene (RRSCO - .330 ppm); and 15 ppm indeno(1,2,3-cd)pyrene (RRSCO – 0.5 ppm). The concentration of lead was up to 1.7 ppb (RRSCO – 0.81 ppm).

Groundwater – A perched groundwater condition was encountered at one location. Benzo(a)anthracene was encountered at 0.02 ppb which slightly exceeds the groundwater standard of 0.0002 ppb.

Section VI

Additional Requestor Information

Requestor's Relationships

The Requestor is the current owner.

Past owners and relationship with owner:

Grantee	Grantor	Date	Last known address/phone	Relationship to Requestor
166 Chandler Street Holdings, LLC	166 Chandler Street, LLC	2/4/2016	166 Chandler Street, Buffalo, NY 14207	Requestor
166 Chandler Street, LLC	David Rosen	4/24/2012	4511 Hyde Park Boulevard, Niagara Falls, NY 14305	None
David Rosen	Noel Sutton	4/6/2010	49 Hodge Avenue Buffalo, NY 14222	None
Noel Sutton	City of Buffalo	12/8/2009	155 Radcliffe Drive, Getzville, NY 14068	None
City of Buffalo Ref - Foreclosure		2/20/2009	65 Niagara Square, Buffalo, NY	None
Peace Bridge Niagara Realty, Inc.	David J. Rosen	4/5/2001	210 Amherst Street, Buffalo NY 14207	None
David J. Rosen	City of Buffalo	12/07/2000	219 Forestview Drive, Williamsville NY 14221	None
City of Buffalo Ref - Foreclosure		2/14/2000	65 Niagara Square, Buffalo, NY	None
Ontario Equipment Company, Inc.	Barcalo Manufacturing Company	6/15/1965	166 Chandler Street, Buffalo NY 14207	None
Barcalo Manufacturing Company	Chandler Industries, Inc.	05/01/1947	155 Chandler Street, Buffalo NY 14207	None

166 Chandler Operators

In addition to the various record owners of the parcels identified in the abstract of title, the Site has been occupied by a wide range of entities for a variety of uses for nearly a century. The following historical information is to the best of the Volunteer's information and belief.

The earliest records of commercial or industrial uses at the Site date back to the early 1900s. Permit cards from 1909 and 1916 sanborn map reflect that the property was occupied by Rice & Adams, manufacturers of dairy machinery. Permit cards and city directories identified Loblaw Groceries as the operator from the mid 1920s to early 1930s.

The Site appeared to be vacant for a several years before occupied in the late 1930s. Several commercial operatorss were present in the building including Megowen Educator Food Co (food products), Lehon Co, Inc. (building materials), G&W Emerick Trading (beer distributor), Hamlin Chauncy (building materials), Eagle Picher Sales (merchandise brokers), Meyers Co. (wholesale chemical), Acceptance Warehouse Co., Curtis Training School, Aeronautical Manufacturing Corp (laboratory) and Chandler Industries, Inc.

Based on city directory review and sanborn maps, the site building was occupied by Barcalo Manufacturing Co., a furniture manufacturer, from about 1948 to mid 1960s. G&R Machinery & Equipment occupied the Site from about 1968 to 1993. During this time frame, several additional operators were identified in city directory review, including Trainer Corp. of America (designer), Seneca Office Equipment (warehouse), Niagara Hobby Distributors, Edward Hahn Design (engineer), Eagle Mold Manufacturing (plastic mold manufacturing), Synyab (assembly warehouse), Dunwell Reconditioning (athletic equipment) and Marba Inc. (second hand athletic equipment and sales).

The site building has been vacant since the early 1990s. The Requestor, as a Volunteer, is not aware of last known address for the previous operators, other than 166 Chandler, Buffalo, New York. Additionally, the Requestor has no relationship with any of the past building operators. Below is a summary of know past operators.

Year	Last Known Address	Operator
2015, 2010, 2005, 1999, 1996		- Vacant – no occupant
1993, 1992, 1991, 1990	166 Chandler Street	- G & R Machinery & Equipment
1989, 1986	166 Chandler Street	- Marba Inc. (second hand athletic equipment and sales)
1982, 1978, 1977	166 Chandler Street	- Marba Inc. (second hand athletic equipment and sales) - Dunwell Reconditioning Inc. (athletic equipment)
1976, 1975	166 Chandler Street	- Sunyab (assembly warehouse)
1974	166 Chandler Street	- G & R Machinery & Equipment - Eagle Mould Manufacturing (molds for plastic manufacturing) - Edward Hahn Design (engineer) - Niagara Hobby Distributors Inc.

Year	Last Known Address	Operator
1973	166 Chandler Street	- G & R Machinery & Equipment - Eagle Mould Manufacturing (molds for plastic manufacturing) - Edward Hahn Design (engineer) - Niagara Hobby Distributors Inc. - Trainer Corp. of America (designer)
1970, 1969	166 Chandler Street	- G & R Machinery & Equipment - Trainer Corp. of America (designer) - Seneca Office Equipment (warehouse)
1968	166 Chandler Street	- G & R Machinery & Equipment - Trainer Corp. of America (designer)
1967, 1965	166 Chandler Street	- Vacant
1964, 1960, 1955, 1950	166 Chandler Street	- Barcalo Manufacturing Co. (furniture)
1948	166-82 Chandler Street	- Barcalo Manufacturing Co. (furniture)
1946	166-82 Chandler Street	- Chandler Industries Inc.
1940	166 Chandler Street	- Aeronautical Manufacturing Corp. (laboratory) - Acceptance Warehouse Co. - Curtis Training School
1940	168 Chandler Street	- Megowen Educator Food Co. (food products)
1941	166 Chandler Street	- Acceptance Warehouse Co. - Meyers Jas O Co. (whol chemical) - Eagle Picher Sales Co. (mdse brokers)
1938	166 Chandler Street	- Hamlin Chauncey J. Jr. Co. (building materials) - Emerick G & W Trading Corp. (beer distributor) - Lehon Co. Inc. (building materials)
1938	168 Chandler Street	- Megowen Educator Food Co. (food products)
1936	166-82 Chandler Street	- Not listed
1932	166-82 Chandler Street	- Vacant
1931, 1930, 1920s	166-82 Chandler Street	- Loblaw Groceterias Inc.
1909-1920s	168, 178-180 Chandler Street	- Rice & Adams, manufacturers of dairy machinery

ABSTRACT OF TITLE MADE BY

TRINITY TITLE & ABSTRACT CORP.

74 Niagara Street
Buffalo, New York 14202
716-842-0333 • FAX: 716-842-1902

Search No. S17-2231

Tax District 8, 143.05 feet front by 0 feet in depth, No. 166 Chandler, north side, 1,642.96 feet east of Military.

Assessed on 2016 roll to 166 Chandler Holdings, LLC

SBL No. 77.84-4-5

TRINITY TITLE & ABSTRACT CORP., a corporation duly incorporated and existing under the laws of the State of New York, for a valuable consideration to it paid, hereby guarantees and warrants, that there are no STATE TAX SALES, CITY or COUNTY TAXES, or TAX SALES or LOCAL ASSESSMENTS, now payable, affecting the above described REAL ESTATE on the tax rolls of the City of Buffalo or County of Erie (Sewer Rents based on water consumption or water charges not included),

EXCEPT AS FOLLOWS

NO SEARCH IS MADE FOR OCCUPANCY TAXES
NO SEARCH IS MADE FOR CITY OF BUFFALO USER FEES FOR SOLID WASTE COLLECTION

PURSUANT TO NEW YORK REAL PROPERTY LAW, SECTIONS 302 AND 520, THE REAL ESTATE TAX LIABILITY MAY BE AFFECTED UPON THE TRANSFER OF TITLE, IF PREMISES HAVE A PARTIAL OR FULL EXEMPTION.

2017 County Tax Roll With Collector	
Second Half City Taxes for 2016-2017	$929.11 plus interest
Sewer Rent for 2016-2017	$116.38 plus interest

Dated: February 2 2017

Trinity Title & Abstract Corp.

By Cecilia Hall
Authorized Signature

- *TITLE INSURANCE*
- *ABSTRACTS OF TITLE*
- *GUARANTEED TAX SEARCHES*
- *FEDERAL COURT SEARCHES*
- *UCC FINANCING SEARCHES*
- *FRANCHISE TAX SEARCHES*

WFG National Title Insurance Company
a Williston Financial Group company

ABSTRACT CERTIFICATE (Erie / Niagara County)

SERIAL # S17-2231 WFG

Order No:

Certificate No.:

Abstract by: **Trinity Title & Abstract Corp.**

Recertified to:

Recertified Set-Out Number(s):

Recertified End Set-Out Number(s):

Recertified Date:

WFG National Title Insurance Company, a South Carolina Corporation, for good consideration paid, GUARANTEES (pursuant to New York Insurance Law section 6403(b)(1) to the current record owner(s) of an interest in or specific lien upon the premises described at Set-Out(s) No(s) **at head of search** immediately preceding this Certificate (the "Subject Premises") and their successors in interest of record that:

1. It has searched Abstract of Judgments pursuant to Title 28, Condominium Liens, Federal Tax Liens (10 years), Financing Statements (up to 5 years), Grantor/Grantee, In Rem Proceedings Incompetencies/Conservatee, Judgments (10 years), Mechanics Liens (1 Year) Lis Pendens, Mechanics Liens (1 year), Mortgage, Notice of Pendency, Orders Appointing Receivers, Surety Bond Liens, indices maintained in the County Clerk's Office and the surrogate indices maintained in the Surrogate's Court, for the county in which the Subject Premises is located, against the names of the parties appearing in this Abstract as owning or having an interest in the Subject Premises during the record periods of such ownership from and including the date **05/01/1947** to the date of this Certificate.

2. It has searched the bankruptcy indices in the office of the clerk of the United States Bankruptcy Court for the Federal District in which the Subject Premises is located against the names of all record owners of an interest in the Subject Premises for six (6) months prior and subsequent to their respective period of ownership for twenty (20) years last past.

3. It has searched the Inactive Hazardous Waste Disposal Site Registry Index.

4. It found the matters set forth in the Abstract at Set-Outs; **1** through **18** said matters are correctly set forth therein; and, there is nothing more in those indices which appears to affect the Subject Premises, or any part thereof.

5. This search does not set forth mortgages, judgments, liens, notices of pendency or encumbrances recorded or filed prior to or during the period of this search for which cancellations, discharges or satisfactions have been recorded or filed. This Certificate shall be null and void if the fees therefore are not paid.

6. If any covenant or restriction referenced or appearing in this search .violates any provision of the Federal Fair Housing Act (42 U.S.C. ' 3601 et seq.), as amended, it is set forth herein solely in the interest of complete and accurate reporting.

7. The Guaranty under this Certificate shall not be limited by time.

IN WITNESS WHEROF, Trinity Title & Abstract Corp. on behalf of WFG National Title Insurance Company has caused this Certificate to be issued by its Authorized Company on **02/02/2017** at **8:59 am**.

TRINITY TITLE & ABSTRACT CORP.

Authorized Company

Cecilia Hall

Authorized Signatory

WFG NATIONAL TITLE INSURANCE COMPANY

By: _____
President

ATTEST: _____
Secretary

WFG NATIONAL TITLE INSURANCE COMPANY INCORPORATED 1974 SOUTH CAROLINA

ALL THAT TRACT OR PARCEL OF LAND, situate in the City of Buffalo, County of Erie and State of New York, being part of Lot No. 88, Township 11, Range 8 of the Holland Land Company's Survey and according to a map filed in the Erie County Clerk's Office under Cover No. 196, is known as and distinguished as part of Subdivision Lots Nos. 55 and 59 and all of Subdivision Lots Nos. 56, 57 and 58 in Block "A", bounded and described as follows:

BEGINNING at a point in the southerly line of the lands of the New York Central & Hudson River Railroad Company, 379.50 feet westerly from the point of intersection of the southerly line of the said Railroad Company's lands with the easterly line of said Lot No. 88, said point of beginning being also the northwest corner of lands conveyed by John L. Chase and John M. Hull to the Standard Oil Company of New York by deed recorded in the Erie County Clerk's Office in Liber 830 of Deeds at page 526; running thence southerly at right angles to Chandler Street and along the westerly line of lands so conveyed to the Standard Oil Company of New York, aforesaid, 150 feet, more or less, to the northerly line of Chandler Street, as laid down on a certain map made by E. P. Babcock and filed in the Erie County Clerk's Office under Cover No. 228; thence westerly and along the northerly line of Chandler Street, 141.89 feet, more or less to a point therein, which is 687.86 feet easterly from the intersection of the said northerly line of Chandler Street with the New York State Reservation line; thence northerly and at right angles to Chandler Street, 150 feet, more or less to the northerly line of the lands of the New York Central & Hudson River Railroad Company; and thence easterly and along the southerly line of said Railroad Company's lands, 141.89 feet, more or less to the place of beginning.

	Chandler Industries, Inc.	Warranty Deed
1	To	Dated May 1 1947
	Barcalo Manufacturing Company	Recorded May 1 1947 in Liber 4104 of Deeds at page 402
	(No search against the grantor)	Conveys premises et al.

Together with all the right, title and interest of the party of the first part in and to any streets, roads or alleys in front of or adjoining or included in, above-described premises or any portion thereof, and all right, title and interest of the party of the first part in and to any and all railroad switching rights, privileges and easements now vested in the party of the first part covering the use of the switches and trackage in the rear of the above-described premises, whether granted by the New York Central & Hudson River Railroad Company or otherwise.

	In the Matter	Certificate of Incorporation
2	Of	Filed April 14 1896
	Barcalo Manufacturing Company	
	(File No. 851)	

	Barcalo Manufacturing Company	Agreement
		Dated May 15 1952
3	With	Recorded June 10 1952 in
	Buffalo Weaving and Belting Company	Liber 5130 of Deeds at page 402
	(successor by consolidation of the Merriam Development Company, Inc.)	Recites: See Agreement recorded in Liber 5130 of Deeds at page 402 - copy attached hereto.
	(No search against second party)	

LIBER 5130 PAGE 402

AGREEMENT

THIS AGREEMENT, made the 15th day of May, 1952 by and between BARCALO MANUFACTURING COMPANY, a corporation organized under the laws of the State of New York, having its principal office at No. 225 Louisiana Street in the City of Buffalo, County of Erie and State of New York, party of the first part, and BUFFALO WEAVING AND BELTING COMPANY (successor by consolidation of THE MERRIAM DEVELOPMENT COMPANY, INC.), a corporation organized under the laws of the State of New York, having its principal office at No. 260 Chandler Street in the City of Buffalo, County of Erie and State of New York, party of the second part;

W I T N E S S E T H :

WHEREAS, the party of the first part is the owner of certain premises situate on the northerly side of Chandler Street in the City of Buffalo, County of Erie and State of New York, more particularly identified as the parcel of land secondly described in a certain warranty deed from Chandler Industries, Inc. to Barcalo Manufacturing Company, dated May 1, 1947, and recorded in the Erie County Clerk's Office in Liber 4104 of Deeds at page 402; and

WHEREAS, the party of the second part is the owner of certain adjoining premises, lying easterly thereof, more particularly described in a certain warranty deed from Buffalo Weaving and Belting Company to The Merriam Development Company, Inc., dated June 12, 1943, and recorded in the Erie County Clerk's Office in Liber 3393 of Deeds at page 285; and

WHEREAS, there is erected on said lands of the party of the first part a four story brick building with its easterly wall located from 0.55 of a foot to 0.53 of a foot westerly of

the common property line as shown upon a certain survey map made by Herthe & Sonnenberger dated September 4, 1949, and identified as No. 52-1006, a copy of which marked "A" is attached to and made a part of this agreement; and

WHEREAS, the party of the second part desires to erect a building upon its said premises which will use the said easterly wall of the building of the party of the first part as a curtain wall;

NOW, THEREFORE, in consideration of the premises and of the sum of One Dollar ($1.00) by each party to the other in hand paid, the receipt whereof is hereby acknowledged, it is covenanted and agreed as follows:

1. The party of the first part covenants and agrees that the party of the second part may use the easterly wall of the building of the party of the first part, as shown on the attached survey map, as a curtain wall so long as said wall stands provided:

(a) That the party of the second part shall, at its own proper cost and expense fill in all openings in said easterly wall of first party's building with brick work of a character similar to the balance of said wall.

(b) That the party of the second part shall erect its building in such a manner that the roof and walls thereof shall have structural support which is independent of the said wall of the building of the party of the first part.

(c) That the party of the second part shall, in erecting the roof of its building, provide adequate flashing to protect the joint from the weather.

2. The party of the second part covenants and agrees:

(a) That it shall proceed with the contemplated construction in a good and workmanlike manner and shall in all respects comply with any and all provisions of law or of local ordinances applicable thereto.

(b) That it shall indemnify and save harmless the party of the first part from and against all loss or liability for or on account of any injury or damages to person or property, including death, arising out of the aforesaid construction.

(c) That upon receipt of written notice from the party of the first part of its intention to demolish the said easterly wall of the building of the party of the first part, it will discontinue its use of such wall as a curtain wall and will remove those portions of its structure extending westerly of the common property line.

(d) That so long as the said easterly wall of the building of the party of the first part stands it may continue to maintain and use the metal vent extending easterly therefrom upon property of the party of the second part.

(e) That it shall never make any claim of title to the lands lying westerly of the common boundary line as shown on the attached survey map.

3. It is mutually covenanted and agreed that all rights given and granted hereunder shall cease and determine upon the demolition or other removal of the said easterly wall of the building erected upon the lands of the party of the first part.

4. It is mutually covenanted and agreed that the covenants and agreements hereof shall run with the land and bind and enure to the benefit of the respective grantees, mortgagees, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the respective parties have caused their corporate seals to be hereunto affixed and these presents

LIBER 5130 PAGE 405

to be signed by their duly authorized officers the day and year first above written.

BARCALO MANUFACTURING COMPANY

By Adrian C. Allen
Vice-Pres.

BUFFALO WEAVING AND BELTING COMPANY

By Herbert E. Burns
Vice-Pres

STATE OF NEW YORK)
: SS.:
COUNTY OF ERIE)

On this 1st day of May, 1952, before me personally came Adrian C. Allen, to me personally known, who being by me duly sworn, did depose and say that he resides in the City of Buffalo, New York; that he is the Vice president of BARCALO MANUFACTURING COMPANY, the corporation described in and which executed the above Instrument; that he knows the seal of said corporation; that the seal affixed to said Instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation, and that he signed his name thereto by like order.

Irma E. Recktenwell

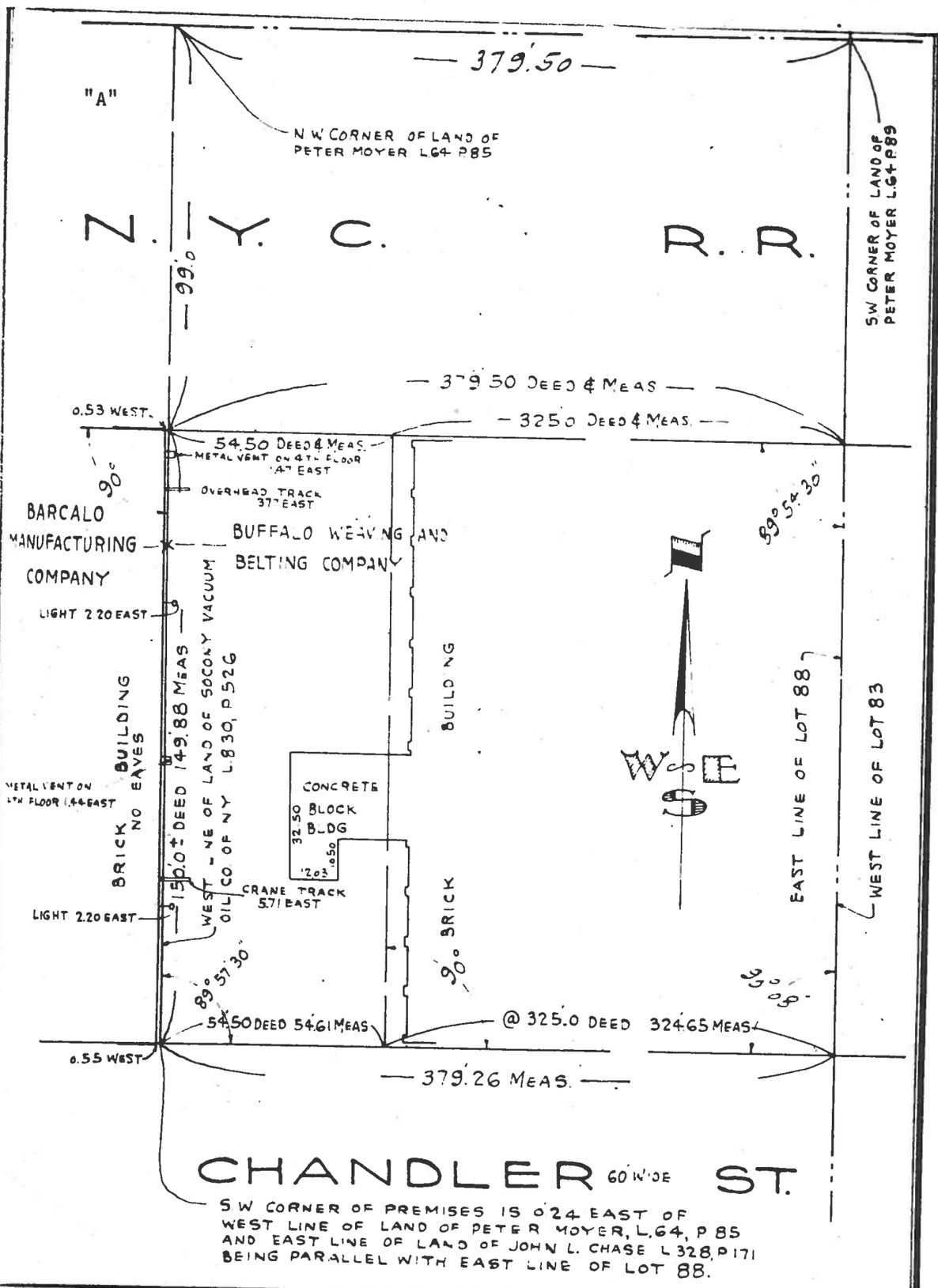
1954

STATE OF NEW YORK)
: SS.:
COUNTY OF ERIE)

On this 15th day of May, 1952, before me, personally came Herbert E. Duran, to me personally known, who being by me duly sworn, did depose and say that he resides in the Town of Tonawanda, New York; that he is the Vice-president of BUFFALO WEAVING AND BELTING COMPANY, the corporation described in and which executed the above Instrument; that he knows the seal of said corporation; that the seal affixed to said Instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation, and that he signed his name thereto by like order.

James E. Tucktewell

[illegible] New York
My [illegible] expires March 30, [illegible]



LIBER 5130 PAGE 402

HERTHE & SONNENBERGER ENGINEERS & SURVEYORS BUFFALO, N. Y.		RE-SURVEY
SCALE 1 IN. = 30 FT.	DATE SEPT. 4, 1949	DATE / NUMBER
SHEET 20452	NUMBER 52-1006	DATE / NUMBER
		DATE / NUMBER
		DATE / NUMBER

WHITE & GETMAN — Successors To ELLSWORTH, BARROWS & POLLARD — FREDERICK K. WING CO.

	Enterprise Oil Company	Agreement
4	With	Dated December 4 1952
	Barcalo Manufacturing	Recorded December 30 1952 in
	Company	Liber 5246 of Deeds at page 457
	(No search against	Recites: See Agreement recorded
	first party)	in Liber 5246 of Deeds at page 457 -
		copy attached hereto.

AGREEMENT

THIS AGREEMENT, made the 4th day of December, 1952, by and between ENTERPRISE OIL COMPANY, INC., a corporation organized under the laws of the State of New York, having its principal office at No. 164 Chandler Street in the City of Buffalo, County of Erie and State of New York, hereinafter referred to as "Enterprise," party of the first part, and BARCALO MANUFACTURING COMPANY a corporation organized under the laws of the State of New York, having its principal office at No. 225 Louisiana Street in the City of Buffalo, County of Erie and State of New York, hereinafter referred to as "Barcalo," party of the second part;

W I T N E S S E T H :

WHEREAS, Enterprise is the owner of certain premises situate on the northerly side of Chandler Street in the City of Buffalo, County of Erie and State of New York, more particularly described in a certain warranty deed from Frank B. Hower and wife to Enterprise Oil Company, Inc., dated June 3, 1922, and recorded in the Erie County Clerk's Office in Liber 1601 of Deeds at page 631; and

WHEREAS, Barcalo is the owner of certain adjoining premises more particularly identified as the parcel of land secondly described in a certain warranty deed from Chandler Industries, Inc. to Barcalo Manufacturing Company, dated May 1, 1947, and recorded in the Erie County Clerk's Office in Liber 4104 of Deeds at page 402; and

WHEREAS, the said premises and the comparative locations of the buildings erected thereon are shown on a certain survey No. 52-2464 made by Berthe & Sonnenberger and dated September 20, 1952, a print of which is attached to and made a

part of this Agreement; and

WHEREAS, there is presently attached to the Barcalo building a sawdust exhaust blower, which with its framework and concrete base extends from 1.10 of a foot to 1.26 of a foot upon the lands of Enterprise; and

WHEREAS, Barcalo is about to enclose said exhaust blower with a cinder block building 12 feet wide and 36 feet long which will extend approximately 0.50 of a foot upon the lands of Enterprise in the location crosshatched and marked "A" upon the above mentioned survey; and

WHEREAS, the erection of such building will be mutually advantageous as tending to confine the sawdust passing through said exhaust blower; and

WHEREAS, Barcalo has requested that Enterprise grant an appropriate easement permitting the erection of said building and the maintenance of said building together with the concrete base and framework in the locations shown on the said survey, and Enterprise has agreed to grant such easement;

NOW, THEREFORE, in consideration of the premises and of the sum of One Dollar ($1.00) by each party to the other in hand paid, the receipt whereof is hereby severally acknowledged, it is covenanted and agreed as follows:

1. Enterprise grants and conveys to Barcalo the right and easement to erect and maintain said cinder block building 12 feet wide and 36 feet long and to continue to maintain the concrete base for the exhaust blower in the locations indicated on the attached map of survey so long as said cinder block building shall stand or until said right and easement is terminated by the terms of this Agreement, whichever shall occur sooner.

2. Barcalo covenants and agrees:

(a) That it shall proceed with the contemplated construction in a good and workmanlike manner and shall in all respects comply with any and all provisions of law or of local ordinances applicable thereto.

(b) That it shall indemnify and save harmless Enterprise from and against all loss or liability for or on account of any injury or damages to person or property, including death, arising out of the aforesaid construction.

(c) That it shall never make any claim of title to the lands lying westerly of the common boundary line as shown on the attached survey map.

(d) That upon receipt of written notice from Enterprise of its intention to erect a building or other structure on its premises in a location which will extend over and upon that portion of its premises occupied by Barcalo, it will, within ninety (90) days thereafter, discontinue its use of Enterprise's premises and remove those portions of its structures extending westerly of the common boundary line and the right and easement herein granted shall thereupon cease and determine.

(e) That the right and easement granted hereunder shall cease and determine upon the demolition or other removal of the building about to be erected by Barcalo.

3. It is mutually covenanted and agreed that the covenants and agreements hereof shall run with the land and bind and enure to the benefit of the respective grantees, mortgagees, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the respective parties have caused their corporate seals to be hereunto affixed and these presents

to be signed by their duly authorized officers the day and year first above written.

ENTERPRISE OIL COMPANY, INC.

By _____

BARCALO MANUFACTURING COMPANY

By _____

STATE OF NEW YORK)
: SS.:
COUNTY OF ERIE)

On this 16th day of December, 1952, before me personally came, J. L. Martin, to me personally known, who, being by me duly sworn, did depose and say that he resides in Erie County, State of New York; that he is the Secretary-Treasurer of ENTERPRISE OIL COMPANY, INC., the corporation described in and which executed the above Instrument; that he knows the seal of said corporation; that the seal affixed to said Instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation; and that he signed his name thereto by like order.

_____

H. WINNIFRED BECK Reg. No. 3589
Notary Public, State of New York
Residing in Erie County
My Commission Expires March 30, 1953

	Enterprise Oil Company, Inc.	Agreement
5	With	Dated March 31 1955
	Barcalo Manufacturing	Recorded April 6 1955 in
	Company	Liber 5724 of Deeds at page 566
	(No search against	Recites: See Agreement recorded
	first party)	in Liber 5724 of Deeds at page 566 -
		copy attached hereto.

LIBER 5724 PAGE 566

- Agreement -

THIS AGREEMENT, made the 31st day of March, 1955, by and between ENTERPRISE OIL COMPANY, INC., a corporation organized under the laws of the State of New York, having its principal office at No. 164 Chandler Street in the City of Buffalo, County of Erie and State of New York, hereinafter referred to as "Enterprise," party of the first part, and BARCALO MANUFACTURING COMPANY, a corporation organized under the laws of the State of New York, having its principal office at No. 225 Louisiana Street in the City of Buffalo, County of Erie and State of New York, hereinafter referred to as "Barcalo;" party of the second part;

W I T N E S S E T H :

WHEREAS, Enterprise is the owner of certain premises situate on the northerly side of Chandler Street in the City of Buffalo, County of Erie and State of New York, more particularly described in a certain warranty deed from Frank B. Hower and wife to Enterprise Oil Company, Inc., dated June 3, 1922, and recorded in the Erie County Clerk's Office in Liber 1601 of Deeds at page 631; and

WHEREAS, Barcalo is the owner of certain adjoining premises more particularly identified as the parcel of land secondly described in a certain warranty deed from Chandler Industries, Inc. to Barcalo Manufacturing Company, dated May 1, 1947 and recorded in the Erie County Clerk's Office in Liber 4104 of Deeds at page 402; and

WHEREAS, the said premises and the comparative locations of the buildings erected thereon are shown on a certain survey No. 52-2464 made by Herthe & Sonnenberger and dated September 20, 1952, a print of which is attached to and made a part of this Agreement; and

WHEREAS, there is presently attached to the Barcalo building pursuant to an agreement between the same parties dated December 4, 1952 and recorded in Erie County Clerk's Office in Liber 5246 of Deeds at page 457, a concrete block building twelve feet wide and thirty-six feet long which encroaches approximately six inches upon the lands of Enterprise; and

WHEREAS, Barcalo has requested that Enterprise grant an additional easement permitting the extension of said concrete block building twelve feet wide for a distance of approximately thirty-six feet to the rear of the four-story brick building erected upon the lands of Barcalo and Enterprise has agreed to grant such easement;

NOW, THEREFORE, in consideration of the premises and of the sum of One Dollar ($1.00) by each party to the other in hand paid, the receipt whereof is hereby severally acknowledged, it is covenanted and agreed as follows:

1. Enterprise grants and conveys to Barcalo the right and easement to erect an extension of said cinder block building twelve feet wide for a distance of approximately thirty-six feet in the location marked "B" on the attached map of survey and to maintain the same in that location so long as said cinder block building shall stand or until said right and easement is terminated by the terms of this agreement, whichever shall occur sooner.

2. Barcalo covenants and agrees:

(a) That it shall proceed with the contemplated construction in a good and workmanlike manner and shall in all respects comply with any and all provisions of law or of local ordinances applicable thereto.

(b) That it shall indemnify and save harmless

Enterprise from and against all loss or liability for or on account of any injury or damages to person or property, including death, arising out of the aforesaid construction.

(c) That it shall never make any claim of title to the lands lying westerly of the common boundary line as shown on the attached survey map.

(d) That upon receipt of written notice from Enterprise of its intention to erect a building or other structure on its premises in a location which will extend over and upon that portion of its premises occupied by Barcalo, it will, within ninety (90) days thereafter, discontinue its use of Enterprise's premises and remove those portions of its structures extending westerly of the common boundary line and the right and easement herein granted shall thereupon cease and determine.

(e) That the right and easement granted hereunder shall cease and determine upon the demolition or other removal of the building about to be erected by Barcalo.

3. It is mutually covenanted and agreed that the covenants and agreements hereof shall run with the land and bind and enure to the benefit of the respective grantees, mortgagees, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the respective parties have caused their corporate seals to be hereunto affixed and these presents to be signed by their duly authorized officers the day and year first above written.

ENTERPRISE OIL COMPANY, INC.

By _____

BARCALO MANUFACTURING COMPANY

By _____

STATE OF NEW YORK)
: SS.
COUNTY OF ERIE)

On this 31st day of March, 1955, before me personally came J. S. Woolstencroft, to me personally known, who, being by me duly sworn, did depose and say that he resides in State of New York, County of Erie; that he is the Asst. Sec-Treas of ENTERPRISE OIL COMPANY, INC., the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation; and that he signed his name thereto by like order.

GILBERT W. CORBIN
NOTARY PUBLIC
STATE OF NEW YORK

Gilbert W. Corbin

GILBERT W. CORBIN
Notary Public, State of New York
Qualified in Erie County
My Commission Expires March 30, 1957

STATE OF NEW YORK)
: SS.
COUNTY OF ERIE)

On this 4th day of April, 1955, before me personally came G. J. Lilienroth, Jr., to me personally known, who, being by me duly sworn, did depose and say that he resides in East Aurora, New York; that he is the Secretary-Treasurer of BARCALO MANUFACTURING COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation, and that he signed his name thereto by like order.

DORIS M. PETERSON
NOTARY PUBLIC
ERIE COUNTY, N.Y.

Doris M. Peterson

DORIS M. PETERSON
Notary Public, State of New York
Qualified in Erie County [illegible] time of appointment
Commission expires March 30, 1956

	Quaker State Oil Refining Corporation With Barcalo Manufacturing Company (No search against first party)	Agreement Dated September 24 1958 Recorded October 8 1958 in Liber 6347 of Deeds at page 251 Recites: See Agreement recorded in Liber 6347 of Deeds at page 251 - copy attached hereto.
6		

THIS AGREEMENT, made the 24th day of September, 1958, by and between QUAKER STATE OIL REFINING CORPORATION, a corporation organized under the laws of the State of Delaware, having its principal office at 11 Center Street, Oil City, Pennsylvania, hereinafter referred to as "Quaker State", party of the first part, and BARCALO MANUFACTURING COMPANY, a corporation organized under the laws of the State of New York, having its principal office at 225 Louisiana Street, Buffalo, New York, hereinafter referred to as "Barcalo", party of the second part;

W I T N E S S E T H : That

WHEREAS, Quaker State is the owner of certain premises situate on the northerly side of Chandler Street in the City of Buffalo, County of Erie and State of New York, more particularly described in a certain warranty deed from Enterprise Oil Company, Inc. to Quaker State dated November 30, 1955 and recorded in Erie County Clerk's Office on February 8, 1956 in Liber 5931 of Deeds at page 118; and

WHEREAS, Barcalo is the owner of certain adjoining premises more particularly identified as the parcel of land secondly described in a certain warranty deed from Chandler Industries, Inc. to Barcalo, dated May 1, 1947, and recorded in the Erie County Clerk's Office in Liber 4104 of Deeds at page 402; and

WHEREAS, the said premises and the comparative locations of the buildings thereon are shown on a certain survey No. 52-2464 made by Herthe & Sonnenberger, a print of which is attached to and made a part of this Agreement; and

WHEREAS, there are presently attached to the Barcalo

building, pursuant to agreements between Enterprise Oil Company, Inc. and Barcalo dated December 4, 1952 and March 31, 1955, respectively, and recorded in Erie County Clerk's Office in, respectively, Liber 5246 of Deeds at page 457 and Liber 5724 of Deeds at page 566, concrete block and metal-clad buildings shown on the attached map of survey which encroach up to 1.23 feet upon the lands of Quaker State; and

WHEREAS, Barcalo has requested that Quaker State grant an additional easement permitting the location, construction, maintenance, operation, relocation, repair, change of size, and removal of an underground gas pipe line which will run from the south boundary of the lands of Quaker State to the north boundary of the lands of Quaker State and which will lie at every point within two and one-half feet from the westerly line of the lands of Barcalo, and Quaker State has agreed to grant such easement;

NOW, THEREFORE, in consideration of the premises and of the sum of One Dollar ($1) by each party to the other in hand paid, the receipt whereof is hereby severally acknowledged, it is covenanted and agreed as follows:

1. Quaker State hereby grants and conveys to Barcalo the right, privilege and easement to locate, construct, maintain, operate, relocate, repair, change size and remove, at Barcalo's own cost, expense and risk, an underground gas pipe line, together with its valves, fittings, connections, shut-off valves and boxes, accessories and appurtenances, over, under and through Quaker State's said lands within the area marked "A" on the attached map of survey, which said gas pipe line will be more particularly located and installed, at every point, within 2-1/2 feet of the westerly line of the lands of Barcalo.

2. Barcalo covenants and agrees:

(a) That it shall proceed with the contemplated installation in a good and substantial workmanlike manner and shall in all respects comply with any and all provisions of law or of local ordinances applicable thereto.

(b) That it shall indemnify and save harmless Quaker State from and against all loss or liability for or on account of any injury or damages to person or property, including death, arising out of the aforesaid installation.

3. It is mutually covenanted and agreed that the covenants and agreements hereof shall run with the land and bind and enure to the benefit of the respective grantees, mortgagees, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the respective parties have caused their corporate seals to be hereunto affixed and these presents to be signed by their duly authorized officers the day and year first above written.

QUAKER STATE OIL REFINING CORPORATION

By F. C. Toomey, Pres.

BARCALO MANUFACTURING COMPANY

By _____ Vice President

Barcalo Manufacturing Company

To

Ontario Equipment Company, Inc.

Warranty Deed

Dated June 15 1965

7 Recorded June 15 1965 in Liber 7118 of Deeds at page 491

Conveys premises et al.

Together with all the right, title and interest of the party of the first part in and to any streets, roads or alleys in front of or adjoining or included in, above-described premises or any portion thereof, and all right, title and interest of the party of the first part in and to any and all railroad switching rights, privileges and easements now vested in the party of the first part covering the use of the switches and trackage in the rear of the above-described premises, whether granted by the New York Central & Hudson River Railroad Company or otherwise.

In the Matter

Of

Ontario Equipment Company, Inc.

(File No. 37308)

Certificate of Incorporation

8 Filed March 24 1961

In the Matter

Of

The Foreclosure of Tax Liens by Proceeding In Rem, pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo Affecting Districts Nos. 1 - 14, inclusive

(Index No. I2000-1077)

County Court: Erie County

9 In Rem No. 34

Serial No. 1776

Filed February 14 2000

Lists Property: 166 Chandler, 1642.96' E. of Military, 150' to RR, 143' X 0'

Lists Owner: Ontario Equipment Company, Inc.

The City of Buffalo, by Michael A. Seaman,

Referee's Deed

Dated December 7 2000

Deputy Commissioner of Administration and Finance, and Director of the Treasury, and as Referee

To

David J. Rosen

Recorded February 26 2001 in Liber 10977 of Deeds at page 3963
Consideration $3,000.00

Conveys premises, pursuant to judgment in the last above action.

10

David J. Rosen

To

Peace Bridge Niagara Realty, Inc.

Warranty Deed
Dated April 5 2001
Recorded April 5 2001 in Liber 10979 of Deeds at page 1830

Conveys premises.

Together with all the right, title and interest of the party of the first part in and to any streets, roads or alleys in front of or adjoining or included in, above-described premises or any portion thereof, and all right, title and interest of the party of the first part in and to any and all railroad switching rights, privileges and easements now vested in the party of the first part covering the use of the switches and trackage in the rear of the above-described premises, whether granted by the New York Central & Hudson River Railroad Company or otherwise.

Subject to restrictive covenants, easements and rights of way of record or as shown on any map cover.

11

In the Matter

Of

Peace Bridge Niagara Realty, Inc.

Certificate of Incorporation
Filed May 11 1999
Q64-9530

12

In the Matter

Of

The Foreclosure of Tax Liens by Proceeding In Rem, pursuant to Article Eleven of the

County Court: Erie County
In Rem No. 43
Serial No. 3027
Filed February 20 2009
Lists Property: 166 Chandler, 1642.96 E. of Military, 150' to RR, 143' X 0'

13

Real Property Tax Law
by the City of Buffalo
Affecting Districts
Nos. 1 - 14, inclusive
(Index No. I2009-1430)

Lists Owner: Peace Bridge Niagara Realty, Inc.

The City of Buffalo, The City of Buffalo Water Board, and The City of Buffalo Sewer Authority, by Michael A. Seaman, Director of the Treasury and Collections, Deputy Commissioner of Administration, Finance, Policy and Urban Affairs, as Referee

14 To

Noel Sutton

Referee's Deed
Dated December 8 2009
Recorded December 9 2009 in
Liber 11174 of Deeds at page 5020
Consideration $9,500.00

Conveys premises, pursuant to judgment in the last above action.

Noel Sutton

15 To

David Rosen

Quit Claim Deed
Dated April 6 2010
Recorded April 6 2010 in
Liber 11180 of Deeds at page 2479

Conveys premises.

Together with all the right, title and interest of the party of the first part in and to any streets, roads or alleys in front of or adjoining or included in, above-described premises or any portion thereof, and all right, title and interest of the party of the first part in and to any and all railroad switching rights, privileges and easements now vested in the party of the first part covering the use of the switches and trackage in the rear of the above-described premises, whether granted by the New York Central & Hudson River Railroad Company or otherwise.

Subject to restrictive covenants, easements and rights of way of record or as shown on any map cover.

Recites that this conveyance is intended as a gift, not done to defraud any creditors and does not render the grantor insolvent.

	David Rosen	Warranty Deed
16	To	Dated April 24 24 2012
	166 Chandler Street, LLC	Recorded April 24 24 2012 ub
		Liber 11221 of Deeds at page 0-0-
		Conveys premises.

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	166 Chandler Street, LLC	Warranty Deed
17	To	Dated February 4 2016
	166 Chandler Holdings, LLC	Recorded February 17 2016 in
		Liber 11292 of Deeds at page 2937
		Conveys premises.

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	166 Chandler Holdings, LLC	Mortgage
18	To	Dated February 4 2016
	166 Chandler Street	Recorded February 17 2016 in
	Holdings, LLC	Liber 13755 of Mortgages at page 2291
		Given to secure $250,000.00
		on premises.

Feb-2-2017 ----------
At '8:59' AM
PE/ch

TRINITY TITLE & ABSTRACT CORP.,
A corporation duly incorporated and existing
Under the laws of the State of New York,
Individually and as Agent for
WFG NATIONAL TITLE INSURANCE COMPANY,
A New York licensed Title Insurance Company

Privacy Policy Notice

PURPOSE OF THIS NOTICE

Title V of the Gramm-Leach-Bliley Act (GLBA) generally prohibits any financial institution, directly or through its affiliates, from sharing nonpublic personal information about you with a non-affiliated third party unless the institution provides you with a notice of its privacy policies and practices, such as the type of information that it collects about you and the categories of persons or entities to whom it may be disclosed. In compliance with the GLBA, we are providing you with this document, which notifies you of the privacy policies and practices of WFG National Title Insurance Company.

We may collect nonpublic personal information about you from the following sources:

Information we receive from you such as on applications or other forms.

Information about your transactions we secure from our files, or from (our affiliates or) others.

Information we receive from a consumer reporting agency.

Information that we receive from others involved in your transaction, such as the real estate agent or lender.

Unless it is specifically stated otherwise in an amended Privacy Policy Notice, no additional nonpublic personal information will be collected about you.

We may disclose any of the above information that we collect about our customers or former customers to our affiliates or to non-affiliated third parties as permitted by law.

We also may disclose this information about our customers or former customers to the following types of non-affiliated companies that perform marketing services on our behalf or with whom we have joint marketing agreements:

Financial services providers such as companies engaged in banking, consumer finance, securities and insurance.

Non-financial companies such as envelope stuffers and other fulfillment service providers.

WE DO NOT DISCLOSE ANY NONPUBLIC PERSONAL INFORMATION ABOUT YOU WITH ANYONE FOR ANY PURPOSE THAT IS NOT SPECIFICALLY PERMITTED BY LAW.

We restrict access to nonpublic personal information about you to those employees who need to know that information in order to provide products or services to you. We maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Section VII

Requestor Eligibility Information

Volunteer – 166 Chandler Holdings, LLC should be considered a Volunteer to the BCP. 166 Chandler Holdings, LLC purchased the property in February 2016 for future redevelopment. No activities or operations have occurred since purchase. The impacts are associated with historical industrial fill. 166 Chandler Holdings LLC has not operated the subject site, and therefore does not have responsibility for the contamination present at the site.

Section IX

Contact List

Contact List

Letter from Repository

Contact List		
Federal Representative		
U.S. Representative Brian Higgins 27th District Local Office 640 Park Place Niagara Falls, NY 14301 716-282-1274	US Senator Hon. Charles E. Schumer 130 South Elmwood Ave. #660 Buffalo, NY 14202 716-846-4111	US Senator Hon. Kristen Gillibrand 726 Exchange St., Suite 511 Buffalo, NY 14201 716-854-9725
New York Representative		
New York State Senator Timothy M. Kennedy 2239 South Park Ave Buffalo, NY 14220 Phone: 716-826-2683 Fax: 716-826-2793	New York State Assemblyman Sean Ryan District Office 936 Delaware Avenue Buffalo, NY 14209 716-885-9630 Fax: 716-885-9636	
Erie County Representative		
Erie County Executive Mark Poloncarz 95 Franklin Street 16th Floor Buffalo, New York 14202 (716) 858-8500	Erie County Clerk Christopher L. Jacobs 92 Franklin Street Buffalo, New York 14202 (716) 858-8865	Commissioner of Environment and Planning Thomas R. Hersey, Jr. Edward A. Rath County Office Building 95 Franklin Street 10th Floor Buffalo, New York 14202 (716) 858-8390
City of Buffalo Representative		
Office of the Mayor Mayor Byron W. Brown 201 City Hall Buffalo, New York 14202 (716) 852-3300	Division of Environment Dennis Sutton 920 City Hall Buffalo, New York 14202 (716) 851-6587	Office of Strategic Planning Brendan Mehaffy, Executive Director 201 City Hall Buffalo, New York 14202 (716) 851-2872
Planning Board Nadine Marrero Director of Planning 901 City Hall Buffalo, New York 14202 (716) 851-5029		
Adjacent Property Owners		
140 Chandler Street Chandler Solid LLC 295 Main Street Suite 1082 Buffalo, NY 14203	260 Chandler Street Weatherpanel Holdings, Inc. 285 Chandler Street Buffalo, NY 14207	155 Chandler Street Ontario Equipment Company, Inc. 155 Chandler Street Buffalo, NY 14207
155 Chandler Street Ontario Equipment Company, Inc. 155 Chandler Street Buffalo, NY 14207	1736 Elmwood Lee Singer 121 Promenade Ln Williamsville, NY 14221	655 Hertel Elmwood Village Charter School 40 Days Park Buffalo, NY 14201

Local News Media		
Buffalo News One News Plaza PO Box 100 Buffalo, NY 14240 716-849-4444	WGRZ-TV Channel 2 259 Delaware Avenue Buffalo, NY 14202 716-849-2222	WIVB-TV Channel 4 2077 Elmwood Avenue Buffalo, NY 14202 716-874-4410
WKBW-ABC Channel 7 7 Broadcast Plaza Buffalo, NY 14202 716-845-6100	WUTV-FOX (Channel 29) 699 Hertal Avenue, Suite 100 Buffalo, New York 14207	
Public Water Supplier		
Buffalo Water Authority 281 Exchange Street Buffalo, New York 14202		
Persons who have requested to be on the list		
None requested		
Administrator of School and Daycare Facilities near the Property		
Elmwood Village Charter School 655 Hertel Avenue Buffalo, NY 14207 Ms. Kathy Jamil - Principal		
No school within ¼ mile of the site		
Local Document Repositories		
North Park Library 975 Hertel Avenue Buffalo, NY 14216 716-875-3748 Paul Guminski – Branch Manager	NYSDEC Region 9 Office 270 Michigan Avenue Buffalo, NY 14203 716-851-7220	

From: April Tompkins [mailto:tompkinsa@buffalolib.org]
To: gbittner@hazardevaluations.com
Subject: FW: Repository Request

Good afternoon Greg,

This is to inform you and confirm that the Buffalo and Erie County Public Library will be the repository for the Brownfield Clean Program document(s) and will be made available for public review. ***Also, this serves as permission to submit future document and updates.***

Please keep the following in mind:

- Documents (including updates) for public review should be sent or brought in person to the Central Library to the attention of Carol Batt, of whom I assist. Documents sent via e-mail will not be accepted. The mailing address is:

  Attention: Carol Ann Batt
  Chief Operating Officer
  Buffalo and Erie County Public Library
  1 Lafayette Square
  Buffalo, NY 14203

- Documents for the Central/Downtown library are made available on the first floor in the Information Services Department within a day or so after receipt. If received Friday afternoon, they go out the following Monday.

- If you would like the document(s) distributed at libraries other than Central, you will need to send the appropriate quantity of copies with labels regarding their destinations. We will distribution accordingly. We do not make copies for distribution.

- It's your choice regarding the format (hard copy and / or disk) you wish to submit. If the document is very large, part in hard copy and part on disk is acceptable. If submitting in both formats, please be sure that they are titled/labeled accordingly. Although CD-ROMs cannot be used on public library computers, if someone brings in their personal laptop, the disc can be viewed in house. If optional, an alternative is the availability to go online using a provided link for patrons to read/review/print.

If you still have any questions/concerns, please feel free to contact me by replying to this e-mail or by phone at 716-858-7129. Thank you.

Regards,
April Tompkins, Sr. Library Clerk
Office of Chief Operating Officer & Information Technology
Buffalo and Erie County Public Library
1 Lafayette Square | Buffalo, NY 14203
Voice: 716-858-7129 | Fax: 716-858-6211
E-mail: tompkinsa@buffalolib.org

Section X

Land Use Factors

2. Current Use – The site building has been vacant for over 20 years. Specific historical areas of usage and possible contaminant source areas are not known.

3. Reasonably Anticipated Use Post Remediation – The Site will be developed as a business incubator to be done in cooperation with Start Up New York. The Start Up New York Program is geared toward expanding the employment base of New York. Many of the companies anticipated to occupy the space will be software development companies which are looking for eclectic space. Additionally, a new building will be constructed on the western portion of the site to be utilized as a brewery with canning operations in existing building. Due to the proposed future usage, restricted residential usage will be cleanup goal/criteria.

4. Recent Development – The Requestor and subsidiary companies have invested $30,000,000 into the Black Rock neighborhood over the past 4 years. The proposed use is consistent with recent development in the area. The Site is currently zoned D-IL (Light Industrial) which permits a variety of retail, light industrial and professional uses. The proposed Project has been approved as to use and design by the City of Buffalo