BROWNFIELDS CLEANUP PROGRAM APPLICATION

Pierce Arrow Business Center
155-157 Chandler
Buffalo, New York 14207
BCP # TBD

December 8, 2016

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:
R & M Leasing LLC and Signature Development LLC
391 Washington Street, Buffalo, New York 14203
HEI Project No: e1601

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

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

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 5***

Section I. Requestor Information - See Instructions for Further Guidance

DEC USE ONLY
BCP SITE #:

NAME R & M Leasing LLC and Signature Development WNY LLC

ADDRESS 391 Washington Street

CITY/TOWN Buffalo ZIP CODE 14203

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.

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.

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		Trichloroethene	
Other VOCs			
SVOCs	PAHs	PAHs	
Metals	Cadmium, Chromium, Lead, Mercury		
Pesticides			
PCBs	Trace Aroclor 1260		
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**

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?* (*answering No will result in an incomplete application) ☑ **Yes** ☐ **No**

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 Pierce Arrow Business Center

ADDRESS/LOCATION 155-157 Chandler Street

CITY/TOWN Buffalo ZIP CODE 14207

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

COUNTY Erie SITE SIZE (ACRES) 2.37

LATITUDE (degrees/minutes/seconds)	LONGITUDE (degrees/minutes/seconds)
42 ° 56 ‘ 34.28 “	78 ° 53 ‘ 7.46 “

COMPLETE TAX MAP INFORMATION FOR ALL TAX PARCELS INCLUDED WITHIN THE PROPERTY BOUNDARIES. ATTACH REQUIRED MAPS PER THE APPLICATION INSTRUCTIONS.

Parcel Address	Section No.	Block No.	Lot No.	Acreage
155 Chandler, Buffalo, NY	77.84	1	4	1.98
157 Chandler, Buffalo, NY	77.84	1	5	0.39

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)?
   (See DEC's website for more information) Yes ☑ No ☐

   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

If this 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, using the BCP Amendment Application, except 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 142033
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 Mark A. Romanowski - Hopkins, Sorgi & Romanowski PLLC		
ADDRESS 26 Mississippi Street, Suite 400		
CITY/TOWN Buffalo		ZIP CODE 14203
PHONE 716-714-5699	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 Ontario Equipment Co. Inc.		OWNERSHIP START DATE: 07/15/2005
ADDRESS 155 Chandler Street		
CITY/TOWN Buffalo		ZIP CODE 14207
PHONE 716-583-3555	FAX	E-MAIL
CURRENT OPERATOR'S NAME Ontario Equipment Co. Inc.		
ADDRESS 155 Chandler Street		
CITY/TOWN Buffalo		ZIP CODE 14207
PHONE 716-583-3555	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.
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? ☑ 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.

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.

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.**

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 proposed usage and development plan for the building has been approved by the City of Buffalo Planning Board.	☑ 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 proposed usage and development plan for the building has been approved by the City of Buffalo Planning Board.	☑ Yes ☐ No

XI. Statement of Certification and Signatures

(By requestor who is an individual)

If this application is approved, I acknowledge and agree to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter. 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 Owner (title) of R & M Leasing LLC and Signature Development WNY 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 to execute a BCA within 60 days of the date of DEC's approval letter. 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: 11-10-16 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 5

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 July 1, 2015: (Please note: Eligibility determination for the underutilized category can only be made at the time of application)

(l) "Underutilized" means, as of the date of application, real property:

(1) on which a building or buildings, can be certified by the municipality in which the site is located, to have for at least five years used no more than fifty percent of the permissible floor area under the applicable base zoning immediately prior to the application which has been in effect for at least five years;

(2) at which the proposed development is solely for a use other than residential or restricted residential;

(3) which could not be developed without substantial government assistance, as certified by the municipality in which the site is located; and

(4) which is subject to one or more of the following conditions, as certified by the municipal department responsible for such determinations of the municipality in which the site is located:

(i) property tax payments have been in arrears for at least five years immediately prior to the application;

(ii) contains a building that is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or

(iii) the proposed use is in whole or in substantial part for industrial uses.

"Substantial government assistance" shall mean a substantial loan, grant, land purchase subsidy, or land purchase cost exemption or waiver, from a governmental entity; or for properties to be developed in whole or in part for industrial uses, a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or a tax credit, from a governmental entity, or a low-cost loan from an industrial fund managed by the municipality and partner financial institutions.

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

3. Is the project an affordable housing project as defined below? ☐ Yes ☐ No

From 6 NYCRR 375- 3.2(a) as of July 1, 2015:

(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, that 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, that sets affordable units aside for tenants 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: Pierce Arrow Business Center **Site Address:** 155-157 Chandler Street
City: Buffalo **County:** Erie **Zip:** 14207

Tax Block & Lot
Section (if applicable): 77.84 **Block:** 1 **Lot:** 4

Requestor Name: R & M Leasing LLC and Signature Development WNY LLC **Requestor Address:** 391 Washington Street
City: Buffalo **Zip:** 14203 **Email:** rtermini@wnylofts.com

Requestor's Representative (for billing purposes)
Name: Rocco Termini **Address:** 391 Washington Street
City: Buffalo **Zip:** 142033 **Email:** rtermini@wnylofts.com

Requestor's Attorney
Name: Mark A. Romanowski - Hopkins, Sorgi & Romanowski PLLC **Address:** 26 Mississippi Street, Suite 400
City: Buffalo **Zip:** 14203 **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 of site within an En-Zone: ☐ **0%** ☐ **<50%** ☐ **50-99%** ☑ **100%**

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

Section I

Requestor Information

R & M Leasing LLC – Business Entity Information

Signature Development WNY LLC

R&M Leasing is owned by sole member Rocco Termini with business address at 391 Washington Street, Buffalo, New York 14203.

Signature Development is owned by sole member Rocco Termini 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 October 11, 2016.

Selected Entity Name: R & M LEASING LLC
Selected Entity Status Information

Current Entity Name:	R & M LEASING LLC
DOS ID #:	5000831
Initial DOS Filing Date:	AUGUST 30, 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)

THE LIMITED LIABILITY COMPANY
391 WASHINGTON ST., STE. 800
BUFFALO, NEW YORK, 14203-2108

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
AUG 30, 2016	Actual	R & M LEASING 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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NYS Department of State

Division of Corporations

Entity Information

The information contained in this database is current through November 2, 2016.

Selected Entity Name: SIGNATURE DEVELOPMENT WNY LLC

Selected Entity Status Information

Current Entity Name:	SIGNATURE DEVELOPMENT WNY LLC
DOS ID #:	3375363
Initial DOS Filing Date:	JUNE 13, 2006
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)

SIGNATURE DEVELOPMENT WNY LLC
489 ELLICOTT STREET
BUFFALO, NEW YORK, 14203

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
JUN 13, 2006	Actual	SIGNATURE DEVELOPMENT WNY 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. Much of the building is vacant and in disrepair. A fire occurred in a portion of the building, ruining the room which has not been repaired. The proposed usage and development of the site includes reuse of the existing early 1900s industrial building. The 85,000 square foot building will be developed as a business incubator to be done in cooperation with Buffalo State Collage and Start Up New York.

The site will be a business incubator for companies that qualify for Start Up New York program. Parking will include space for 50 cars on the east site (current vacant overgrown lot). The estimated development cost is $13,000,000 and having over 100 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. The building, along with the courtyard, will provide the kind of space that is necessary to attract software developers. The courtyard will contain volleyball, bocce, and an in-ground swimming pool. Additionally, a growing industry in NY is wineries and breweries, which both will be located in the building. Buffalo State will be starting a wine and brewery program as part of their hospitality program. It will be important to provide a food-grade environment.

The project is fast-tracked. Remedial investigation expected to start in November/December 2016 with IRM activities in January/February 2017. Develop will occur simultaneously with remedial requirements, with first tenant anticipated in June 2017. The Certificate of Completion is anticipated by December 2017.


LINDE


LINDE

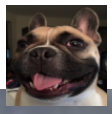

LINDE


LINDE

BUFFALO RISING

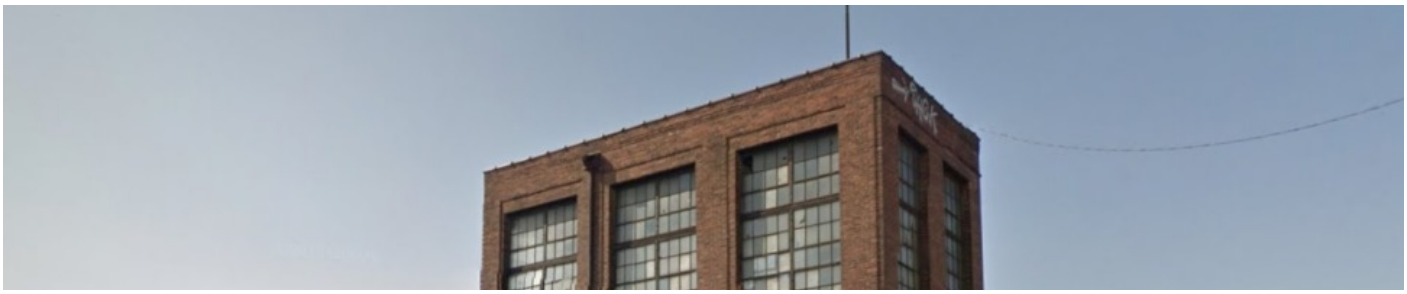
NORTH BUFFALO | PRESERVATION | REAL ESTATE

Termini Planning New Black Rock Project



by WCPerspective September 21, 2016, 6:56 pm 0

Rocco Termini is proposing another project in Black Rock, this one emphasizing commercial space. The former Linde Air Manufacturing complex at 155 Chandler Street would contain 80,000 sq.ft. of commercial space and potentially ten apartments.



The Buffalo News has the scoop:

The $8 million project, named the Chandler Incubator, will reuse a century-old manufacturing and processing building to encourage new business growth in an up-and-coming area of Buffalo.

Documents filed with the Buffalo Planning Board call for renovating the 90,000-square-foot brick building into an 80,000-square-foot complex, with 10 apartments and the commercial space. An adjacent paved parcel at 157 Chandler, with grass growing in it, will be turned into parking for the new project.

However, Termini said in an interview that he will likely abandon the apartments if he gets into Start-Up NY, because the program does not permit residential living space. If so, the entire building would be commercial space.

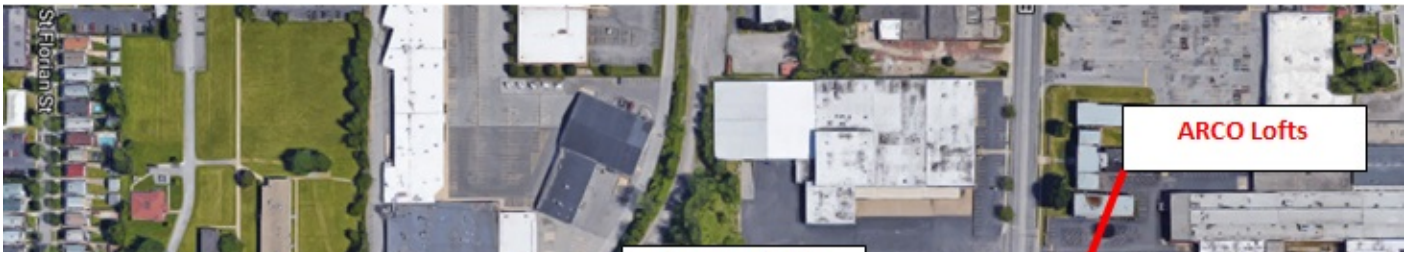
Termini has commitments for a brewery and winery to occupy 30,000 sq.ft. of space and software development firm Utilant, a current tenant at his Foundry Lofts project, will take 25,000 sq.ft.

The eastern portion of the complex has 40' ceilings

Termini's development efforts have been focused along Elmwood Avenue north of Buffalo State College in recent years. The Foundry Lofts project, a former FWS Furniture location, was converted into 46 market rate apartments and commercial space.

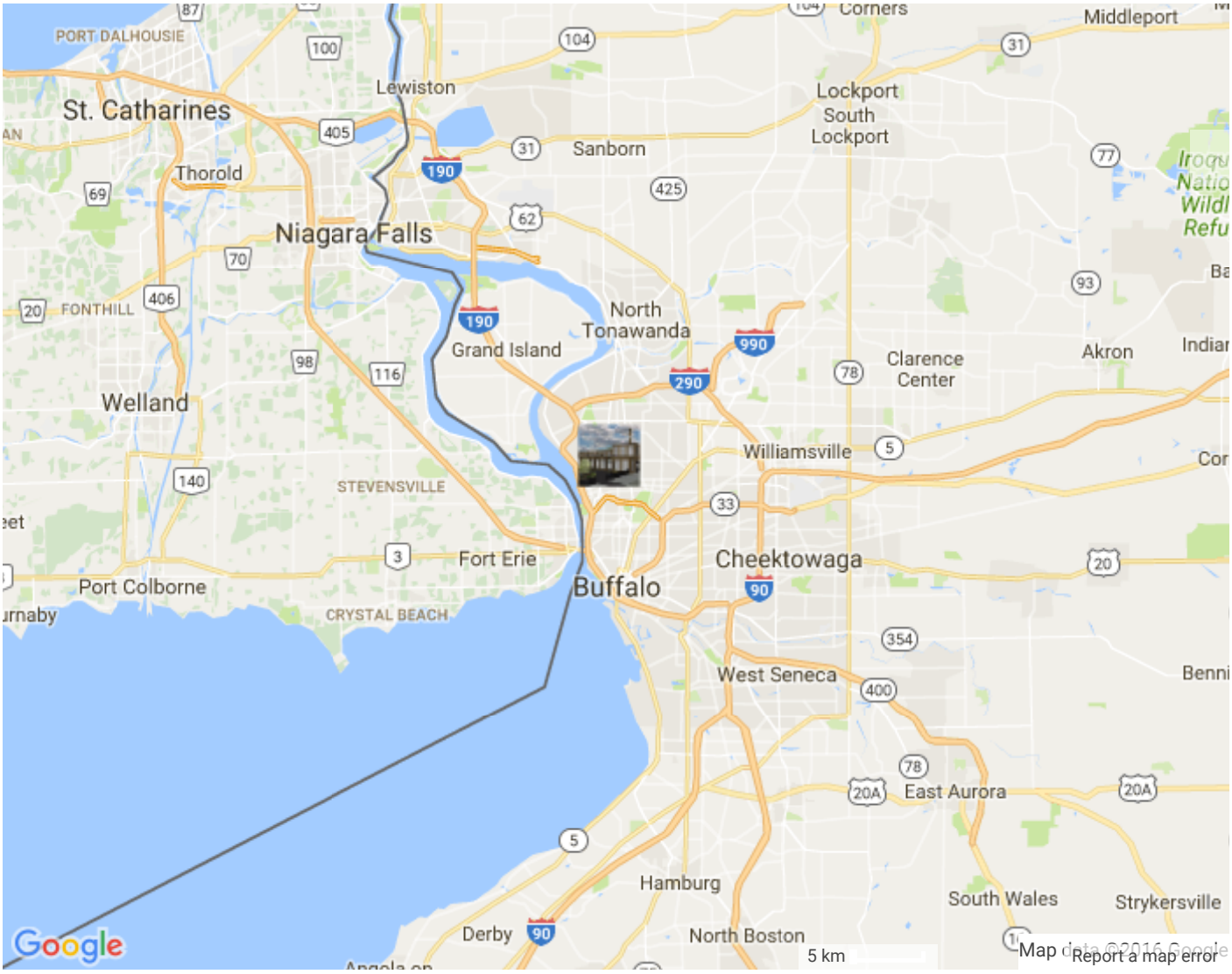
On nearby Grote Street, the former Houk Wire Wheel Company facility was converted into 22 one and two-bedroom apartments and 3,000 sq.ft. of commercial space. Thirty-eight apartments were created in the former American Radiator Company building at 1807 Elmwood Avenue.

Others also see the area as ripe for investment. Read Property Group, the new owner of the Pierce Arrow Building at 1695 Elmwood, recently announced a $30 million redevelopment plan to create 107 apartments. In February, an LLC purchased the four-story, 43,200 sq.ft. building 166 Chandler Street across from the new Termini project for $250,000. The unknown buyer's plans for the property have not been released.



The Buffalo Planning Board will get its first look at the project at 4 PM Monday, Room 901 in City Hall. BMS Design Studio is project architect, L2K will be doing the interior design, and Schenne & Associates will be handling civil and structural. Dean Gowan, who designed the courtyard in the Foundry complex, will be designing the courtyard space.

Get Connected: *Signature Development, 716.842.1938*



Tagged with: 155 Chandler Street Chandler Incubator

1877 **Written by WCPerspective**

Buffalo and development junkie currently exiled in California.

21 comments

Sign in

9 people listening

A Vision To Transform Black Rock Harbor

BUFFALO, N.Y. - At first glance, the building at 155 Chandler Street in Black Rock looks like a lost cause.

Graffiti covers the exterior. The roof has partly collapsed, windows have shattered, and much of the structure remains charred from a fire that tore through the structure more than a decade ago. This place was once an impressive manufacturing facility at the turn of the 20th century, but those days have long since passed.

Rocco Termini, a prominent Western New York developer with Signature Development, is probably one of the first people to have even stepped inside 155 Chandler since the fire in the mid-2000s.

"Most people that walk in here," Termini said, "think I'm crazy."

Developer Rocco Termini is planning a $13 million renovation for this old factory.

Undaunted by the building's poor condition, Termini received approval last week from the Buffalo Planning Board to move forward with a $13 million renovation, which will transform this old factory building into a high-tech startup hub. When the facility opens in June 2017, Termini will rent the property to multiple 21st-century technology companies, including Utilant, which develops software for major insurance companies throughout the world.

The remodeling project will reflect its tenants by including a courtyard with a swimming pool and volleyball courts.

"This building will be specifically designed for people in the software industry," Termini said. "They're used to 'Google-ilzed' space, they're used to the West Coast, where they have all these amenities."

On adjacent properties, Termini plans to add a brewery and possibly apartments, as well as parking spaces.

A rendering of the finished project at 155 Chandler Street.

"I think this is really going to be a catalyst for developing this whole area into a business incubator street," Termini said, noting that Chandler Street is in close proximity to Elmwood Avenue, Wegmans and Buffalo State College. "People don't even know this block exists. People who have lived in Buffalo -- people who live four blocks away -- don't even know this street exists!"

The 155 Chandler Street building originally opened in 1902 as a facility for Linde Air, which manufactured industrial gasses (Linde was eventually bought by Praxair). The name "Linde" is still printed on the chimney, a visible reminder of the past. On the front of the building, the words "Inkwell Printing" and "G & R Machinery & Equipment Company" still hang from signs, too, even though those companies moved out years ago.

Although the building has a rich past, it's time to enter the next generation.

"We're going to be going from manufacturing industrial gasses," Termini said, "to manufacturing intellectual property."

Kevin Boyle has lived around the corner in Black Rock for eight years, and he's never seen any movement at 155 Chandler-- or most of the other structures on the street, for that matter. The project could bring some life to his neighborhood, he said.

"There's a lot of open area here and a lot of great buildings," Boyle said. "I don't know why they're not utilized."

However, a few small businesses have moved to Chandler recently, and the street appears poised to build on the development of Amherst Street, Black Rock and North Buffalo. This week, the Western Scajaquada Coalition will unveil a $150 million plan for the redevelopment of Black Rock Harbor, which spans the area roughly from Forest Avenue to Amherst Street along Tonawanda Street.

"Bringing new businesses to this area has been fantastic," Boyle said, "and with Amherst Street being developed, this seems like a logical choice."

Termini said he's applied to add 155 Chandler Street building to the National Register of Historic Places. As a part of his renovation project, he will also push for inclusion in the state's START-UP NY program.

Construction will begin in December. Within six months, the transformation will be complete, and people like Kevin Boyle will no longer have to walk by an empty building on their way home in Black Rock.

Section III

Property's Environmental History

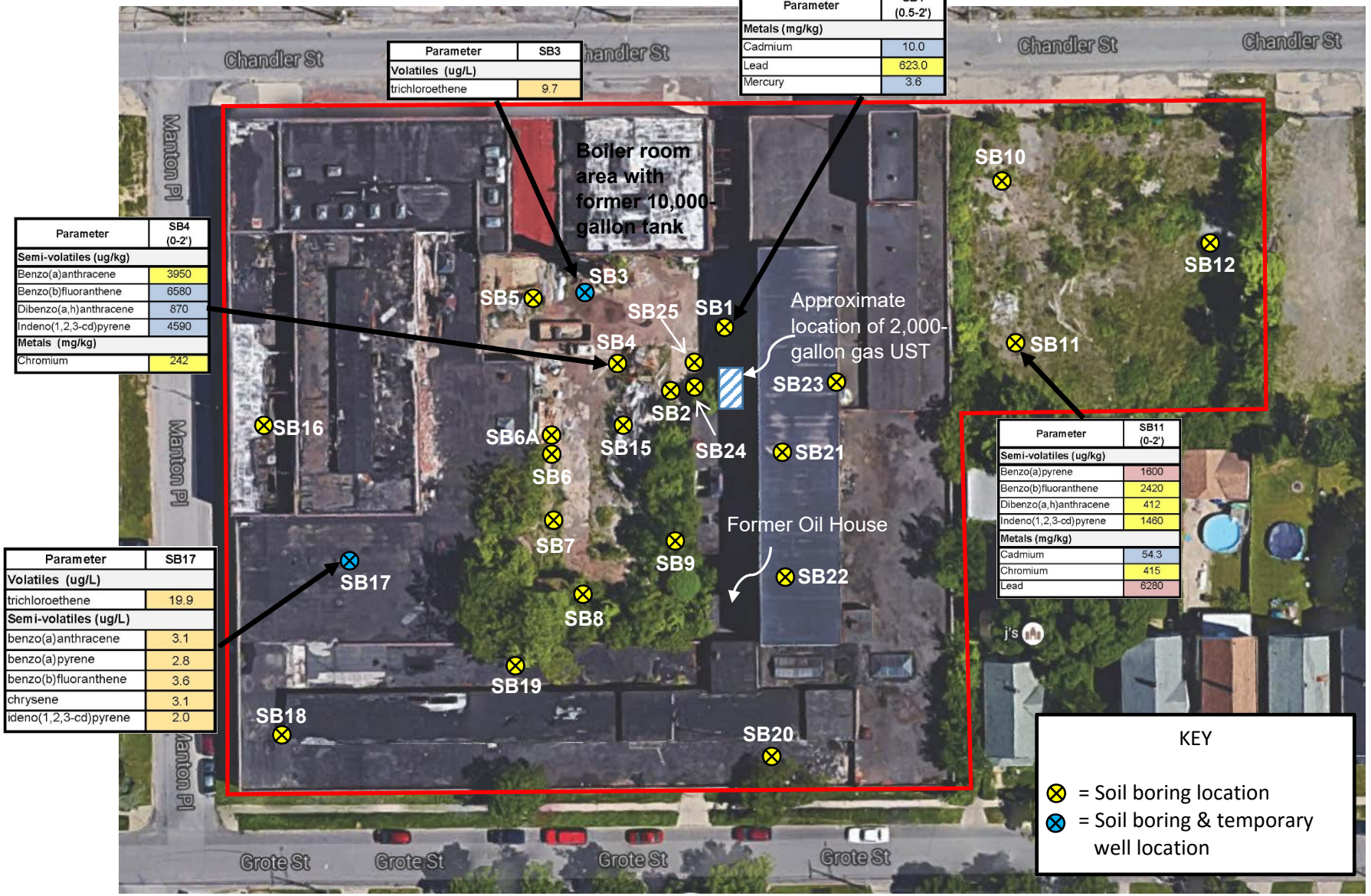
Figure III-A – Sampling Locations

Table III-A – Soil Analytical Testing Results

Table III-B – Groundwater Analytical Testing Results

Soil Boring Logs

Analytical Testing Results



Parameter	SB3
Volatiles (ug/L)	
trichloroethene	9.7

Parameter	SB1 (0.5-2')
Metals (mg/kg)	
Cadmium	10.0
Lead	623.0
Mercury	3.6

Parameter	SB4 (0-2')
Semi-volatiles (ug/kg)	
Benzo(a)anthracene	3950
Benzo(b)fluoranthene	6580
Dibenzo(a,h)anthracene	870
Indeno(1,2,3-cd)pyrene	4590
Metals (mg/kg)	
Chromium	242

Parameter	SB11 (0-2')
Semi-volatiles (ug/kg)	
Benzo(a)pyrene	1600
Benzo(b)fluoranthene	2420
Dibenzo(a,h)anthracene	412
Indeno(1,2,3-cd)pyrene	1460
Metals (mg/kg)	
Cadmium	54.3
Chromium	415
Lead	6280

Parameter	SB17
Volatiles (ug/L)	
trichloroethene	19.9
Semi-volatiles (ug/L)	
benzo(a)anthracene	3.1
benzo(a)pyrene	2.8
benzo(b)fluoranthene	3.6
chrysene	3.1
ideno(1,2,3-cd)pyrene	2.0

Notes:

1 – All samples collected on September 1 to 2, 2016

2 – Detected concentrations for VOCs and SVOCs in ppb; metals in ppm

3 - Proposed Cleanup Standards = Restricted Residential

= exceeds Restricted Residential SCO

= exceeds Commercial SCO

= exceeds Industrial SCO

= exceeds Groundwater Criteria

3,9HAZARD EVALUATIONS, INC.

Phase I/II Audits – Site Investigations – Facility Inspections

SAMPLING LOCATIONS

155 and 157 CHANDLER STREET

BUFFALO, NEW YORK

R & M LEASING LLC

BUFFALO, NEW YORK

DRAWN BY: LSH	SCALE: NOT TO SCALE	PROJECT: e1601
CHECKED BY: EB	DATE: 10/16	FIGURE NO: III-A

Table III-A
Soil Analytical Testing Results Summary
155 and 157 Chandler Street
Buffalo, New York
September 2016

Parameter	SB1 (0.5-2')	SB2 (2-4')	SB4 (0-2')	SB7 (0-3')	SB11 (0-2')	SB15 (0-2')	SB19 (0.5-3')	Unrestricted Use	Restricted Residential Use	Commercial Use	Industrial Use
GC/MS Volatiles 8260C Analysis (ug/kg)											
acetone	ND	34.7	ND	23	ND	NT	28.5	50	100000	500000	1000000
2-butanone	ND	185	82.1	ND	64	NT	ND	120	100000	500000	1000000
sec-butylbenzene	ND	3.1	ND	ND	ND	NT	ND	11000	100000	500000	1000000
cis-1,2-dichloroethene	ND	ND	ND	56.9	ND	NT	2.5	250	100000	500000	1000000
methylene chloride	35.7	4.2	39	9.1	28	NT	6.1	50	100000	500000	1000000
naphthalene	ND	2.4	ND	ND	2.3	NT	ND	12000	100000	500000	1000000
tetrachloroethene	ND	ND	ND	27	ND	NT	ND	1300	19000	150000	300000
trichloroethene	ND	ND	ND	33.8	ND	NT	ND	470	21000	200000	400000
GC/MS Semi-volatiles 8270D Analysis (ug/kg)											
Acenaphthene	ND	NT	324	ND	64.4	NT	ND	20000	100000	500000	1000000
Anthracene	ND	NT	1070	ND	176	NT	ND	100000	100000	500000	1000000
Benzo(a)anthracene	42	NT	3950	147	645	NT	118	1000	1000	5600	11000
Benzo(a)pyrene	160	NT	ND	175	1600	NT	112	1000	1000	1000	1100
Benzo(b)fluoranthene	265	NT	6580	239	2420	NT	155	1000	1000	5600	11000
Benzo(g,h,i)perylene	189	NT	4000	142	1440	NT	235	100000	100000	500000	1000000
Benzo(k)fluoranthene	84.4	NT	2560	74.8	588	NT	58.9	800	3900	56000	110000
Chrysene	135	NT	3850	159	594	NT	134	1000	3900	56000	110000
Dibenzo(a,h)anthracene	ND	NT	870	ND	412	NT	ND	330	330	560	1100
Fluoranthene	286	NT	8000	293	918	NT	181	100000	100000	500000	1000000
Fluorene	ND	NT	45	ND	89.9	NT	ND	30000	100000	500000	1000000
Indeno(1,2,3-cd)pyrene	161	NT	4590	153	1460	NT	171	500	500	5600	11000
Phenanthrene	143	NT	3700	215	627	NT	143	100000	100000	500000	1000000
Pyrene	303	NT	7330	250	1100	NT	160	100000	100000	500000	1000000
Metals Analysis (mg/kg)											
Arsenic	ND	NT	4.0	ND	ND	NT	6.1	13	16	16	16
Barium	95.1	NT	191	113	5870	NT	97.8	350	400	400	10000
Cadmium	10.0	NT	0.93	ND	54.3	NT	ND	2.5	4.3	9.3	60
Chromium	35.9	NT	242	19.5	415	NT	7.6	30	180	1500	6800
Lead	623.0	NT	84.1	16.6	6280	NT	74.9	63	400	1000	3900
Mercury	3.6	NT	0.32	1.1	0.69	NT	0.24	0.18	0.81	2.8	5.7
Silver	1.9	NT	ND	ND	ND	NT	ND	2	180	1500	6800
PCBs Analysis (mg/kg)											
Aroclor 1248	ND	NT	ND	ND	14.6	ND	NT	100	1000	1000	25000
Aroclor 1254	ND	NT	11.0	9.7	8.7	5.6	NT	100	1000	1000	25000
Aroclor 1260	171	NT	9.8	3.5	6.3	4.4	NT	100	1000	1000	25000
Total PCBs	171	NT	20.8	13.5	29.6	9.9	NT	100	1000	1000	25000

Notes:

1. Analytical testing performed by ALS Laboratories. Compounds detected in one or more samples are pesented 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. B = Indicates analyte found in associated method blank
5. 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
6. Shading indicates:
   - exceeds UUSCO
   - exceeds RRUSCO
   - exceeds CUSCO
   - exceeds IUSCO

Table III-B
Groundwater Analytical Testing Results Summary
155 and 157 Chandler Street
Buffalo, New York
September 2016

Parameter	SB3	SB17	Class GA Criteria (ug/L)
GC/MS Volatiles (8260C) (ug/L)			
cis-1,2-Dichloroethene	3.4	3.6	5
trans-1,2-Dichloroethene	1.0	3.6	5
tetrachloroethene	1.8	2.1	5
trichloroethene	9.7	19.9	5
vinyl chloride	2	ND	5
GC/MS Semi-volatiles (8270D) (ug/L)			
benzo(a)anthracene	NT	3.1	0.002
benzo(a)pyrene	NT	2.8	ND
benzo(b)fluoranthene	NT	3.6	0.002
benzo(g,h,i)perylene	NT	1.9	NV
chrysene	NT	3.1	0.002
fluoranthene	NT	6.5	50
ideno(1,2,3-cd)pyrene	NT	2.0	0.002
phenanthrene	NT	3.6	50

Notes:

1. Analytical testing performed by ALS Laboratories. 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; mg/L = parts per million.

3. NT = not tested.

4. NV= no value.

5. ND = not detected above method detection limits.

6. Analytical results compared to 6NYCRR 703 and 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.

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

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

Boring No: SB1

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/1/2016	End Date	9/1/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
				Asphalt	
1	1	.5-4	40	Brown f/c Sand, some Brick, tr. Gravel, yellow/white staining, moist. (FILL)	0
2					0
3				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
4	2	4-8	48		0
5					0
6					0
7					0
8					0
9				Bottom of Boring 8' bgs	
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: SB2

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/1/2016	End Date	9/1/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	1-4	48	Red/Brown Clay & Silt, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
2				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist, odor.	1.0
3					12
4	2	4-8	48		10
5					1.0
6					0.5
7					0
8				Bottom of Boring 8' 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: SB3

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/1/2016	End Date	9/1/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	5.0			Drilling Contractor	TREC
GW Depth at Completion	4.0			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
				Brick	
1	1	.5-4	48	Brown f/c Sand, some Gravel, little Brick, moist. (FILL)	0.5
2					0.3
				Grades to… little Cinders	
3					0.6
				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	
4	2	4-8	24		0
				Grades to… wet	
5					0
6					0
7				Grades to… moist	0
8					0
				Bottom of Boring 8' bgs	
9				Temporary well installed to 4' bgs	
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	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/1/2016	End Date	9/1/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	40	Dk. Brown f/c Sand, some Silt, little Gravel, moist. (FILL)	0
1					0
2				Grades to… some Slag, tr. Silt.	
				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
3					0
	2	4-8	40		
4					0
5					0
6					0
7					0
8				Bottom of Boring 8' 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	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/1/2016	End Date	9/1/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
				Brick	
1	1	.5-4	36	Brown f/c Sand, little Gravel, tr. Silt, tr. Slag, moist. (FILL)	0
2				Grades to… little Brick	0.5
3				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0.5
4	2	4-8	40		0
5					0
6					0
7					0
8					0
9				Bottom of Boring 8' bgs	
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: SB6

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/1/2016	End Date	9/1/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	20	Brown f/c Sand, tr. Slag, tr. Brick, tr. Gravel, moist. (FILL)	0
1				Grades to… and Slag.	0
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:	SB6A was completed 3' north of SB6. Refusal was encountered at 1' bg and no soil/fill was collected.
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	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/1/2016	End Date	9/1/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	40	Brown f/c Sand, little Gravel, little Slag, tr. Silt, moist. (FILL)	5.2
1				DK. Brown Clay & Silt, tr. f/c Sand, tr. Gravel, moist, odor.(FILL)	10
2					8.0
3				Red/Brown CLAY & SILT, tr. f/c Sand,m tr. Gravel, moist.	2.1
4	2	4-8	40		1.0
5					0.9
6					0.8
7					0.5
8				Bottom of Boring 8' 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	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/1/2016	End Date	9/1/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	40	Red/Brown Clay & Silt, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
1					0
2					0
3				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
4	2	4-8	36		0
5					0
6					0
7					0
8				Bottom of Boring 8' 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: SB9

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/1/2016	End Date	9/1/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	0		
4	2	4-8	40	Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
5					0
6					0
7					0
8				Bottom of Boring 8' 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: SB10

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	48	Dk. Brown f/c Sand, some Slag, little Gravel, moist. (FILL)	0
1				Dk. Brown Clay & Silt, tr. f/c Sand, tr. Slag, tr. Gravel, moist. (FILL)	0
2					0
3				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
4	2	4-8	48		0
5					0
6					0
7					0
8	3	8-12	48		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: SB11

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	36	Brown f/c Sand, little Slag, tr. Gravel, moist, odor. (FILL)	10
1				Grades to… tr. Slag	4.8
2					1.0
3				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
4	2	4-8	48		0
5					0
6					0
7					0
8				Bottom of Boring 8' 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	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	40	Dk. Brown f/c Sand, some Silt, tr. Gravel, tr. Slag, moist. (FILL)	0
1					0
2				Dk. Brown Clay & Silt, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
3				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
4	2	4-8	48		0
5					0
6					0
7					0
8				Bottom of Boring 8' 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: SB15

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	40	Dk. Brown f/c Sand, little Concrete, little Gravel, tr. Slag, moist. (FILL)	0
1				Dk. Brown Clay & Silt, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
2					0
3				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
4				Bottom of Boring 4' bgs	
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: SB16

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	.5-4	12	Red/Brown Clay & Silt, tr. f/c Sand, tr. Gravel, tr. Slag, moist. (FILL)	0
2					0
3					0
4	2	4-8	48		0
5				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
6					0
7					0
8					0
9				Bottom of Boring 8' bgs	
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: SB17

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	4.5			Drilling Contractor	TREC
GW Depth at Completion	4.0			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
				Concrete	
1	1	.5-4	36	Brown f/c Sand, some Slag, little Gravel, tr. Brick, moist. (FILL)	0
2					0
				Red/Brown Clay & Silt, tr. f/c Sand, tr. Gravel, moist. (FILL)	
3					0
				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, wet.	
4	2	4-8	40		0
5				Grades to… saturated	0
6					0
				Grades to… wet	
7					0
				Grades to… moist	
8					0
9				Bottom of Boring 8' bgs Temporary well installed to 7' bgs	
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: SB18

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	.5-4	36	Dk Brown f/c Sand, some Slag, tr. Gravel, moist. (FILL)	0
2				Red/Brown Clay & Silt, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
3					0
				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	
4	2	4-8	40		0
5					0
6					0
7					0
8					0
				Bottom of Boring 8' 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: SB19

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	.5-4	24	Dk. Brown f/c Sand, some Slag, little Gravel, tr. Concrete, moist. (FILL)	0
2					0
3				Red/Brown Clay & Silt, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
4	2	4-8	48	Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
5					0
6					0
7					0
8					0
9				Bottom of Boring 8' bgs	
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: SB20

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	.5-4	36	Brown f/c Sand, tr. Silt, tr. Gravel, moist. (FILL)	0
2				Grades to… some Slag	0
3				Red/Brown Clay & Silt, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
4	2	4-8	48	Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist. (FILL)	0
5					0
6					0
7					0
8					0
9				Bottom of Boring 8' bgs	
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: SB21

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-1	0	Concrete	
1				Refusal at 1' 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: SB22

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-1	0	Concrete	
1				Refusal at 1' 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: SB23

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
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	.5-4	36	Red/Brown Clay & Silt, tr. f/c Sand, tr. Gravel, tr. Slag, moist. (FILL)	0
2					0
3					0
				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	
4	2	4-8	36		0
5					0
6					0
7					0
8					0
				Bottom of Boring 8' 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: SB24

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
				Brown f/c Sand, tr. Gravel, tr. Slag, moist. (FILL)	0
1	1	.5-4	40		
				Red/Brown Clay & Silt, tr. f/c Sand, tr. Gravel, tr. Slag, moist. (FILL)	0
2					0
3				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist.	0
4	2	4-8	48		0
5					0
6					0
7					0
8				Bottom of Boring 8' 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: SB25

Project Name & Location	155-166 Chandler Street Buffalo, NY Phase II ESA			HEI Representative:	E. Betzold
Project Number:	e1551				
Start Date	9/2/2016	End Date	9/2/2016	Type of Drill Rig	Track Mount Geoprobe
GW Depth While Drilling	NWWD			Drilling Contractor	TREC
GW Depth at Completion	NWAC			Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-1.5	12	Brown f/c Sand, little Silt, tr. Gravel, tr. Roots, moist. (FILL)	0
1					0
2				Refusal encountered at 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

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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

September 14, 2016

Mr. Eric Betzold
Hazard Evaluations Inc.
3752 N. Buffalo Rd.
Orchard Park, NY 14127

Certificate of Analysis

Project Name:	**e1534**	Workorder:	**2172758**
Purchase Order:	**e1551**	Workorder ID:	**e1534**

Dear Mr. Betzold:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, September 7, 2016.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Mr. Brad W Kintzer (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Ms. Michele Wittman

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Mr. Brad W Kintzer
Project Coordinator

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State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

SAMPLE SUMMARY

Workorder: 2172758 e1534

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2172758001	SB3	Ground Water	9/1/2016 10:45	9/7/2016 10:27	Collected by Client
2172758002	SB17	Ground Water	9/2/2016 12:00	9/7/2016 10:27	Collected by Client
2172758003	SB2 (2-4')	Solid	9/1/2016 10:00	9/7/2016 10:27	Collected by Client
2172758004	SB4 (0-2')	Solid	9/1/2016 10:45	9/7/2016 10:27	Collected by Client
2172758005	SB1 (.5-2')	Solid	9/1/2016 09:30	9/7/2016 10:27	Collected by Client
2172758006	SB7 (0-3')	Solid	9/1/2016 11:30	9/7/2016 10:27	Collected by Client
2172758007	SB11 (0-2')	Solid	9/2/2016 08:50	9/7/2016 10:27	Collected by Client
2172758008	SB15 (0-2')	Solid	9/2/2016 10:15	9/7/2016 10:27	Collected by Client
2172758009	SB19 (.5-3')	Solid	9/2/2016 12:30	9/7/2016 10:27	Collected by Client
2172758010	SB26 (0-3')	Solid	9/2/2016 14:50	9/7/2016 10:27	Collected by Client

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SAMPLE SUMMARY

Workorder: 2172758 e1534

Notes

-- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
-- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
-- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
-- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
-- The Chain of Custody document is included as part of this report.
-- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
-- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
-- Method references listed on this report beginning with the prefix “S” followed by a method number (such as S2310B-97) refer to methods from “Standard Methods for the Examination of Water and Wastewater”.
-- For microbiological analyses, the "Prepared" value is the date/time into the incurbator and the "Analyzed" value is the date/time out the incubator.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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PROJECT SUMMARY

Workorder: 2172758 e1534

Sample Comments

Lab ID: 2172758003 **Sample ID:** SB2 (2-4') **Sample Type:** SAMPLE

This sample was collected in a soil jar for the volatile analysis. The sample was received and prepared by Method 5035 after the 48-hour holding time.

Lab ID: 2172758004 **Sample ID:** SB4 (0-2') **Sample Type:** SAMPLE

This sample was analyzed at a dilution in the 8082 PCB analysis due to the level of Aroclor detected. Reporting limits were adjusted accordingly.
This sample was collected in a soil jar for the volatile analysis. The sample was received and prepared by Method 5035 after the 48-hour holding time.

Lab ID: 2172758005 **Sample ID:** SB1 (.5-2') **Sample Type:** SAMPLE

This sample was analyzed at a dilution in the 8082 PCB analysis due to the level of Aroclor detected. Reporting limits were adjusted accordingly. One or more of the surrogates could not be evaluated as a result of the dilution.
This sample was collected in a soil jar for the volatile analysis. The sample was received and prepared by Method 5035 after the 48-hour holding time.

Lab ID: 2172758006 **Sample ID:** SB7 (0-3') **Sample Type:** SAMPLE

This sample was analyzed at a dilution in the 8082 PCB analysis due to the level of Aroclor detected. Reporting limits were adjusted accordingly.
This sample was collected in a soil jar for the volatile analysis. The sample was received and prepared by Method 5035 after the 48-hour holding time.

Lab ID: 2172758007 **Sample ID:** SB11 (0-2') **Sample Type:** SAMPLE

This sample was analyzed at a dilution in the 8082 PCB analysis due to the level of Aroclor detected. Reporting limits were adjusted accordingly.
This sample was collected in a soil jar for the volatile analysis. The sample was received and prepared by Method 5035 after the 48-hour holding time.
One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

Lab ID: 2172758008 **Sample ID:** SB15 (0-2') **Sample Type:** SAMPLE

This sample was analyzed at a dilution in the 8082 PCB analysis due to the level of Aroclor detected. Reporting limits were adjusted accordingly.

Lab ID: 2172758009 **Sample ID:** SB19 (.5-3') **Sample Type:** SAMPLE

This sample was collected in a soil jar for the volatile analysis. The sample was received and prepared by Method 5035 after the 48-hour holding time.

Lab ID: 2172758010 **Sample ID:** SB26 (0-3') **Sample Type:** SAMPLE

This sample was collected in a soil jar for the volatile analysis. The sample was received and prepared by Method 5035 after the 48-hour holding time.
One or more of the method 8260 internal standards were recovered outside of the control limits. The sample was re-analyzed with similar results, indicating a significant matrix interference.

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758001** Date Collected: 9/1/2016 10:45 Matrix: Ground Water

Sample ID: **SB3** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260C			9/12/16 13:28	SYB	B
Benzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Bromochloromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Bromodichloromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Bromoform	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Bromomethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
2-Butanone	ND		ug/L	10.0	SW846 8260C			9/12/16 13:28	SYB	B
Carbon Disulfide	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Chlorobenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Chloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Chloroform	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Chloromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Cyclohexane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260C			9/12/16 13:28	SYB	B
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
cis-1,2-Dichloroethene	3.4		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
trans-1,2-Dichloroethene	1.0		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,4-Dioxane	ND		ug/L	320	SW846 8260C			9/12/16 13:28	SYB	B
Ethylbenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Freon 113	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
2-Hexanone	ND		ug/L	5.0	SW846 8260C			9/12/16 13:28	SYB	B
Isopropylbenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Methyl acetate	ND		ug/L	2.0	SW846 8260C			9/12/16 13:28	SYB	B
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B

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State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758001** Date Collected: 9/1/2016 10:45 Matrix: Ground Water

Sample ID: **SB3** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260C			9/12/16 13:28	SYB	B
Methylene Chloride	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Styrene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Tetrachloroethene	1.8		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Toluene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Total Xylenes	ND		ug/L	3.0	SW846 8260C			9/12/16 13:28	SYB	B
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260C			9/12/16 13:28	SYB	B
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260C			9/12/16 13:28	SYB	B
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Trichloroethene	9.7		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
Vinyl Chloride	2.0		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
o-Xylene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:28	SYB	B
mp-Xylene	ND		ug/L	2.0	SW846 8260C			9/12/16 13:28	SYB	B

Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	92.6		%	62 - 133	SW846 8260C			9/12/16 13:28	SYB	B
4-Bromofluorobenzene (S)	93.8		%	79 - 114	SW846 8260C			9/12/16 13:28	SYB	B
Dibromofluoromethane (S)	85.5		%	78 - 116	SW846 8260C			9/12/16 13:28	SYB	B
Toluene-d8 (S)	95.6		%	76 - 127	SW846 8260C			9/12/16 13:28	SYB	B

Mr. Brad W Kintzer
Project Coordinator

ALS Environmental

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758002** Date Collected: 9/2/2016 12:00 Matrix: Ground Water

Sample ID: **SB17** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260C			9/12/16 13:11	SYB	A
Benzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Bromoform	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Bromomethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
2-Butanone	ND		ug/L	10.0	SW846 8260C			9/12/16 13:11	SYB	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Chloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Chloroform	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Chloromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Cyclohexane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260C			9/12/16 13:11	SYB	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
cis-1,2-Dichloroethene	3.6		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
trans-1,2-Dichloroethene	3.6		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,4-Dioxane	ND		ug/L	320	SW846 8260C			9/12/16 13:11	SYB	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Freon 113	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
2-Hexanone	ND		ug/L	5.0	SW846 8260C			9/12/16 13:11	SYB	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Methyl acetate	ND		ug/L	2.0	SW846 8260C			9/12/16 13:11	SYB	A
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A

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State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758002** Date Collected: 9/2/2016 12:00 Matrix: Ground Water

Sample ID: **SB17** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260C			9/12/16 13:11	SYB	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Styrene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Tetrachloroethene	2.1		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Toluene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Total Xylenes	ND		ug/L	3.0	SW846 8260C			9/12/16 13:11	SYB	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260C			9/12/16 13:11	SYB	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260C			9/12/16 13:11	SYB	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Trichloroethene	19.9		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
o-Xylene	ND		ug/L	1.0	SW846 8260C			9/12/16 13:11	SYB	A
mp-Xylene	ND		ug/L	2.0	SW846 8260C			9/12/16 13:11	SYB	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	92		%	62 - 133	SW846 8260C			9/12/16 13:11	SYB	A
4-Bromofluorobenzene (S)	95.1		%	79 - 114	SW846 8260C			9/12/16 13:11	SYB	A
Dibromofluoromethane (S)	84.5		%	78 - 116	SW846 8260C			9/12/16 13:11	SYB	A
Toluene-d8 (S)	95.7		%	76 - 127	SW846 8260C			9/12/16 13:11	SYB	A
SEMIVOLATILES										
Acenaphthene	ND		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Acenaphthylene	ND		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Anthracene	ND		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Benzo(a)anthracene	3.1		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Benzo(a)pyrene	2.8		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Benzo(b)fluoranthene	3.6		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Benzo(g,h,i)perylene	1.9		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Benzo(k)fluoranthene	ND		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Chrysene	3.1		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Dibenzo(a,h)anthracene	ND		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Fluoranthene	6.5		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Fluorene	ND		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Indeno(1,2,3-cd)pyrene	2.0		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Phenanthrene	3.6		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758002** Date Collected: 9/2/2016 12:00 Matrix: Ground Water

Sample ID: **SB17** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
Pyrene	6.3		ug/L	1.5	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2-Fluorobiphenyl (S)	78.1		%	52 - 118	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Nitrobenzene-d5 (S)	83.7		%	27 - 139	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Phenol-d5 (S)	40.1		%	10 - 81	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B
Terphenyl-d14 (S)	76.9		%	46 - 133	SW846 8270D	9/8/16 12:10	JSR	9/9/16 19:56	CGS	B

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758003** Date Collected: 9/1/2016 10:00 Matrix: Solid

Sample ID: **SB2 (2-4')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
VOLATILE ORGANICS										
Acetone	34.7	3,4	ug/kg	10.6	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Benzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Bromochloromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Bromodichloromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Bromoform	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Bromomethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
2-Butanone	185		ug/kg	10.6	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
n-Butylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
tert-Butylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
sec-Butylbenzene	3.1		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Carbon Disulfide	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Carbon Tetrachloride	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Chlorobenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Chlorodibromomethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Chloroethane	ND		ug/kg	5.3	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Chloroform	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Chloromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Cyclohexane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,2-Dibromoethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,2-Dichlorobenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,3-Dichlorobenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,4-Dichlorobenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Dichlorodifluoromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,1-Dichloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,2-Dichloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,1-Dichloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,2-Dichloropropane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,4-Dioxane	ND		ug/kg	79.8	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Ethylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Freon 113	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
2-Hexanone	ND		ug/kg	10.6	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758003** Date Collected: 9/1/2016 10:00 Matrix: Solid

Sample ID: **SB2 (2-4')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Isopropylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
p-Isopropyltoluene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Methyl acetate	ND	1,2	ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Methyl cyclohexane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Methyl t-Butyl Ether	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	10.6	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Methylene Chloride	4.2		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Naphthalene	2.4		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
n-Propylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Styrene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Tetrachloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Toluene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Total Xylenes	ND		ug/kg	6.4	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,1,1-Trichloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,1,2-Trichloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Trichloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Trichlorofluoromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Vinyl Chloride	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
o-Xylene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
mp-Xylene	ND		ug/kg	4.3	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	89.9		%	56 - 124	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
4-Bromofluorobenzene (S)	87.3		%	51 - 128	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Dibromofluoromethane (S)	101		%	62 - 123	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
Toluene-d8 (S)	91.7		%	59 - 131	SW846 8260C	9/12/16 18:48	CJG	9/12/16 21:40	CJG	A2
WET CHEMISTRY										
Moisture	15.6		%	0.1	S2540G-11			9/8/16 09:36	VKB	
Total Solids	84.4		%	0.1	S2540G-11			9/8/16 09:36	VKB	

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID:	**2172758003**	Date Collected:	9/1/2016 10:00	Matrix:	Solid
Sample ID:	**SB2 (2-4')**	Date Received:	9/7/2016 10:27		

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758004** Date Collected: 9/1/2016 10:45 Matrix: Solid

Sample ID: **SB4 (0-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
VOLATILE ORGANICS										
Acetone	ND	1,2	ug/kg	10.3	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Benzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Bromochloromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Bromodichloromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Bromoform	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Bromomethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
2-Butanone	82.1		ug/kg	10.3	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
n-Butylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
tert-Butylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
sec-Butylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Carbon Disulfide	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Carbon Tetrachloride	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Chlorobenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Chlorodibromomethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Chloroethane	ND		ug/kg	5.2	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Chloroform	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Chloromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Cyclohexane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,2-Dibromoethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,2-Dichlorobenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,3-Dichlorobenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,4-Dichlorobenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Dichlorodifluoromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,1-Dichloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,2-Dichloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,1-Dichloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
cis-1,2-Dichloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,2-Dichloropropane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,4-Dioxane	ND		ug/kg	77.4	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Ethylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Freon 113	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
2-Hexanone	ND		ug/kg	10.3	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758004** Date Collected: 9/1/2016 10:45 Matrix: Solid

Sample ID: **SB4 (0-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Isopropylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
p-Isopropyltoluene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Methyl acetate	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Methyl cyclohexane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Methyl t-Butyl Ether	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	10.3	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Methylene Chloride	3.9		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Naphthalene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
n-Propylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Styrene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Tetrachloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Toluene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Total Xylenes	ND		ug/kg	6.2	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,1,1-Trichloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,1,2-Trichloroethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Trichloroethene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Trichlorofluoromethane	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Vinyl Chloride	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
o-Xylene	ND		ug/kg	2.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
mp-Xylene	ND		ug/kg	4.1	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	89.1		%	56 - 124	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
4-Bromofluorobenzene (S)	86.8		%	51 - 128	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Dibromofluoromethane (S)	101		%	62 - 123	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
Toluene-d8 (S)	95.3		%	59 - 131	SW846 8260C	9/12/16 18:52	CJG	9/12/16 22:03	CJG	A2
SEMIVOLATILES										
Acenaphthene	324		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Acenaphthylene	ND		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Anthracene	1070		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Benzo(a)anthracene	3950		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Benzo(a)pyrene	4840		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Benzo(b)fluoranthene	6580		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758004** Date Collected: 9/1/2016 10:45 Matrix: Solid

Sample ID: **SB4 (0-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	4000		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Benzo(k)fluoranthene	2560		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Chrysene	3850		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Dibenzo(a,h)anthracene	870		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Fluoranthene	8000		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Fluorene	345		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Indeno(1,2,3-cd)pyrene	4590		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Phenanthrene	3700		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Pyrene	7330		ug/kg	289	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	83.7		%	19 - 132	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
2-Fluorobiphenyl (S)	74.2		%	40 - 110	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
2-Fluorophenol (S)	65.6		%	26 - 116	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Nitrobenzene-d5 (S)	69		%	38 - 112	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Phenol-d5 (S)	65.6		%	35 - 111	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
Terphenyl-d14 (S)	89.2		%	45 - 126	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:34	CGS	B
PCBs										
Total Polychlorinated Biphenyl	20.8		mg/kg	0.75	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
Aroclor-1016	ND		mg/kg	0.75	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
Aroclor-1221	ND		mg/kg	0.75	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
Aroclor-1232	ND		mg/kg	0.75	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
Aroclor-1242	ND		mg/kg	0.75	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
Aroclor-1248	ND		mg/kg	0.75	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
Aroclor-1254	11.0		mg/kg	0.75	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
Aroclor-1260	9.8		mg/kg	0.75	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyls (S)	180	3	%	49 - 115	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
Tetrachloro-m-xylene (S)	80.4		%	27 - 137	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:34	EGO	B
WET CHEMISTRY										
Cyanide, Total	ND		mg/kg	0.27	SW846 9012B	9/8/16 12:10	CTD	9/11/16 07:19	KXK	A
Moisture	16.9		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
Total Solids	83.1		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
METALS										
Arsenic, Total	4.0		mg/kg	2.3	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:44	TSS	B1
Barium, Total	191		mg/kg	1.1	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:44	TSS	B1

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758004** Date Collected: 9/1/2016 10:45 Matrix: Solid

Sample ID: **SB4 (0-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
Cadmium, Total	0.93		mg/kg	0.57	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:44	TSS	B1
Chromium, Total	242		mg/kg	1.1	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:44	TSS	B1
Lead, Total	84.1		mg/kg	2.3	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:44	TSS	B1
Mercury, Total	0.31		mg/kg	0.055	SW846 7471B	9/12/16 09:30	MNP	9/12/16 11:20	MNP	B2
Selenium, Total	ND		mg/kg	5.7	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:44	TSS	B1
Silver, Total	ND		mg/kg	0.57	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:44	TSS	B1

Mr. Brad W Kintzer
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758005** Date Collected: 9/1/2016 09:30 Matrix: Solid

Sample ID: **SB1 (.5-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/kg	10.9	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Benzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Bromochloromethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Bromodichloromethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Bromoform	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Bromomethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
2-Butanone	ND		ug/kg	10.9	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
n-Butylbenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
tert-Butylbenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
sec-Butylbenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Carbon Disulfide	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Carbon Tetrachloride	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Chlorobenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Chlorodibromomethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Chloroethane	ND		ug/kg	5.5	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Chloroform	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Chloromethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Cyclohexane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,2-Dibromoethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,2-Dichlorobenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,3-Dichlorobenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,4-Dichlorobenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Dichlorodifluoromethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,1-Dichloroethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,2-Dichloroethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,1-Dichloroethene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
cis-1,2-Dichloroethene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
trans-1,2-Dichloroethene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,2-Dichloropropane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
cis-1,3-Dichloropropene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
trans-1,3-Dichloropropene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,4-Dioxane	ND		ug/kg	81.8	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Ethylbenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Freon 113	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
2-Hexanone	ND		ug/kg	10.9	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758005** Date Collected: 9/1/2016 09:30 Matrix: Solid

Sample ID: **SB1 (.5-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Isopropylbenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
p-Isopropyltoluene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Methyl acetate	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Methyl cyclohexane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Methyl t-Butyl Ether	ND	6,7	ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	10.9	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Methylene Chloride	35.7	3,4,5	ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Naphthalene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
n-Propylbenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Styrene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Tetrachloroethene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Toluene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Total Xylenes	ND		ug/kg	6.5	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,2,3-Trichlorobenzene	ND		ug/kg	5.5	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,2,4-Trichlorobenzene	ND		ug/kg	5.5	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,1,1-Trichloroethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,1,2-Trichloroethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Trichloroethene	ND	8,9	ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Trichlorofluoromethane	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Vinyl Chloride	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
o-Xylene	ND		ug/kg	2.2	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
mp-Xylene	ND		ug/kg	4.4	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	89.5		%	56 - 124	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
4-Bromofluorobenzene (S)	86.1		%	51 - 128	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Dibromofluoromethane (S)	105		%	62 - 123	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
Toluene-d8 (S)	92.1		%	59 - 131	SW846 8260C	9/12/16 18:53	JAH	9/14/16 11:21	SYB	A3
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Acenaphthylene	ND		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Anthracene	ND		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Benzo(a)anthracene	142		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Benzo(a)pyrene	160		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758005** Date Collected: 9/1/2016 09:30 Matrix: Solid

Sample ID: **SB1 (.5-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(b)fluoranthene	265		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Benzo(g,h,i)perylene	189		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Benzo(k)fluoranthene	84.4		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Chrysene	135		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Dibenzo(a,h)anthracene	ND		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Fluoranthene	286		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Fluorene	ND		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Indeno(1,2,3-cd)pyrene	161		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Phenanthrene	143		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Pyrene	303		ug/kg	57.6	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	86.4		%	19 - 132	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
2-Fluorobiphenyl (S)	73.2		%	40 - 110	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
2-Fluorophenol (S)	68.1		%	26 - 116	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Nitrobenzene-d5 (S)	72.8		%	38 - 112	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Phenol-d5 (S)	71.7		%	35 - 111	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
Terphenyl-d14 (S)	83		%	45 - 126	SW846 8270D	9/8/16 03:30	CMA	9/9/16 22:55	CGS	B
PCBs										
Total Polychlorinated Biphenyl	171		mg/kg	8.0	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
Aroclor-1016	ND		mg/kg	8.0	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
Aroclor-1221	ND		mg/kg	8.0	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
Aroclor-1232	ND		mg/kg	8.0	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
Aroclor-1242	ND		mg/kg	8.0	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
Aroclor-1248	ND		mg/kg	8.0	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
Aroclor-1254	ND		mg/kg	8.0	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
Aroclor-1260	171		mg/kg	8.0	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyls (S)	0		%	49 - 115	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
Tetrachloro-m-xylene (S)	0		%	27 - 137	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:36	EGO	B
WET CHEMISTRY										
Cyanide, Total	0.34		mg/kg	0.29	SW846 9012B	9/8/16 12:10	CTD	9/11/16 07:19	KXK	A
Moisture	17.6		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
Total Solids	82.4		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
METALS										
Arsenic, Total	ND		mg/kg	4.2	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:51	TSS	B1

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758005** Date Collected: 9/1/2016 09:30 Matrix: Solid

Sample ID: **SB1 (.5-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
Barium, Total	95.1		mg/kg	2.1	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:51	TSS	B1
Cadmium, Total	10		mg/kg	1.0	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:51	TSS	B1
Chromium, Total	35.9		mg/kg	2.1	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:51	TSS	B1
Lead, Total	623		mg/kg	4.2	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:51	TSS	B1
Mercury, Total	3.6		mg/kg	0.28	SW846 7471B	9/12/16 09:30	MNP	9/12/16 11:59	MNP	B2
Selenium, Total	ND		mg/kg	10.5	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:51	TSS	B1
Silver, Total	1.9		mg/kg	1.0	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:51	TSS	B1

Mr. Brad W Kintzer
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758006** Date Collected: 9/1/2016 11:30 Matrix: Solid

Sample ID: **SB7 (0-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
VOLATILE ORGANICS										
Acetone	23.0	1,2	ug/kg	12.1	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Benzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Bromochloromethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Bromodichloromethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Bromoform	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Bromomethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
2-Butanone	ND		ug/kg	12.1	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
n-Butylbenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
tert-Butylbenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
sec-Butylbenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Carbon Disulfide	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Carbon Tetrachloride	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Chlorobenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Chlorodibromomethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Chloroethane	ND		ug/kg	6.0	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Chloroform	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Chloromethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Cyclohexane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.0	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,2-Dibromoethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,2-Dichlorobenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,3-Dichlorobenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,4-Dichlorobenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Dichlorodifluoromethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,1-Dichloroethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,2-Dichloroethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,1-Dichloroethene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
cis-1,2-Dichloroethene	56.9		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,2-Dichloropropane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,4-Dioxane	ND		ug/kg	90.6	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Ethylbenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Freon 113	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
2-Hexanone	ND		ug/kg	12.1	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758006** Date Collected: 9/1/2016 11:30 Matrix: Solid

Sample ID: **SB7 (0-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Isopropylbenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
p-Isopropyltoluene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Methyl acetate	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Methyl cyclohexane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Methyl t-Butyl Ether	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	12.1	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Methylene Chloride	9.1		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Naphthalene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
n-Propylbenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Styrene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Tetrachloroethene	27.0		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Toluene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Total Xylenes	ND		ug/kg	7.2	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,1,1-Trichloroethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,1,2-Trichloroethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Trichloroethene	33.8		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Trichlorofluoromethane	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Vinyl Chloride	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
o-Xylene	ND		ug/kg	2.4	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
mp-Xylene	ND		ug/kg	4.8	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	96.1		%	56 - 124	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
4-Bromofluorobenzene (S)	87		%	51 - 128	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Dibromofluoromethane (S)	105		%	62 - 123	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
Toluene-d8 (S)	91.4		%	59 - 131	SW846 8260C	9/12/16 18:54	CJG	9/12/16 22:49	CJG	A2
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Acenaphthylene	ND		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Anthracene	ND		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Benzo(a)anthracene	147		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Benzo(a)pyrene	175		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Benzo(b)fluoranthene	239		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758006** Date Collected: 9/1/2016 11:30 Matrix: Solid

Sample ID: **SB7 (0-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	142		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Benzo(k)fluoranthene	74.8		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Chrysene	159		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Dibenzo(a,h)anthracene	ND		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Fluoranthene	293		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Fluorene	ND		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Indeno(1,2,3-cd)pyrene	153		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Phenanthrene	215		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Pyrene	250		ug/kg	67.3	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	86		%	19 - 132	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
2-Fluorobiphenyl (S)	78.8		%	40 - 110	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
2-Fluorophenol (S)	78.7		%	26 - 116	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Nitrobenzene-d5 (S)	75.7		%	38 - 112	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Phenol-d5 (S)	78.7		%	35 - 111	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
Terphenyl-d14 (S)	82.3		%	45 - 126	SW846 8270D	9/8/16 03:30	CMA	9/8/16 20:59	CGS	B
PCBs										
Total Polychlorinated Biphenyl	13.5		mg/kg	0.85	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
Aroclor-1016	ND		mg/kg	0.85	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
Aroclor-1221	ND		mg/kg	0.85	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
Aroclor-1232	ND		mg/kg	0.85	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
Aroclor-1242	ND		mg/kg	0.85	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
Aroclor-1248	ND		mg/kg	0.85	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
Aroclor-1254	9.7		mg/kg	0.85	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
Aroclor-1260	3.9		mg/kg	0.85	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyls (S)	133	3	%	49 - 115	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
Tetrachloro-m-xylene (S)	69.1		%	27 - 137	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:48	EGO	B
WET CHEMISTRY										
Cyanide, Total	ND		mg/kg	0.33	SW846 9012B	9/8/16 12:10	CTD	9/11/16 07:19	KXK	A
Moisture	25.7		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
Total Solids	74.3		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
METALS										
Arsenic, Total	ND		mg/kg	2.4	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:50	TSS	B1
Barium, Total	113		mg/kg	1.2	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:50	TSS	B1

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State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758006** Date Collected: 9/1/2016 11:30 Matrix: Solid

Sample ID: **SB7 (0-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
Cadmium, Total	ND		mg/kg	0.60	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:50	TSS	B1
Chromium, Total	19.5		mg/kg	1.2	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:50	TSS	B1
Lead, Total	16.6		mg/kg	2.4	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:50	TSS	B1
Mercury, Total	1.1		mg/kg	0.060	SW846 7471B	9/12/16 09:30	MNP	9/12/16 11:49	MNP	B2
Selenium, Total	ND		mg/kg	6.0	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:50	TSS	B1
Silver, Total	ND		mg/kg	0.60	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:50	TSS	B1

Mr. Brad W Kintzer
Project Coordinator

ALS Environmental

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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758007** Date Collected: 9/2/2016 08:50 Matrix: Solid

Sample ID: **SB11 (0-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
VOLATILE ORGANICS										
Acetone	ND		ug/kg	10.1	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Benzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Bromochloromethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Bromodichloromethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Bromoform	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Bromomethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
2-Butanone	64.0		ug/kg	10.1	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
n-Butylbenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
tert-Butylbenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
sec-Butylbenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Carbon Disulfide	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Carbon Tetrachloride	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Chlorobenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Chlorodibromomethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Chloroethane	ND		ug/kg	5.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Chloroform	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Chloromethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Cyclohexane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,2-Dibromoethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,2-Dichlorobenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,3-Dichlorobenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,4-Dichlorobenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Dichlorodifluoromethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,1-Dichloroethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,2-Dichloroethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,1-Dichloroethene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
cis-1,2-Dichloroethene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
trans-1,2-Dichloroethene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,2-Dichloropropane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
cis-1,3-Dichloropropene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
trans-1,3-Dichloropropene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,4-Dioxane	ND		ug/kg	75.6	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Ethylbenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Freon 113	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
2-Hexanone	ND		ug/kg	10.1	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758007** Date Collected: 9/2/2016 08:50 Matrix: Solid

Sample ID: **SB11 (0-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Isopropylbenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
p-Isopropyltoluene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Methyl acetate	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Methyl cyclohexane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Methyl t-Butyl Ether	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	10.1	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Methylene Chloride	28.0	3,4,5	ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Naphthalene	2.3		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
n-Propylbenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Styrene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Tetrachloroethene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Toluene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Total Xylenes	ND		ug/kg	6.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,1,1-Trichloroethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,1,2-Trichloroethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Trichloroethene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Trichlorofluoromethane	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Vinyl Chloride	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
o-Xylene	ND		ug/kg	2.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
mp-Xylene	ND		ug/kg	4.0	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	112		%	56 - 124	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
4-Bromofluorobenzene (S)	80.7		%	51 - 128	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Dibromofluoromethane (S)	109		%	62 - 123	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
Toluene-d8 (S)	89.4		%	59 - 131	SW846 8260C	9/14/16 18:56	JAH	9/14/16 11:44	SYB	A3
SEMIVOLATILES										
Acenaphthene	64.4		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Acenaphthylene	ND		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Anthracene	176		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Benzo(a)anthracene	645		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Benzo(a)pyrene	1600		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758007** Date Collected: 9/2/2016 08:50 Matrix: Solid

Sample ID: **SB11 (0-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(b)fluoranthene	2420		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Benzo(g,h,i)perylene	1440		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Benzo(k)fluoranthene	588		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Chrysene	594		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Dibenzo(a,h)anthracene	412		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Fluoranthene	918		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Fluorene	89.9		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Indeno(1,2,3-cd)pyrene	1460		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Phenanthrene	627		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Pyrene	1100		ug/kg	57.3	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	83.2		%	19 - 132	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
2-Fluorobiphenyl (S)	67.9		%	40 - 110	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
2-Fluorophenol (S)	62.2		%	26 - 116	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Nitrobenzene-d5 (S)	67		%	38 - 112	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Phenol-d5 (S)	66.8		%	35 - 111	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
Terphenyl-d14 (S)	77.8		%	45 - 126	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:20	CGS	B
PCBs										
Total Polychlorinated Biphenyl	29.6		mg/kg	1.9	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
Aroclor-1016	ND		mg/kg	1.9	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
Aroclor-1221	ND		mg/kg	1.9	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
Aroclor-1232	ND		mg/kg	1.9	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
Aroclor-1242	ND		mg/kg	1.9	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
Aroclor-1248	14.6		mg/kg	1.9	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
Aroclor-1254	8.7		mg/kg	1.9	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
Aroclor-1260	6.3		mg/kg	1.9	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyls (S)	222	2	%	49 - 115	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
Tetrachloro-m-xylene (S)	75.7		%	27 - 137	SW846 8082A	9/7/16 23:55	CMA	9/8/16 14:59	EGO	B
WET CHEMISTRY										
Cyanide, Total	0.39		mg/kg	0.28	SW846 9012B	9/8/16 12:10	CTD	9/11/16 07:19	KXK	A
Moisture	14.4		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
Total Solids	85.6		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
METALS										
Arsenic, Total	ND		mg/kg	41.7	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:54	TSS	B1

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State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758007** Date Collected: 9/2/2016 08:50 Matrix: Solid

Sample ID: **SB11 (0-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
Barium, Total	5870		mg/kg	20.9	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:54	TSS	B1
Cadmium, Total	54.3		mg/kg	10.4	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:54	TSS	B1
Chromium, Total	415		mg/kg	20.9	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:54	TSS	B1
Lead, Total	6280		mg/kg	41.7	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:54	TSS	B1
Mercury, Total	0.69		mg/kg	0.056	SW846 7471B	9/12/16 09:30	MNP	9/12/16 11:50	MNP	B2
Selenium, Total	ND		mg/kg	104	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:54	TSS	B1
Silver, Total	ND		mg/kg	10.4	SW846 6010C	9/8/16 10:20	JPS	9/13/16 06:54	TSS	B1

Mr. Brad W Kintzer
Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758008** Date Collected: 9/2/2016 10:15 Matrix: Solid

Sample ID: **SB15 (0-2')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
PCBs										
Total Polychlorinated Biphenyl	9.9		mg/kg	0.37	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
Aroclor-1016	ND		mg/kg	0.37	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
Aroclor-1221	ND		mg/kg	0.37	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
Aroclor-1232	ND		mg/kg	0.37	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
Aroclor-1242	ND		mg/kg	0.37	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
Aroclor-1248	ND		mg/kg	0.37	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
Aroclor-1254	5.6		mg/kg	0.37	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
Aroclor-1260	4.4		mg/kg	0.37	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyls (S)	123	1	%	49 - 115	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
Tetrachloro-m-xylene (S)	73.3		%	27 - 137	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:11	EGO	A
WET CHEMISTRY										
Moisture	13.0		%	0.1	S2540G-11			9/8/16 09:36	VKB	A
Total Solids	87.0		%	0.1	S2540G-11			9/8/16 09:36	VKB	A

Mr. Brad W Kintzer
Project Coordinator

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758009** Date Collected: 9/2/2016 12:30 Matrix: Solid

Sample ID: **SB19 (.5-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
VOLATILE ORGANICS										
Acetone	28.5	1,2	ug/kg	12.3	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Benzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Bromochloromethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Bromodichloromethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Bromoform	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Bromomethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
2-Butanone	357		ug/kg	12.3	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
n-Butylbenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
tert-Butylbenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
sec-Butylbenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Carbon Disulfide	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Carbon Tetrachloride	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Chlorobenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Chlorodibromomethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Chloroethane	ND		ug/kg	6.2	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Chloroform	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Chloromethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Cyclohexane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,2-Dibromoethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,2-Dichlorobenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,3-Dichlorobenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,4-Dichlorobenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Dichlorodifluoromethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,1-Dichloroethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,2-Dichloroethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,1-Dichloroethene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
cis-1,2-Dichloroethene	2.5		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
trans-1,2-Dichloroethene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,2-Dichloropropane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
cis-1,3-Dichloropropene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
trans-1,3-Dichloropropene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,4-Dioxane	ND		ug/kg	92.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Ethylbenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Freon 113	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
2-Hexanone	ND		ug/kg	12.3	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758009** Date Collected: 9/2/2016 12:30 Matrix: Solid

Sample ID: **SB19 (.5-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Isopropylbenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
p-Isopropyltoluene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Methyl acetate	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Methyl cyclohexane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Methyl t-Butyl Ether	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	12.3	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Methylene Chloride	6.1		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Naphthalene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
n-Propylbenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Styrene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Tetrachloroethene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Toluene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Total Xylenes	ND		ug/kg	7.4	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,1,1-Trichloroethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,1,2-Trichloroethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Trichloroethene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Trichlorofluoromethane	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,2,4-Trimethylbenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
1,3,5-Trimethylbenzene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Vinyl Chloride	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
o-Xylene	ND		ug/kg	2.5	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
mp-Xylene	ND		ug/kg	4.9	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	87.4		%	56 - 124	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
4-Bromofluorobenzene (S)	89.1		%	51 - 128	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Dibromofluoromethane (S)	101		%	62 - 123	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
Toluene-d8 (S)	94.7		%	59 - 131	SW846 8260C	9/12/16 18:58	CJG	9/12/16 23:35	CJG	A2
SEMIVOLATILES										
Acenaphthene	ND		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Acenaphthylene	ND		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Anthracene	ND		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Benzo(a)anthracene	118		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Benzo(a)pyrene	112		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Benzo(b)fluoranthene	155		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758009** Date Collected: 9/2/2016 12:30 Matrix: Solid

Sample ID: **SB19 (.5-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(g,h,i)perylene	235		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Benzo(k)fluoranthene	58.9		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Chrysene	134		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Dibenzo(a,h)anthracene	ND		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Fluoranthene	181		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Fluorene	ND		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Indeno(1,2,3-cd)pyrene	171		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Phenanthrene	143		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Pyrene	160		ug/kg	57.7	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	81.8		%	19 - 132	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
2-Fluorobiphenyl (S)	79.3		%	40 - 110	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
2-Fluorophenol (S)	81.2		%	26 - 116	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Nitrobenzene-d5 (S)	78.9		%	38 - 112	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Phenol-d5 (S)	80.8		%	35 - 111	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
Terphenyl-d14 (S)	83		%	45 - 126	SW846 8270D	9/8/16 03:30	CMA	9/8/16 21:52	CGS	B
WET CHEMISTRY										
Moisture	18.2		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
Total Solids	81.8		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
METALS										
Arsenic, Total	6.1		mg/kg	2.1	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:57	TSS	B1
Barium, Total	97.8		mg/kg	1.1	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:57	TSS	B1
Cadmium, Total	ND		mg/kg	0.54	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:57	TSS	B1
Chromium, Total	7.6		mg/kg	1.1	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:57	TSS	B1
Lead, Total	74.9		mg/kg	2.1	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:57	TSS	B1
Mercury, Total	0.24		mg/kg	0.054	SW846 7471B	9/12/16 09:30	MNP	9/12/16 11:51	MNP	B2
Selenium, Total	ND		mg/kg	5.4	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:57	TSS	B1
Silver, Total	ND		mg/kg	0.54	SW846 6010C	9/8/16 10:20	JPS	9/13/16 03:57	TSS	B1

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ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758010** Date Collected: 9/2/2016 14:50 Matrix: Solid

Sample ID: **SB26 (0-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	17.5	1,2	ug/kg	13.2	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Benzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Bromochloromethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Bromodichloromethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Bromoform	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Bromomethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
2-Butanone	ND		ug/kg	13.2	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
n-Butylbenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
tert-Butylbenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
sec-Butylbenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Carbon Disulfide	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Carbon Tetrachloride	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Chlorobenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Chlorodibromomethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Chloroethane	ND		ug/kg	6.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Chloroform	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Chloromethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Cyclohexane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,2-Dibromoethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,2-Dichlorobenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,3-Dichlorobenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,4-Dichlorobenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Dichlorodifluoromethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,1-Dichloroethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,2-Dichloroethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,1-Dichloroethene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
cis-1,2-Dichloroethene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
trans-1,2-Dichloroethene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,2-Dichloropropane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
cis-1,3-Dichloropropene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
trans-1,3-Dichloropropene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,4-Dioxane	ND		ug/kg	99.2	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Ethylbenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Freon 113	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
2-Hexanone	ND		ug/kg	13.2	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758010** Date Collected: 9/2/2016 14:50 Matrix: Solid

Sample ID: **SB26 (0-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Isopropylbenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
p-Isopropyltoluene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Methyl acetate	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Methyl cyclohexane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Methyl t-Butyl Ether	ND	6,7	ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
4-Methyl-2-Pentanone(MIBK)	ND		ug/kg	13.2	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Methylene Chloride	40.7	3,4,5	ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Naphthalene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
n-Propylbenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Styrene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,1,2,2-Tetrachloroethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Tetrachloroethene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Toluene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Total Xylenes	ND		ug/kg	7.9	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,2,3-Trichlorobenzene	ND		ug/kg	6.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,2,4-Trichlorobenzene	ND		ug/kg	6.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,1,1-Trichloroethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,1,2-Trichloroethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Trichloroethene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Trichlorofluoromethane	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Vinyl Chloride	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
o-Xylene	ND		ug/kg	2.6	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
mp-Xylene	ND		ug/kg	5.3	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	109		%	56 - 124	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
4-Bromofluorobenzene (S)	86.2		%	51 - 128	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Dibromofluoromethane (S)	109		%	62 - 123	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
Toluene-d8 (S)	90.8		%	59 - 131	SW846 8260C	9/14/16 19:00	JAH	9/14/16 12:07	SYB	A3
SEMIVOLATILES										
Acenaphthene	1560		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Acenaphthylene	ND		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Anthracene	4190		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Benzo(a)anthracene	8510		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Benzo(a)pyrene	7490		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758010** Date Collected: 9/2/2016 14:50 Matrix: Solid

Sample ID: **SB26 (0-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Benzo(b)fluoranthene	9650		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Benzo(g,h,i)perylene	4050		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Benzo(k)fluoranthene	4000		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Chrysene	7780		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Dibenzo(a,h)anthracene	1280		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Fluoranthene	17500		ug/kg	644	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:09	CGS	B
Fluorene	1700		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Indeno(1,2,3-cd)pyrene	5220		ug/kg	64.4	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Phenanthrene	14800		ug/kg	644	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:09	CGS	B
Pyrene	15300		ug/kg	644	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:09	CGS	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
2,4,6-Tribromophenol (S)	95.4		%	19 - 132	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
2,4,6-Tribromophenol (S)	83.2		%	19 - 132	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:09	CGS	B
2-Fluorobiphenyl (S)	74.7		%	40 - 110	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:09	CGS	B
2-Fluorobiphenyl (S)	81.3		%	40 - 110	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
2-Fluorophenol (S)	76.3		%	26 - 116	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
2-Fluorophenol (S)	67		%	26 - 116	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:09	CGS	B
Nitrobenzene-d5 (S)	69.6		%	38 - 112	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:09	CGS	B
Nitrobenzene-d5 (S)	81		%	38 - 112	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Phenol-d5 (S)	63.8		%	35 - 111	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:09	CGS	B
Phenol-d5 (S)	76.5		%	35 - 111	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
Terphenyl-d14 (S)	85.7		%	45 - 126	SW846 8270D	9/8/16 03:30	CMA	9/10/16 00:09	CGS	B
Terphenyl-d14 (S)	93.5		%	45 - 126	SW846 8270D	9/8/16 03:30	CMA	9/9/16 23:45	CGS	B
PCBs										
Total Polychlorinated Biphenyl	0.25		mg/kg	0.044	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
Aroclor-1016	ND		mg/kg	0.044	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
Aroclor-1221	ND		mg/kg	0.044	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
Aroclor-1232	ND		mg/kg	0.044	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
Aroclor-1242	ND		mg/kg	0.044	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
Aroclor-1248	ND		mg/kg	0.044	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
Aroclor-1254	0.099		mg/kg	0.044	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
Aroclor-1260	0.15		mg/kg	0.044	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
Decachlorobiphenyls (S)	86.7		%	49 - 115	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
Tetrachloro-m-xylene (S)	76.8		%	27 - 137	SW846 8082A	9/7/16 23:55	CMA	9/8/16 15:23	EGO	B
WET CHEMISTRY										

ALS Environmental

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NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: DE ID 11 , MA PA0102 , MD 128 , VA 460157 , WV 343

ANALYTICAL RESULTS

Workorder: 2172758 e1534

Lab ID: **2172758010** Date Collected: 9/2/2016 14:50 Matrix: Solid

Sample ID: **SB26 (0-3')** Date Received: 9/7/2016 10:27

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	*Cntr*
Cyanide, Total	ND		mg/kg	0.30	SW846 9012B	9/8/16 12:10	CTD	9/11/16 07:19	KXK	A
Moisture	25.9		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
Total Solids	74.1		%	0.1	S2540G-11			9/8/16 09:36	VKB	B
METALS										
Arsenic, Total	13.1		mg/kg	2.5	SW846 6010C	9/8/16 10:20	JPS	9/13/16 04:00	TSS	B1
Barium, Total	99.8		mg/kg	1.2	SW846 6010C	9/8/16 10:20	JPS	9/13/16 04:00	TSS	B1
Cadmium, Total	0.76		mg/kg	0.62	SW846 6010C	9/8/16 10:20	JPS	9/13/16 04:00	TSS	B1
Chromium, Total	12.3		mg/kg	1.2	SW846 6010C	9/8/16 10:20	JPS	9/13/16 04:00	TSS	B1
Lead, Total	54.7		mg/kg	2.5	SW846 6010C	9/8/16 10:20	JPS	9/13/16 04:00	TSS	B1
Mercury, Total	0.10		mg/kg	0.065	SW846 7471B	9/12/16 09:30	MNP	9/12/16 11:56	MNP	B2
Selenium, Total	ND		mg/kg	6.2	SW846 6010C	9/8/16 10:20	JPS	9/13/16 04:00	TSS	B1
Silver, Total	ND		mg/kg	0.62	SW846 6010C	9/8/16 10:20	JPS	9/13/16 04:00	TSS	B1

Mr. Brad W Kintzer
Project Coordinator

PARAMETER QUALIFIERS

Lab ID	#	Sample ID	Analytical Method	Analyte
2172758003	1	SB2 (2-4')	SW846 8260C	Methyl acetate
The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Methyl acetate. The % Recovery was reported as 159 and the control limits were 70 to 130.				
2172758003	2	SB2 (2-4')	SW846 8260C	Methyl acetate
The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Methyl acetate. The % Recovery was reported as 167 and the control limits were 70 to 130.				
2172758003	3	SB2 (2-4')	SW846 8260C	Acetone
The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 152 and the control limits were 58 to 146.				
2172758003	4	SB2 (2-4')	SW846 8260C	Acetone
The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 150 and the control limits were 58 to 146.				
2172758004	1	SB4 (0-2')	SW846 8260C	Acetone
The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 152 and the control limits were 58 to 146.				
2172758004	2	SB4 (0-2')	SW846 8260C	Acetone
The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 150 and the control limits were 58 to 146.				
2172758004	3	SB4 (0-2')	SW846 8082A	Decachlorobiphenyls
The surrogate Decachlorobiphenyls for method SW846 8082A was outside of control limits. The % Recovery was reported as 180 and the control limits were 49 to 115. This result was reported at a dilution of 20.				
2172758005	3	SB1 (.5-2')	SW846 8260C	Methylene Chloride
The Method Blank for method SW846 8260C reported a value greater than the reporting level for the analyte Methylene Chloride.				
2172758005	4	SB1 (.5-2')	SW846 8260C	Methylene Chloride
The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Methylene Chloride. The % Recovery was reported as 218 and the control limits were 68 to 133.				
2172758005	5	SB1 (.5-2')	SW846 8260C	Methylene Chloride
The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Methylene Chloride. The % Recovery was reported as 209 and the control limits were 68 to 133.				
2172758005	6	SB1 (.5-2')	SW846 8260C	Methyl t-Butyl Ether
The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 128 and the control limits were 70 to 118.				
2172758005	7	SB1 (.5-2')	SW846 8260C	Methyl t-Butyl Ether
The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 131 and the control limits were 70 to 118.				
2172758005	8	SB1 (.5-2')	SW846 8260C	Trichloroethene
The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Trichloroethene. The % Recovery was reported as 135 and the control limits were 72 to 129.				
2172758005	9	SB1 (.5-2')	SW846 8260C	Trichloroethene
The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Trichloroethene. The % Recovery was reported as 137 and the control limits were 72 to 129.				
2172758006	1	SB7 (0-3')	SW846 8260C	Acetone
The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 152 and the control limits were 58 to 146.				
2172758006	2	SB7 (0-3')	SW846 8260C	Acetone
The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 150 and the control limits were 58 to 146.				

ANALYTICAL RESULTS

Workorder: 2172758 e1534

2172758006	3	SB7 (0-3')	SW846 8082A	Decachlorobiphenyls

The surrogate Decachlorobiphenyls for method SW846 8082A was outside of control limits. The % Recovery was reported as 133 and the control limits were 49 to 115. This result was reported at a dilution of 20.

2172758007	2	SB11 (0-2')	SW846 8082A	Decachlorobiphenyls

The surrogate Decachlorobiphenyls for method SW846 8082A was outside of control limits. The % Recovery was reported as 222 and the control limits were 49 to 115. This result was reported at a dilution of 50.

2172758007	3	SB11 (0-2')	SW846 8260C	Methylene Chloride

The Method Blank for method SW846 8260C reported a value greater than the reporting level for the analyte Methylene Chloride.

2172758007	4	SB11 (0-2')	SW846 8260C	Methylene Chloride

The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Methylene Chloride. The % Recovery was reported as 218 and the control limits were 68 to 133.

2172758007	5	SB11 (0-2')	SW846 8260C	Methylene Chloride

The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Methylene Chloride. The % Recovery was reported as 209 and the control limits were 68 to 133.

2172758008	1	SB15 (0-2')	SW846 8082A	Decachlorobiphenyls

The surrogate Decachlorobiphenyls for method SW846 8082A was outside of control limits. The % Recovery was reported as 123 and the control limits were 49 to 115. This result was reported at a dilution of 10.

2172758009	1	SB19 (.5-3')	SW846 8260C	Acetone

The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 152 and the control limits were 58 to 146.

2172758009	2	SB19 (.5-3')	SW846 8260C	Acetone

The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 150 and the control limits were 58 to 146.

2172758010	1	SB26 (0-3')	SW846 8260C	Acetone

The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 172 and the control limits were 58 to 146.

2172758010	2	SB26 (0-3')	SW846 8260C	Acetone

The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Acetone. The % Recovery was reported as 161 and the control limits were 58 to 146.

2172758010	3	SB26 (0-3')	SW846 8260C	Methylene Chloride

The Method Blank for method SW846 8260C reported a value greater than the reporting level for the analyte Methylene Chloride.

2172758010	4	SB26 (0-3')	SW846 8260C	Methylene Chloride

The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Methylene Chloride. The % Recovery was reported as 218 and the control limits were 68 to 133.

2172758010	5	SB26 (0-3')	SW846 8260C	Methylene Chloride

The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Methylene Chloride. The % Recovery was reported as 209 and the control limits were 68 to 133.

2172758010	6	SB26 (0-3')	SW846 8260C	Methyl t-Butyl Ether

The QC sample type LCS for method SW846 8260C was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 128 and the control limits were 70 to 118.

2172758010	7	SB26 (0-3')	SW846 8260C	Methyl t-Butyl Ether

The QC sample type LCSD for method SW846 8260C was outside the control limits for the analyte Methyl t-Butyl Ether. The % Recovery was reported as 131 and the control limits were 70 to 118.

ALS Environmental

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 Of ___

* 2 1 7 2 7 5 8 *

Project Name: Phase II ESA	Project Number: e1551
Project Manager: Brad Kintzer	Report CC
Company/Address: Hazard Evaluations Inc. 3752 N. Buffalo Rd Orchard Park, NY 14127	
Phone #: 716-667-3130	Email: mwittman@hazardevaluations.com ebetzold@hazardevaluations.com
Sampler's Signature: [signature]	Sampler's Printed Name: Eric Betzold

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

Preservative: GC/MS VOAs – HCL; GC/MS SVOAs – none; METALS, TOTAL – none; METALS, DISSOLVED – none; VOCs Method 8260 – none

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOAs o 8260 o 624 o CLP (TCL+STARS)	GC/MS SVOAs o 8270 o 625 (TCL)	GC VOAs o 8021 o 601/602	PESTICIDES o 8081 o 608	PCBs o 8082 o 608	METALS, TOTAL (list in comments below) *	METALS, DISSOLVED (list in comments below)	VOCs Method 8260 TCL+STARS	REMARKS/ ALTERNATE DESCRIPTION
SB3		9/1/16	10:45am	GW	2	X	X	> SVOC 1 VIAL + Bottle rec'd broken JS 9/7/16						
SB17		9/2/16	12:00PM	GW	4	X	X							
SB2 (2-4')		9/1/16	10:20am	Soil	1								X	
SB4 (0-2')		9/1/16	10:45am	Soil	2		X			X	X		X	
SB1 (.5-2')		9/1/16	9:30am	Soil	2		X			X	X		X	
SB7 (0-3')		9/1/16	11:30am	Soil	2		X			X	X		X	
SB11 (0-2')		9/2/16	8:50am	Soil	2		X			X	X		X	
SB15 (0-2')		9/2/16	10:15am	Soil	1					X				
SB19 (.5-3')		9/2/16	12:30pm	Soil	2		X				X		X	
SB26 (0-3')		9/2/16	2:50pm	Soil	2		X			X	X		X	

Preservative Key: 0. NONE 1. HCL 2. HNO_3 3. H_2SO_4 4. NaOH 5. Zn. Acetate 6. MeOH 7. $NaHSO_4$ 8. Other ____

	Y	N	Initials
Custody Seals Present?		✓	KS
(if present) Seals Intact?			
Received on Ice?	✓		
COC/Lbls Complete	✓		
Cont in Good Cond?	✓		
Correct Containers?	✓		
Correct Samp Vol?	✓		
Correct Preservation?			
Headspace/Volatiles?		✓	

Tracking #: 12R17038130267728

Cooler Temp: 6 °C
Cooler #: ____
Therm ID: TH 352
Ship Carrier: FedEx (UPS) DHL ____

SPECIAL INSTRUCTIONS/COMMENTS
Metals
*=RCRA 8 & cyanide

SB3 A1L + 1 40mL VIAL rec'd broken JS 9/7/16

AS 9/7/16

See QAPP ☐

STATE WHERE SAMPLES WERE COLLECTED: New York (Buffalo)

TURNAROUND REQUIREMENTS
RUSH (SURCHARGES APPLY)
___ 1 day ___ 2 day ___ 3 day
___ 4 day X 5 day
REQUESTED REPORT DATE ____

REPORT REQUIREMENTS
___ I. Results Only
___ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
___ III. Results + QC and Calibration Summaries
___ IV. Data Validation Report with Raw Data
Edata X Yes ___ No

INVOICE INFORMATION
PO # e1551
BILL TO: Same as client Information

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: [signature]	Signature: Jessica Smith	Signature	Signature	Signature	Signature
Printed Name: Eric Betzold	Printed Name: ALS	Printed Name	Printed Name	Printed Name	Printed Name
Firm: Hazard Evaluations Inc	Firm: 9/7/16 1027	Firm	Firm	Firm	Firm
Date/Time: 9/6/16 4:00pm	Date/Time	Date/Time	Date/Time	Date/Time	Date/Time

Distribution: White - Lab Copy; Yellow - Return to Originator

Section IV

Property Information

Figure IV-A – Site Locus – USGS Map

Figure IV-B – Tax Map

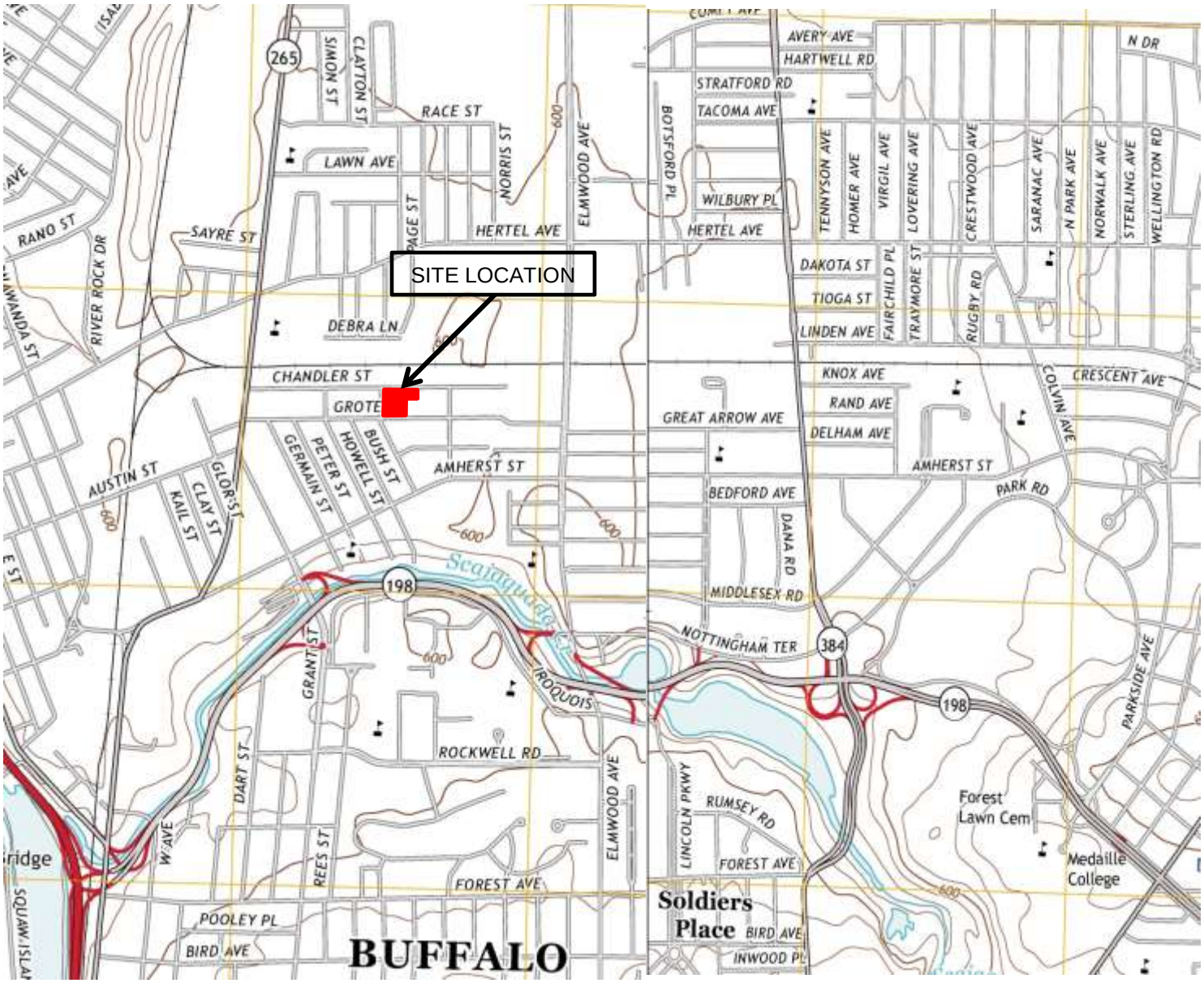
Figure IV-C – Site survey

Metes and bounds

Figure IV-D – Site Base Map

Figure IV-E – En-Zone Designation

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

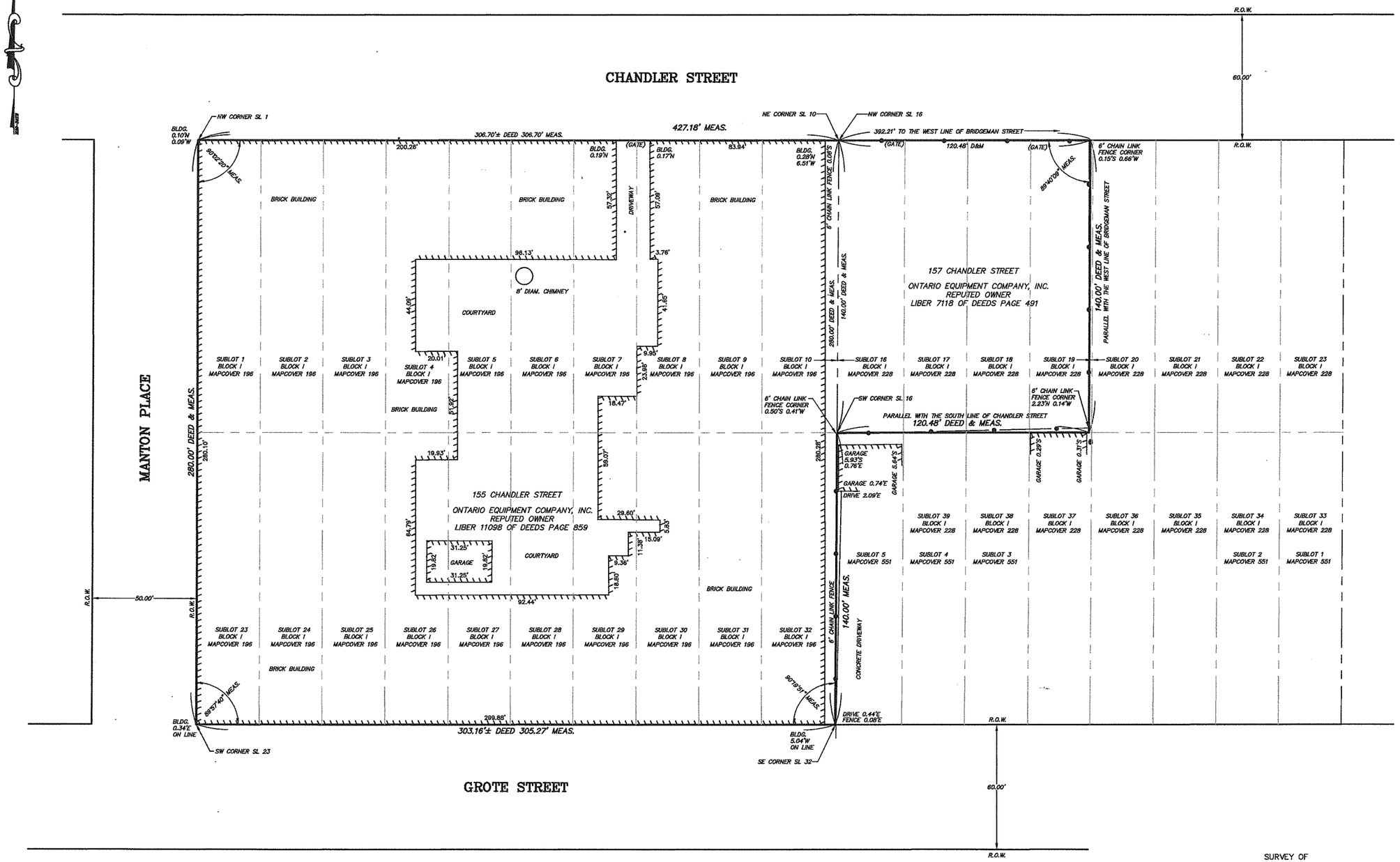
HAZARD EVALUATIONS, INC. *Phase I/II Audits – Site Investigations – Facility Inspections*		
SITE LOCATION 155 and 157 CHANDLER STREET BUFFALO, NEW YORK		
R & M LEASING LLC BUFFALO, NEW YORK		
DRAWN BY: LSH	SCALE: NOT TO SCALE	PROJECT: e1601
CHECKED BY: EB	DATE: 10/16	FIGURE NO: IV-A

Notes:
1 – Base map adapted from Erie County Department of Environment & Planning Office of GIS
2 – Boundaries of Site correspond with tax boundaries for SBL #77.84-1-4 (155 Chandler) and SBL #77.84-1-5 (157 Chandler)

HAZARD EVALUATIONS, INC.		
Phase I/II Audits – Site Investigations – Facility Inspections		
TAX MAP 155 and 157 CHANDLER STREET BUFFALO, NEW YORK		
R & M LEASING LLC BUFFALO, NEW YORK		
DRAWN BY: MMW	SCALE: NOT TO SCALE	PROJECT: e1601
CHECKED BY:	DATE: 10/16	FIGURE NO: IV-B

NOTE: THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OF TITLE.

● SET OR EX. 5/8" REBAR



DATE	REVISION/TYPE

Figure IV-C
Site Survey

SURVEY OF
PART OF LOT 88 (BLACK ROCK), TOWNSHIP 11 RANGE 8
HOLLAND LAND SURVEY
CITY OF BUFFALO, ERIE COUNTY, NEW YORK

GPI ENGINEERING & SURVEYING, LLP
SUCCESSOR TO THE RECORDS OF LAWRENCE J. ZYGAJ
ENGINEERING • SURVEYING • PLANNING
4650 GENESEE STREET, SUITE 100
BUFFALO, NEW YORK 14225
(716) 833-4844 FAX 833-4940

Job No. 6055 Date: 9/21/2016
Scale: 1" = 30' TAX No. 77.84-1-4&5

CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04464

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 as shown on a map filed in the Erie County Clerk's Office under Cover No. 196 is known as Subdivision Lot Nos. 1 to 10 inclusive and Subdivision Lot Nos. 23 to 32 inclusive in Block "I", described as follows:-

Beginning at the intersection of the southerly line of Chandler Street and the easterly line of Manton Place, said point of beginning being also the northwesterly corner of Lot No. 1 in above referred to subdivision; running thence southerly along the easterly line of Manton Place a distance of 280 feet to the northerly line of Grote Street, which point is also the southwesterly corner of Lot No. 23 in the above referred to subdivision; thence easterly along the northerly line of Grote Street 303.16 feet more or less to the easterly line of Lot No. 32 in said subdivision, which point is also the southwesterly corner of lands owned by Anthony Young and Caroline Young, his wife; thence northerly along the easterly line of Lot Nos. 32 and 10, being also along the westerly line of lands of Anthony Young and wife and lands of Barcola Manufacturing Company a distance of 280 feet more or less to the southerly line of Chandler Street, said point being also the northeasterly corner of Lot No. 10 and the northwesterly corner of lands of Barcola Manufacturing Company; thence westerly along the southerly side of Chandler Street a distance of 306.70 feet more or less to the easterly line of Manton Place, the point or place of beginning

A8-51-1-11&20-31

157 Chandler, Buffalo, NY

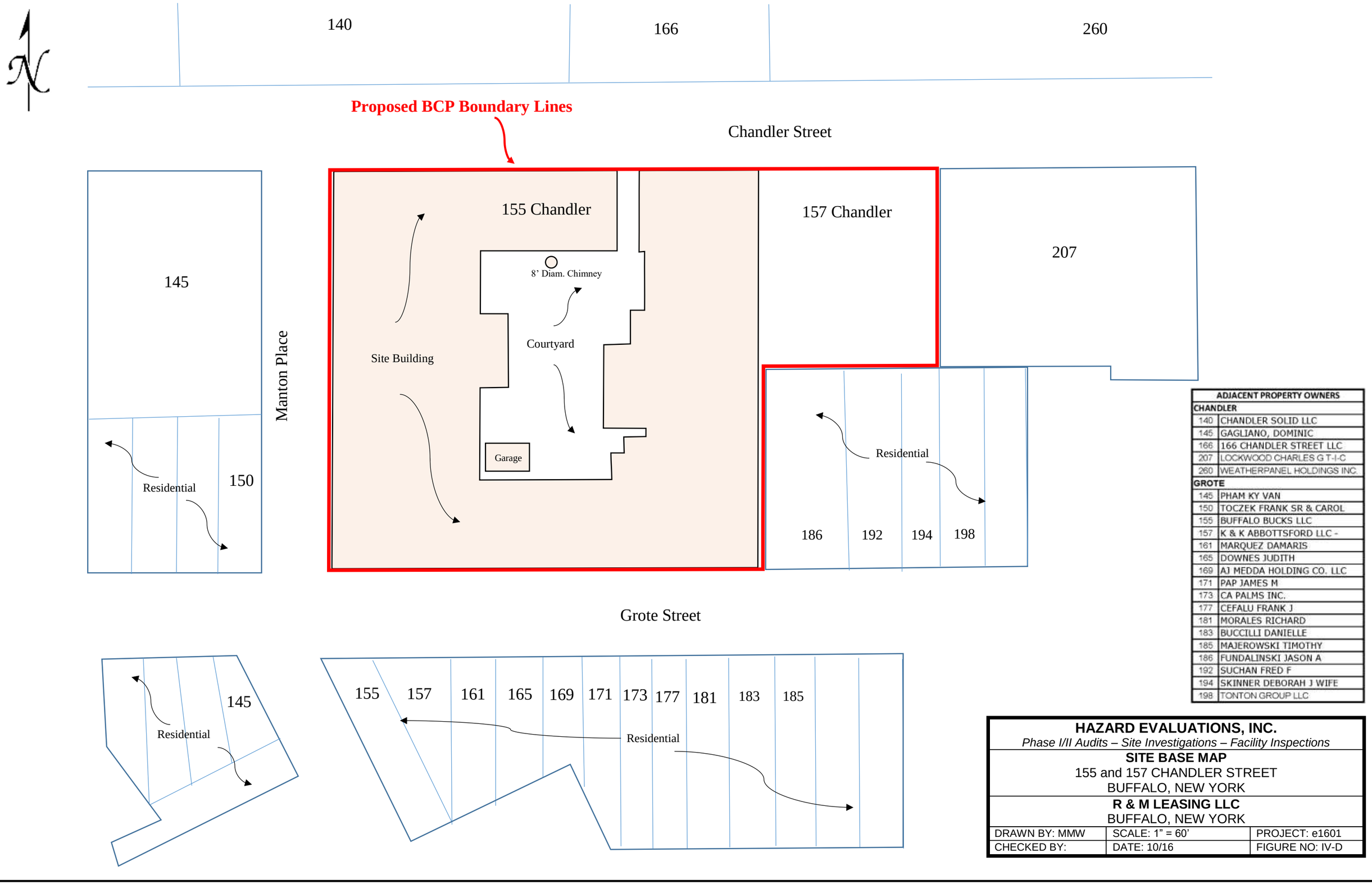
CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04463

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 228 is known as Subdivision Lot Nos. 16,17, 18 and the westerly part of Subdivision Lot No 19 in Block "I", described as follows:-

Beginning at a point in the southerly line of Chandler Street 392.21 feet west of its intersection with the westerly line of Bridgeman Street which point of beginning is the northwesterly corner of Subdivision Lot No 16; running thence easterly along the southerly line of Chandler Street 120.48 feet; thence southerly and parallel with the westerly line of Bridgeman Street 140 feet; thence westerly and parallel with Chandler Street and along the southerly line of Subdivision Lot Nos. 16, 17, 18 and 19, 120.48 feet to the southwesterly corner of Subdivision Lot No. 16; and thence northerly and along the westerly line of Subdivision Lot No 16, 140 feet to the southerly line of Chandler Street at the point or place of beginning

A8-51-12-15 incl



ADJACENT PROPERTY OWNERS	
CHANDLER	
140	CHANDLER SOLID LLC
145	GAGLIANO, DOMINIC
166	166 CHANDLER STREET LLC
207	LOCKWOOD CHARLES G T-I-C
260	WEATHERPANEL HOLDINGS INC.
GROTE	
145	PHAM KY VAN
150	TOCZEK FRANK SR & CAROL
155	BUFFALO BUCKS LLC
157	K & K ABBOTTSFORD LLC -
161	MARQUEZ DAMARIS
165	DOWNES JUDITH
169	AJ MEDDA HOLDING CO. LLC
171	PAP JAMES M
173	CA PALMS INC.
177	CEFALU FRANK J
181	MORALES RICHARD
183	BUCCILLI DANIELLE
185	MAJEROWSKI TIMOTHY
186	FUNDALINSKI JASON A
192	SUCHAN FRED F
194	SKINNER DEBORAH J WIFE
198	TONTON GROUP LLC

HAZARD EVALUATIONS, INC.

Phase I/II Audits – Site Investigations – Facility Inspections

SITE BASE MAP

155 and 157 CHANDLER STREET
BUFFALO, NEW YORK

R & M LEASING LLC

BUFFALO, NEW YORK

DRAWN BY: MMW	SCALE: 1" = 60'	PROJECT: e1601
CHECKED BY:	DATE: 10/16	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 155 and 157 CHANDLER STREET BUFFALO, NEW YORK		
R & M LEASING LLC BUFFALO, NEW YORK		
DRAWN BY: MMW	SCALE: NOT TO SCALE	PROJECT: e1601
CHECKED BY:	DATE: 10/16	FIGURE NO: IV-E

Property Description Narrative

Location – The site is addressed as 155-157 Chandler Street in the City of Buffalo, Erie County, New York and consists of two contiguous parcels totaling approximately 2.37 acres of land. The site is bound to the north by Chandler Street, to the west by Manton Place, and to the south by Grote Street. The property is located within an urban area, utilized for industrial, commercial, and residential purposes.

Site Features – The 155 Chandler parcel is improved with one 65,000 square foot building which surrounds a large 22,000 square foot brick and gravel courtyard. Various debris, fill, roofing and soil piles are present throughout the courtyard area as well as over 70% of the building. 157 Chandler parcel is vacant gravel lot which is overgrown and contains several fill/debris piles.

Current Zoning and Land Use – Over 70% of the building is vacant and inactive. Weatherpanel, Inc. is located in the southern portion of the building, which is utilized for warehousing. 155 Chandler Street is currently zoned "manufacture". 157 Chandler is currently zoned as "vacant commercial." Adjacent and surrounding properties are zoned "residential", "vacant commercial", and "manufacture".

Past Uses of the Site – The structure was originally constructed in 1907 and utilized as a factory occupied by Linde Air Products until the early 1950s. Bell Aircraft Corp. was located at the site in the early/mid 1950s. In 1958, the building was purchased by Donald Rosen and utilized the property for G & R Machinery (machine shop) from approximately 1959 through at least the 1990s. The property was owned by Donald Rosen from 1958 through 1990, and by Irving Rosen from 1990 through 2005. The site was purchased by Ontario Equipment Co. in 2005 and currently retains the property. Prior uses that appear to have led to site contamination including machining, gas manufacturing, and manufacturing.

Prior remedial measures have not been completed at the site. Two NYSDEC Spills were identified, as summarized below:

- Spill #9209547 – Spill identified on 11/01/1992 – Mr. Rosen (property owner at that time) was reportedly accepting oil and copper to burn inside the factory occupied by G & R Machinery. NYSDEC representative walked the perimeter in January 1993 and did not identify a problem. The site was re-inspected in February 1993 including the building and court yard. No problem was identified. No evidence of waste oil storage or burning of copper wire. Several bins of stripped wire and insulation were present. The spill was closed on 02/04/1993.

- Spill #9315395 – Spill identified on 03/29/1994 and listed as G&R Machine. Leaking cylinders were reported at machine shop, identified as hydrogen sulfide. NYSDEC meet with EPA, Buffalo Fire Safety, and consultants. Monitored around cylinders and mothering was found. Unclear of cleanup was to be done by DEC or City of Buffalo. As of May 1994, no further involvement with spills. Buffalo Fire Department was to send enforcement action to responsible party (owner). City did not request EPA interaction. No further action required and the spill was closed on 10/06/1994.

During due diligence prior to property purchase, Hazard Evaluations Inc. completed a limited Phase II investigation for R&M Leasing LLC at the property in September of 2016. The work included completion of 23 soil borings and collection of soil and groundwater samples, which is included in Section III.

Site Geology and Hydrogeology – Based on the soil borings completed, approximately 2 to 4 feet of granular and cohesive fill material is present throughout the site. Silty clay was encountered below the fill material, which extended the depth drilled to 12 feet. A perched groundwater condition was present at the fill/native interceptor at two locations, generally at three to four feet below ground surface. Groundwater was not encountered within the silty clay.

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 0.35 miles south and toward the Niagara River located approximately 1.25 miles west of the Site.

Environmental Assessment – Based on the investigation completed in September 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 cadmium, chromium, mercury, and lead; and trichloroethene in the groundwater.

Soil – The contamination at the site is primarily due to fill which varies from 1 to 4 feet below ground surface. SVOCs (PAHs) and metals were encountered in the soil samples collected from fill areas of the courtyard and vacant parcel at concentrations exceeding restricted residential soil cleanup objectives (RRSCO). The concentrations of the PAHs were up to 1.6 ppm benzo(a)pyrene (RRSCO - 1ppm); 6.58 ppm benzo(b)fluoranthene (RRSCO – 1ppm); 0.87 ppm dibenzo(a,h)anthracene (RRSCO - .330 ppm); and 4.59 ppm indeno(1,2,3-cd)pyrene (RRSCO - 500ppb). The concentrations of the metals were up to 54.3 ppm cadmium (RRSCO – 4.3 ppm); 415 ppm chromium (RRSCO – 180 ppm); 6,280 ppm lead (RRSCO – 400 ppm); and 3.6 mercury (RRSCO – 0.81 ppm).

Groundwater – TCE was identified in the two perched groundwater samples at concentrations of 9.7 ppb and 19.9 ppb, which slightly exceeds groundwater standard of 5 ppb. The perched groundwater was located in the northern portion of the courtyard and southwest area of the building.

Section V

Additional Requestor Information

Requestor's Relationships

The Requestor is not the current owner, but potential purchaser. A contract to purchase has been established with estimated closing in November 2016. The current owner has provided letter allowing full access to the property. There is no relationship between the Requestor, corporate members, and the current owner.

Past owners and relationship with owner:

155 Chandler, Buffalo, New York

Grantee	Grantor	Date	Last known address/phone	Relationship to Requestor
Ontario Equipment Co	Irving T. Rosen	06/10/2005	155 Chandler Buffalo, NY 14207	None
Irving T. Rosen	Will of Donald Rosen	01/30/1990	Unknown	None
Donald L. Rosen	The United States of America	12/11/1958	Unknown	None
The United States of America	The Linde Air Products Company	12/22/1948	Unknown	None
Linde Air Products Company	Mary L. Rice	09/02/1915	Unknown	None
Linde Air Products Company	Etta C. Pickering, Lorenzo C. Close, Shirley C. Wilkinson	09/02/1915	Unknown	None
Linde Air Products Company	Edward G. Felthousen and Caroline m. Falthousen	01/26/1914	Unknown	None
Linde Air Products Company of Ohio	John J. Henry	06/07/1907	Unknown	None

157 Chandler, Buffalo, New York

Grantee	Grantor	Date	Last known address/phone	Relationship to Requestor
Ontario Equipment Co	Barcalo Manufacturing Company	06/15/1965	155 Chandler Buffalo, NY 14207	None
Barcalo Manufacturing Company	Chandler Industries, Inc.	05/01/1947	Unknown	None
Chandler Industries, Inc.	Sponge-Aire Seat Company, Inc.	12/11/1945	Unknown	None
Sponge-Aire Seat Company, Inc.	Buffalo Weaving & Belting Co.	02/24/1943	Unknown	None
Buffalo Weaving and Belting Company	Frank M. Teptau and Amelia S. Teptau	11/14/1916	Unknown	None

CHICAGO TITLE INSURANCE COMPANY

INVOICE

RE: 155 Chandler Street
Buffalo, NY
Ontario Equipment Co Inc.

County: Erie

Order Number: 1613-04464
Invoice Date: 11/4/2016
Order Date: 10/4/2016

To:
Craig A. Slater
Slater Law Firm
500 Seneca Street
Suite 504
Buffalo, NY 14204

From:
Chicago Title Insurance Services, LLC
424 Main Street, Suite 200
Buffalo, NY 14202

Description	Acct Code	Amt	Qty	Total
Full Search	5500	$1,200.00	1	$1,200.00

Notes:

Total	**$1,200.00**

Please Remit To:

Chicago Title Insurance Services, LLC
424 Main Street, Suite 200
Buffalo, NY 14202
716-854-2982

Thank you!

CHICAGO TITLE INSURANCE COMPANY
424 MAIN STREET, SUITE 200,B UFFALO, NY 14202 PHONE: 716-854-2982F AX:716-852-7346
www.NNYChicagoTitle.com

TAX SEARCH

SEARCH No. 1613-04464

TITLE INSURANCE NO.: _____

Property Information

CITY OF BUFFALO

306.76' x 280' E cor Manton

SBL Number: 77.84-1-4

ASSESSED VALUE: $150,000.00

Chicago Title Insurance Company, a Nebraska corporation, for valuable consideration to it paid, hereby guarantees to the record owners and successors in interest of record, that there are no STATE TAX SALES, CITY OR COUNTY TAXES, LOCAL ASSESSMENTS or TAX SALES for taxes, now payable, levied and assessed against the real estate described as above on the tax rolls of the City of Buffalo or County of Erie, (Sewer Rents based on water consumption of water charges not included), except as follows:

Date of Sale	For What Tax or Tax Sale	Number of Roll	Name of Purchaser	Amount of Tax Sale/Remarks
NO SEARCH IS MADE FOR OCCUPANCY TAXES OR USER FEES FOR REFUSE PICKUP				
2015	City Tax 2014		City of Buffalo	$6,128.28
	Buffalo Sewer Authority 2014			$367.36
2016	City Tax 2015		City of Buffalo	$5,145.58
	Buffalo Sewer Authority 2015			$309.51
	City Tax 2016			$2,025.68
	Buffalo Sewer Authority 2016			$252.93
	County Tax 2007	77.84-1-4		$692.25
	County Tax 2008	77.84-1-4		$2,994.91
	County Tax 2009	77.84-1-4		$2,799.65
	County Tax 2010	77.84-1-4		$2,688.93
	County Tax 2011	77.84-1-4		$1,804.62
	County Tax 2012	77.84-1-4		$1,669.10
	County Tax 2013	77.84-1-4		$1,482.55
	County Tax 2014	77.84-1-4		$1,294.86
	County Tax 2015	77.84-1-4		$1,133.82

Chicago Title Insurance Company

CHICAGO TITLE INSURANCE COMPANY CORPORATE SEAL

By: _____

Dated: October 4, 2016
KF

County Tax 2016	77.84-1-4	$153.25

Add Interest Etc.

Chicago Title Insurance Company

424 Main Street, Suite 200, Buffalo, NY 14202
www.NNYChicagoTitle.com

Search No.: 1613-04464

Chicago Title Insurance Company, a Nebraska Corporation, for valuable consideration to it paid, GUARANTEES to the record owners of an interest in or a specific lien upon the premises particularly described **below** on the date hereof and their successors in interest of record, that the SET-OUTS designated herein by margin numbers **One to 21** inclusive, are all the references affecting title to said premises, which appear upon

(a) INDICES to records, papers, files and documents in the office of the CLERK of the COUNTY wherein said premises are situate, and

(b) INDICES to wills and administration of decedent's estates in the office of the SURROGATE of the COUNTY wherein the premises are situate, and

(c) INDICES to bankrupts in the office of CLERK of the UNITED STATES BANKRUPTCY COURT for the WESTERN DISTRICT OF NEW YORK

against the names of the parties appearing in the within abstract during the periods in which it appears there was a record interest in said premises under said names from **June 7, 1907 as to Liber 1065 of Deeds page 534; January 26, 1914 as to Liber 1343 of Deeds page 89 and September 2, 1915 as to Liber 1334 of Deeds page 566 and Liber 1336 of Deeds page 265** to the date hereof, and upon

(d) JUDGMENT DOCKETS for ten years last past, and

(e) DOCKETS of FEDERAL TAX LIENS for ten years and thirty days last past

(f) DOCKETS of FEDERAL ABSTRACTS OF JUDGMENTS for twenty years last past

against the names of the parties in such ownership in the office of the Clerk of the County wherein said premises are situate and the corporation GUARANTEES FURTHER that the SETOUTS HEREIN are correct statements as to such records and indices.

(g) Inactive Hazardous Waste Disposal Site Registry Index maintained in the County Clerk's Office for the County in which the Subject Premises is located against the tax map parcel number of the section, block and lot number of the Subject Premises.

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

Dated this **October 21, 2016** and executed under seal.

Chicago Title Insurance Company

By _____
Authorized Signature

CHICAGO TITLE INSURANCE COMPANY CORPORATE SEAL

CERT

CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04464

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 as shown on a map filed in the Erie County Clerk's Office under Cover No. 196 is known as Subdivision Lot Nos. 1 to 10 inclusive and Subdivision Lot Nos. 23 to 32 inclusive in Block "I", described as follows:-

Beginning at the intersection of the southerly line of Chandler Street and the easterly line of Manton Place, said point of beginning being also the northwesterly corner of Lot No. 1 in above referred to subdivision; running thence southerly along the easterly line of Manton Place a distance of 280 feet to the northerly line of Grote Street, which point is also the southwesterly corner of Lot No. 23 in the above referred to subdivision; thence easterly along the northerly line of Grote Street 303.16 feet more or less to the easterly line of Lot No. 32 in said subdivision, which point is also the southwesterly corner of lands owned by Anthony Young and Caroline Young, his wife; thence northerly along the easterly line of Lot Nos. 32 and 10, being also along the westerly line of lands of Anthony Young and wife and lands of Barcola Manufacturing Company a distance of 280 feet more or less to the southerly line of Chandler Street, said point being also the northeasterly corner of Lot No. 10 and the northwesterly corner of lands of Barcola Manufacturing Company; thence westerly along the southerly side of Chandler Street a distance of 306.70 feet more or less to the easterly line of Manton Place, the point or place of beginning

A8-51-1-11&20-31

CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04464

1. John J. Henry,
unmarried
NO SEARCH VS GRANTOR

-to-

The Linde Air Products
Company of Ohio

Warranty Deed
Dated: June 7, 1907
Ack.: June 8, 1907
Rec.: June 14, 1907
Liber 1065 of Deeds page 534
Consideration: $1.00

Conveys the following described premises:- Beginning in Block "I" in the southerly line of Chandler Street at the intersection of the easterly line of the proposed street (now known as Manton Place) between Blocks "H" and "I" as shown on Babcock map filed under Cover No. 196; running thence easterly along said southerly line of Chandler Street 270 feet to the easterly line of Subdivision Lot No. 9 as shown on said map; thence southerly at right angles 280 feet to the northerly line of Grote Street; thence westerly along said northerly line of Grote Street 270 feet to the easterly line of said proposed street and thence at right angles northerly along said easterly line of said proposed street 280 feet to the place of beginning, comprising Subdivision Lot Nos. 1 to 9 inclusive and 23 to 31 inclusive
Also conveys part of Lot No. 88, Black Rock, described as follows:- Beginning at a point in the southerly line of Chandler Street distant 747.38 feet easterly from the intersection of said southerly line of Chandler Street with the Reservation line as shown on the copy of the map on file in Erie County Clerk's Office by C.E.P. Babcock dated August 17, 1887 and filed on December 27, 1887 under Cover No. 196; running thence easterly along said southerly line of Chandler Street 36 feet; thence southerly at right angles 280 feet to the northerly line of Grote Street as shown on said map; thence westerly along said northerly line of Grote Street 30 feet and thence northerly at right angles 280 feet to the said southerly line of Chandler Street at the place of beginning, being part of Subdivision Lot Nos. 10 and 32 in Block "I" as shown on said map

---

2. Edward G. Felthousen and
Caroline M. Felthousen,
his wife
NO SEARCH VS GRANTORS

-to-

Linde Air Products Company

Quit Claim Deed
Dated: January 26, 1914
Ack.: January 26, 1914
Rec.: December 1, 1915
Liber 1343 of Deeds page 89
Consideration: $1.00

Conveys the following described premises:- Beginning at a point on the southerly side of Chandler Street at the intersection of the property of the party of the first part and the property the party of the second part and distant 300 feet from the southeast corner of Chandler Street and Manton Place; running thence southerly along the line of the lands of the party of the second part to Grote Street; running thence easterly along the northerly side of Grote Street 3,16 feet more or less to the lands now or formerly of James A. Garfield; thence running northerly along the line of said lands of James A. Garfield and the lands of the Buffalo Weaving and Belting Company to Chandler Street and running

thence westerly along the southerly side of Chandler Street 6.70 feet more or less to the point or place of beginning

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3. Etta C. Pickering formerly Etta C. Close, Lorenzo C. Close, Shirley C. Wilkinson formerly Shirley C. Close
NO SEARCH VS GRANTORS

-to-

Linde Air Products Company

Quit Claim Deed
Dated: September 2, 1915
Ack.: September 20, 1915
Rec.: December 1, 1915
Liber 1334 of Deeds page 566
Consideration: $1.00

Conveys same premises as described in a deed recorded in liber 1343 of Deeds at page 89

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4. Mary L. Rice, individually and as executrix of the last will and testament of Edward R. Rice, deceased
NO SEARCH VS GRANTOR

-to-

Linde Air Products Company

Warranty Deed
Dated: September 2, 1915
Ack.: November 8, 1915
Rec.: December 1, 1915
Liber 1336 of Deeds page 265
Consideration: $1.00

Conveys same premises as described in a deed recorded in liber 1343 of Deeds at page 89
Recites it being intended hereby to convey to second party all the land lying between the lands of Buffalo Weaving & Belting Company and the lands owned by second party

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NOTE: We find no Certificate of Incorporation for Linde Air Products Company on record

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5. The Linde Air Products Company

-to-

The United States of America

Warranty Deed
Dated: December 22, 1948
Ack.: December 22, 1948
Rec.: December 24, 1948
Liber 4453 of Deeds page 544
Consideration: $1.00

Conveys premises

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6. The United States of America acting by and through the Administrator of General Services under and pur-

Quit Claim Deed
Dated: December 11, 1958
Ack.: December 11, 1958
Rec.: December 15, 1958

	suant to the powers and authority contained in the Federal Property and Administrative Services Act of 1949 (63 STAT.377) as amended and regulations and orders promulgated thereunder -to- Donald L. Rosen Conveys premises	Liber 6373 of Deeds page 183 Consideration: $100.00 and more
7.	In the matter of Foreclosure of Tax Liens pursuant to Chapter 724 of the Laws of New York 1973 by the City of Buffalo affecting real property located in District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 21 Serial No. 1036 Filed: March 19, 1987 Lists 155 Chandler, east cor Manton to Grote 303.16 ON 306.76x280 south side
8.	Will -of- Donald L. Rosen Case No. 1988-0709	Will Dated: October 15, 1988 Probated: February 19, 1988 in Erie County Surrogate's Court

Directs all just debts and funeral expenses be paid. Makes personal bequests. Directs his executors to offer to his brother, Irving Rosen the opportunity to lease property commonly known as 155 Chandler Street, Buffalo, New York and an opportunity to purchase said property within 5 years. All rest, residue and remainder of his estate real and personal he gives, devises and bequeaths to his trustee hereinafter named, in trust, for the benefit of his wife, Jessie D. Rosen, during her lifetime and upon her death directs the remaining principal of said trust to be divided in equal shares so that there shall be one such share for each child of his living at the time of his death and one such share for the aggregate issue of any child of his who dies prior to such division and shall have issue them surviving
Appoints his wife, Jessie D. Rosen, Mort J. Weintraub and Philip Brody, executors
Appoints Mort J. Weintraub and Philip Brody Trustees of the trust herein created. Said executors and trustees to have full power of sale
Codicil dated June 29, 1987 revokes the above appointments of executors and trustees and appoints Arnold Weiss sole executor and trustee
Petition for Probate filed February 19, 1988 recites decedent died on January 26, 1988 leaving him surviving Jessie D. Rosen, spouse and Alanna Rosen, daughter, both of full age
Letters Testamentary and Letters of Trusteeship issued to Arnold Weiss February 19, 1988

9.	Arnold Weiss, as executor of the last will and test-	Executor's Deed Dated: January 30, 1990

	ament of Donald L. Rosen, deceased -to- Irving T. Rosen Conveys premises and more	Ack.: January 30, 1990 Rec.: February 7, 1990 Liber 10137 of Deeds page 652 Consideration: $100,000.00
10.	In the Matter of Foreclosure of Tax Liens by Proceedings In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 33 Serial No. 2902 Filed: February 11, 1999 Lists 155 Chandler east cor Manton to Grote 303.16 ON 00306x00280
11.	In the Matter of Foreclosure of Tax Liens by Proceedings In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 34 Serial No. 1778 Filed: February 14, 2000 Lists 155 Chandler east cor Manton to Grote 303.16 ON 00306x00280
12.	In the Matter of Foreclosure of Tax Liens by Proceeding In Rem pursuant to Article Eleven of the Real Property	County Court Erie County In Rem Action No. 35 Serial No. 1658 Filed: February 21, 2001

	Tax Law by the City of Buffalo affecting District Nos. 1 through 14, inclusive	Lists 155 Chandler east cor Manton to Grote 303.16 ON 00306x00280
13.	In the Matter of Foreclosure of Tax Liens by Proceedings In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 36 Serial No. 2198 Filed: February 28, 2002 Lists 155 Chandler east cor Manton to Grote 303.16 ON 00306x00280
14.	Irving T. Rosen -to- Ontario Equipment Company, Inc. Conveys premises	Quit Claim Deed Dated: June 10, 2005 Ack.: June 10, 2005 Rec.: July 15, 2005 Liber 11098 of Deeds page 859 Consideration: $1.00 and no more
15.	In re Ontario Equipment Co., Inc. Case No. 37308	Certified Copy of Certificate of Incorporation Dated: March 7, 1961 Filed: March 24, 1961
16.	In the Matter of Foreclosure of Tax; User Fees; Sewer and Water Charge Liens by Proceeding In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo Water Board and the Buffalo Sewer Authority affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 41 Serial No. 2347 Filed: February 9, 2007 Lists 155 Chandler 0000307x 0000280 East Cor Manton to Grote 303.16 ON
17.	In the Matter of Foreclosure of Tax; User Fees; Sewer and Water Charge Liens by Proceeding In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo Water Board and the Buffalo Sewer Authority affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 43 Serial No. 3029 Filed: February 20, 2009 Lists 155 Chandler 0000307x 0000280 East Cor Manton to Grote 303.16 ON

CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04464

18.	New York State Dept. of Taxation & Finance Civil Enforcement POB 5149 Albany, NY 12205-5149 -vs- Ontario Equipment Co., Inc. 155 Chandler St. Buffalo, NY 14207-2427	Warrant Amount $1,150.52 September 14, 2011 Q240 1744 Control #2011185072

NOTE: No search is made against the judgment creditor in No. 18 above

19.	In the Matter of Foreclosure of Tax; User Fees and Sewer Rent Liens, by Proceeding In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo and the Buffalo Sewer Authority affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 46 Serial No. 1041 Filed February 17, 2012 Lists 155 Chandler 0000307x 0000280, East Cor Manton to Grote 303.16 ON
20.	In the Matter of Foreclosure of Tax User Fees and Sewer Rent Liens by Proceeding In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo and the Buffalo Sewer Authority affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 48 Serial No. 1892 Filed: February 25, 2014 Lists 155 Chandler 306.76x 280.00 East Cor Manton to Grote 303.16 ON
21.	In the Matter of Foreclosure of Tax; User Fees and Sewer Rent Liens, by Proceeding In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo and the Buffalo Sewer Authority affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 50 Serial No. 2190 Filed February 19,2016 Lists 155 Chandler 306.76x 280.00 East Cor Manton to Grote 303.16 ON

CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04464

KLW
October 21, 2016
DPJ

CHICAGO TITLE INSURANCE COMPANY

INVOICE

RE: 157 Chandler Street
Buffalo, NY
Ontario Equipment Co Inc.

County: Erie

Order Number: 1613-04463
Invoice Date: 11/4/2016
Order Date: 10/4/2016

To:
Craig A. Slater
Slater Law Firm
500 Seneca Street
Suite 504
~~Buffalo, NY 14204~~

From:
Chicago Title Insurance Services, LLC
424 Main Street, Suite 200
Buffalo, NY 14202

Description	Acct Code	Amt	Qty	Total
Full Search	5500	$1,200.00	1	$1,200.00

Notes:

Total	**$1,200.00**

Please Remit To:

Chicago Title Insurance Services, LLC
424 Main Street, Suite 200
Buffalo, NY 14202
716-854-2982

Thank you!

CHICAGO TITLE INSURANCE COMPANY
424 MAIN STREET, SUITE 200,B UFFALO, NY 14202 PHONE: 716-854-2982F AX:716-852-7346
www.NNYChicagoTitle.com

TAX SEARCH

SEARCH No. 1613-04463

TITLE INSURANCE NO.: _____

Property Information

CITY OF BUFFALO

120.48' x 140' (#157) Chandler 271.73' W Bridgeman

SBL Number: 77.84-1-5

ASSESSED VALUE: $7,600.00

Chicago Title Insurance Company, a Nebraska corporation, for valuable consideration to it paid, hereby guarantees to the record owners and successors in interest of record, that there are no STATE TAX SALES, CITY OR COUNTY TAXES, LOCAL ASSESSMENTS or TAX SALES for taxes, now payable, levied and assessed against the real estate described as above on the tax rolls of the City of Buffalo or County of Erie, (Sewer Rents based on water consumption of water charges not included), except as follows:

Date of Sale	For What Tax or Tax Sale	Number of Roll	Name of Purchaser	Amount of Tax Sale/Remarks

NO SEARCH IS MADE FOR OCCUPANCY TAXES OR USER FEES FOR REFUSE PICKUP

2015	City Tax 2014		City of Buffalo	$319.99
	Buffalo Sewer Authority 2014			$18.62
2016	City Tax 2015			$270.20
	Buffalo Sewer Authority 2015			$15.69
	City Tax 2016			$212.97
	Buffalo Sewer Authority 2016			$12.81
	County Tax 2007	77.84-1-5		$122.20
	County Tax 2008	77.84-1-5		$115.93
	County Tax 2009	77.84-1-5		$108.50
	County Tax 2010	77.84-1-5		$104.29
	County Tax 2011	77.84-1-5		$93.51
	County Tax 2012	77.84-1-5		$86.66
	County Tax 2013	77.84-1-5		$77.21
	County Tax 2014	77.84-1-5		$67.69

Chicago Title Insurance Company

CHICAGO TITLE INSURANCE COMPANY CORPORATE SEAL

By: _____

Dated: October 4, 2016
KF

County Tax 2015	77.84-1-5	$59.53
County Tax 2016	77.84-1-5	$54.97

Add Interest Etc.

Chicago Title Insurance Company

424 Main Street, Suite 200, Buffalo, NY 14202
www.NNYChicagoTitle.com

Search No.: 1613-04463

Chicago Title Insurance Company, a Nebraska Corporation, for valuable consideration to it paid, GUARANTEES to the record owners of an interest in or a specific lien upon the premises particularly described **below** on the date hereof and their successors in interest of record, that the SET-OUTS designated herein by margin numbers **One to 23** inclusive, are all the references affecting title to said premises, which appear upon

(a) INDICES to records, papers, files and documents in the office of the CLERK of the COUNTY wherein said premises are situate, and

(b) INDICES to wills and administration of decedent's estates in the office of the SURROGATE of the COUNTY wherein the premises are situate, and

(c) INDICES to bankrupts in the office of CLERK of the UNITED STATES BANKRUPTCY COURT for the WESTERN DISTRICT OF NEW YORK

against the names of the parties appearing in the within abstract during the periods in which it appears there was a record interest in said premises under said names from **November 14, 1912** to the date hereof, and upon

(d) JUDGMENT DOCKETS for ten years last past, and

(e) DOCKETS of FEDERAL TAX LIENS for ten years and thirty days last past

(f) DOCKETS of FEDERAL ABSTRACTS OF JUDGMENTS for twenty years last past

against the names of the parties in such ownership in the office of the Clerk of the County wherein said premises are situate and the corporation GUARANTEES FURTHER that the SETOUTS HEREIN are correct statements as to such records and indices.

(g) Inactive Hazardous Waste Disposal Site Registry Index maintained in the County Clerk's Office for the County in which the Subject Premises is located against the tax map parcel number of the section, block and lot number of the Subject Premises.

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

Dated this **October 21, 2016** and executed under seal.

Chicago Title Insurance Company

By _____
Authorized Signature

CHICAGO TITLE INSURANCE COMPANY CORPORATE SEAL

CERT

CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04463

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 228 is known as Subdivision Lot Nos. 16,17, 18 and the westerly part of Subdivision Lot No 19 in Block "I", described as follows:-

Beginning at a point in the southerly line of Chandler Street 392.21 feet west of its intersection with the westerly line of Bridgeman Street which point of beginning is the northwesterly corner of Subdivision Lot No 16; running thence easterly along the southerly line of Chandler Street 120.48 feet; thence southerly and parallel with the westerly line of Bridgeman Street 140 feet; thence westerly and parallel with Chandler Street and along the southerly line of Subdivision Lot Nos. 16, 17, 18 and 19, 120.48 feet to the southwesterly corner of Subdivision Lot No. 16; and thence northerly and along the westerly line of Subdivision Lot No 16, 140 feet to the southerly line of Chandler Street at the point or place of beginning

A8-51-12-15 incl

CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04463

1.	Frank M. Teptau and Amelia S. Teptau, his wife NO SEARCH VS GRANTORS -to- Buffalo Weaving and Belting Company Conveys premises and more	Warranty Deed Dated: November 14, 1912 Ack.: November 16, 1912 Rec.: November 21, 1912 Liber 1226 of Deeds page 445 Consideration: $1.00
2.	In re Buffalo Weaving & Belting Company Case No. 2318	Certificate of Incorporation Dated: May 2, 1903 Rec: May 4, 1903 Liber 16 of Certificates of Incorporation page 33
3.	Buffalo Weaving & Belting Co. -to- Sponge-Aire Seat Company, Inc. Conveys premises	Warranty Deed Dated: February 24, 1943 Ack.: February 24, 1943 Rec.: February 24, 1943 Liber 3353 of Deeds page 133 Consideration: $1.00 and more
4.	In re Sponge-Aire Seat Company, Inc. Case No. 19329	Certified Copy of Certificate of Incorporation Dated: December 7, 1931 Filed: December 11, 1931
5.	Sponge-Aire Seat Company, Inc. -to- Chandler Industries, Inc. Conveys premises and more, subject to a mortgage recorded in liber 3222 of Mortgages at page 311, since discharged	Warranty Deed Dated: December 11, 1945 Ack.: December 11, 1945 Rec.: December 13, 1945 Liber 3807 of Deeds page 348 Consideration: $1.00 and no more
6.	In re Chandler Industries, Inc. Case No. 24340	Certified Copy of Certificate of Incorporation Dated: November 28, 1945

SEARCH NO. 1613-04463

Filed: December 6, 1945

7.	Sponge-Aire Seat Company, Inc. NO SEARCH VS GRANTOR -to- Chandler Industries, Inc.	Warranty Deed Dated: December 11, 1945 Ack.: April 30, 1947 Rec.: May 1, 1947 Liber 4104 of Deeds page 406 Consideration: $1.00 and more

Conveys premises and more
Recites this deed is supplemental to a certain warranty deed between the same parties hereto recorded in liber 3807 of Deeds at page 348 in which deed the consideration for the conveyance was inadvertently omitted

8.	Chandler Industries, Inc. -to- Barcalo Manufacturing Company	Warranty Deed Dated: May 1, 1947 Ack.: May 1, 1947 Rec.: May 1, 1947 Liber 4104 of Deeds page 402 Consideration: $1.00 and more

Conveys premises and more

9.	In re Barcalo and Boll Manufacturing Company	Certificate of Incorporation Dated: March 25, 1896 Rec: April 14, 1896 Liber 9 of Certificates of Incorporation page 10

10.	In the matter of Barcalo and Boll Manufacturing Company for authority to change its name to Barcalo Manufacturing Company	Supreme Court Erie County Order granted: May 22, 1903 Recorded: May 22, 1903 Liber 16 of Certificates of Incorporation page 85

Whereby it is ordered that Barcalo and Boll Manufacturing Company be and it is hereby authorized to assume another corporate name to wit:- The name Barcalo Manufacturing Company on and after June 25, 1903

11.	In re Barcalo Manufacturing Company	Certificate of Extension Dated: November 14, 1919 Rec: December 6, 1919 Liber 46 of Certificates of Incorporation page 39

12.	In re	Amended Certificate of

SEARCH NO. 1613-04463

Barcalo Manufacturing Company	Incorporation Dated: December 2, 1919 Rec: December 8, 1919 Liber 46 of Certificates of Incorporation page 47

Amends purposes for which said corporation was organized

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13. In re Barcalo Manufacturing Company	Alteraction of Certificate of Incorporation Dated: January 8, 1920 Rec: January 10, 1920 Liber 49 of Certificates of Incorporation page 499

Extends purposes, powers and provisions

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14. In re Barcalo Manufacturing Company	Certified Copy of Certificate of Dissolution Dated: February 4, 1965 Filed: March 2, 1965

Certifies that the corporation hereby elects to dissolve

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15. Barcalo Manufacturing Company -to- Ontario Equipment Company, Inc.	Warranty Deed Dated: June 15, 1965 Ack.: June 15, 1965 Rec.: June 15, 1965 Liber 7118 of Deeds page 491 Consideration: $1.00

Conveys premises and more
Recites the within instrument is executed and delivered in the ordinary course of adjusting and winding up the business and affairs of Barcalo Manufacturing Company upon the dissolution thereof

16.	In re Ontario Equipment Co., Inc. Case No. 37308	Certified Copy of Certificate of Incorporation Dated: March 7, 1961 Filed: March 24, 1961
17.	In the Matter of Foreclosure of Tax Liens by Proceedings In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 33 Serial No. 2903 Filed: February 11, 1999 Lists 157 Chandler 271.73 W Bridgeman 00120x00140
18.	In the Matter of Foreclosure of Tax Liens by Proceedings In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 34 Serial No. 1779 Filed: February 14, 2000 Lists 157 Chandler 271.73 W Bridgeman 00120x00140
19.	In the Matter of Foreclosure of Tax; User Fees; Sewer and Water Charge Liens by Proceeding In Rem pursuant to Article Eleven of the Real Property Tax Law by the City Buffalo, the City of Buffalo Water Board and the Buffalo Sewer Authority affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 43 Serial No. 3030 Filed: February 20, 2009 Lists 157 Chandler 0000120x 0000140, 271.73 W Bridgeman
20.	In the Matter of Foreclosure of Tax, User Fees and Sewer Liens by Proceeding In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo and the Buffalo Sewer Authority affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 45 Serial No. 2503 Filed: January 21, 2011 Lists 157 Chandler 0000120x 0000140, 271.73 W Bridgeman

CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04463

21.	New York State Dept. of Taxation & Finance Civil Enforcement POB 5149 Albany, NY 12205-5149 -vs- Ontario Equipment Co., Inc. 155 Chandler St. Buffalo, NY 14207-2427	Warrant Amount $1,150.52 September 14, 2011 Q240 1744 Control #2011185072

NOTE: No search is made against the judgment creditor in No. 21 above

22.	In the matter of foreclosure of Tax; User Fees and Sewer Rent Liens by Proceeding In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo and the Buffalo Sewer Authority affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 47 Serial No. 1928 Filed: February 22, 2013 Lists 157 Chandler 0000120x 0000140, 271.73 W Bridgeman
23.	In the Matter of Foreclosure of Tax User Fees and Sewer Rent Liens by Proceeding In Rem pursuant to Article Eleven of the Real Property Tax Law by the City of Buffalo and the Buffalo Sewer Authority affecting District Nos. 1 through 14, inclusive	County Court Erie County In Rem Action No. 48 Serial No. 1893 Filed: February 25, 2014 Lists 157 Chandler 120.48x140.00 271.73 W Bridgeman

CHICAGO TITLE INSURANCE COMPANY

SEARCH NO. 1613-04463

KLW
October 21, 2016
DPJ

Section VII

Requestor Eligibility Information

11. Unregistered Bulk Storage Tanks – Historical records identified installation of tanks as listed below:

- November 30, 1953 – 10,000-gallon #6 bunker oil tank installed within "bricked in enclosure abutting boiler room basement area" for Bell Aircraft Corp. Tank was identified as 6 feet above ground and 4 feet underground. No record of tank removal or registration identified.

- April 30, 1959 – 2,000-gallon gas tank installed for J&R Machine Co. Figure with permit application identified tank within courtyard area. Site visit identified possible vent pipe in area. No record of tank removal or registration identified.

Volunteer – R&M Leasing LLC should be considered a Volunteer to the BCP. R&M Leasing LLC is not the current owner, and has not owned nor operated the subject site, and therefore does not have responsibility for the contamination present at the site. R&M Leasing LLC is a potential purchaser with plan for full site redevelopment.

Signature Development WNY LLC should be considered a Volunteer to the BCP. Signature Development WNY LLC is not the current owner, and has not owned nor operated the subject site, and therefore does not have responsibility for the contamination present at the site. Signature Development WNY LLC is a potential purchaser with plan for full site redevelopment.

Proof of Site Access

Purchase contract attached. Additionally, letter from current owner to Requestor allowing access throughout the BCP project

155-157 CHANDLER STREET, BUFFALO, NEW YORK

CONSENT OF ONTARIO EQUIPMENT AUTHORIZING R&M LEASING LLC AND SIGNATURE DEVELOPMENT WNY LLC TO PARTICIPATE IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION BROWNFIELD CLEANUP PROGRAM

THE UNDERSIGNED, David Rosen, in his capacity as Owner of Ontario Equipment, current owner of the Pierce Arrow Business Center located at 155-157 Chandler Street (Tax parcel ID Nos. SBL 77.84-1-4 and SBL 77.84-1-5), encompassing 2.37 total acres in Buffalo, NY bounded by Manton Place to the West, Grote Street to the South and Chandler Street to the North (the "Site").

DOES HEREBY CERTIFY:

RESOLVED, that R&M Leasing LLC and Signature Development WNY LLC, as contract vendees, are hereby authorized to execute documentation, have physical access to and permission to conduct necessary environmental testing and remedial activities at the Site in furtherance of R&M Leasing LLC and Signature Development's participation in the New York State Department of Environmental Conservation Brownfield Cleanup Program.

IN WITNESS WHEREOF, the undersigned has hereto affixed the hand and seal of Ontario Equipment this 8 day of December, 2016.

Ontario Equipment

David Rosen
Ontario Equipment

Sworn to before me this
8th day of December, 2016.

Notary Public

NANCY CLARK
NOTARY PUBLIC-STATE OF NEW YORK
No. 01CL6308963
Qualified in Erie County
My Commission Expires August 04, 2018

R&M LEASING LLC

CONSENT OF SOLE MEMBER AUTHORIZING PARTICIPATION IN THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S BROWNFIELD CLEANUP PROGRAM

THE UNDERSIGNED, Rocco Termini, in his capacity as the Sole Member of R&M Leasing LLC.

DOES HEREBY CERTIFY:

RESOLVED, that Rocco Termini, is hereby authorized to execute documentation for R&M Leasing LLC's participation in the New York State Department of Conservation's Brownfield Cleanup Program in relation to the Pierce Arrow Business Center Project located at 155-157 Chandler Street (Tax parcel ID Nos. SBL 77.84-1-4 and SBL 77.84-1-5), encompassing 2.37 total acres in Buffalo, NY bounded by Manton Place to the West, Grote Street to the South and Chandler Street to the North.

IN WITNESS WHEREOF, the undersigned has hereto affixed the hand and seal of R&M Leasing LLC this 10 day of November, 2016.

R&M Leasing LLC

Rocco Termini, Sole Member of R&M Leasing LLC

Sworn to before me this
10th day of November, 2016.

Notary Public

Lani J Brandon
Notary Public - State of New York
Qualified in Erie County
Commission No. 02BR6335543
My Commission Expires 1/11/2020

CONTRACT OF SALE

THIS CONTRACT OF SALE is made as of this 4th day of October 2016 by and between ONTARIO EQUIPMENT CO., INC., a corporation formed under the laws of the State of New York, with offices at 155 Chandler Street, Buffalo, New York 14207-2405 ("Seller") and SIGNATURE DEVELOPMENT WNY, LLC, a New York Limited Liability Company, as agent for a corporation or limited liability company to be formed at the option of Signature Development WNY, LLC, with offices at 391 Washington Street, Suite 800, Buffalo, New York 14203-2108 ("Purchaser").

RECITAL:

Seller has agreed to sell and Purchaser has agreed to purchase, on the terms and conditions set forth in this Agreement, that certain parcel of real property commonly known as 155 – 157 Chandler Street, City of Buffalo, County of Erie, State of New York (SBL #77.84-1-4 and #77.84-1-5) ("Premises"). The foregoing property consists of two separate parcels adjacent to each other with one currently being used as a parking facility.

NOW, THEREFORE, for One Dollar ($1.00) and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, Seller and Purchaser agree as follows:

I. DEFINITIONS.

A. Agreement shall mean this Contract of Sale dated as of the 4th day of October 2016 between Seller and Purchaser.

B. Closing shall mean the closing of title to the Premises to be held at the time and place set forth in Section III. A. of this Agreement.

C. Closing Date. Closing Date shall be 55 days after the Effective Date; and if on a Saturday or Sunday, shall be scheduled on the following Monday in the afternoon.

D. Code shall mean the Internal Revenue Code of 1986 as amended.

E. Deed shall mean the Warranty Deed with Lien Covenant to be executed and delivered by Seller to Purchaser pursuant to Section IX. A. of this Agreement.

F. Down Payment shall mean a Ten Thousand Dollars ($10,000) deposit of immediately available funds or official bank check to be delivered by Purchaser to Escrow Agent designated herein as Purchaser's Attorney, John T. Agate, Esq., attorney and counselor at law, 4476 Main Street, Suite 201, Snyder, New York 14226-4465, on the Effective Date and to be held pursuant to the terms of this Agreement; and an additional deposit of Forty Thousand Dollars ($40,000) upon the satisfaction of the

Inspection Period, as well as waiver of contingencies set forth in Paragraph VIII, to be delivered by Purchaser to Escrow Agent as above.

G. Effective Date shall mean the date on which this Agreement is signed by both Seller and Purchaser and the Deposit has been delivered to the Escrow Agent pursuant to Section IV. A. 1. of this Agreement.

H. Governmental Authority shall mean any federal, state, local or foreign government, political subdivision, court, agency or other entity, body, organization or groups exercising any executive, legislative, judicial, quasi-judicial, regulatory or administrative function of government.

I. Improvements shall mean all buildings, improvements, structures and fixtures now situated on the Premises, including, but not limited to, those certain buildings, structures, and other improvements of every kind and nature (including all HVAC systems) presently situated on, in or under the Premises as depicted on the survey attached hereto as **Exhibit A** and dated the 21st day of September 2016, with amendments to include all encroachments, if any.

J. Inspection Date shall mean the forty-fifth (45th) day after the Effective Date.

K. Inspection Period shall mean the forty-five (45) day period running from the Effective Date.

L. Premises shall mean the Real Property and the Improvements and all equipment contained therein, a list of which will be provided to Purchaser at the time of execution of the within Agreement.

M. Purchase Price shall mean Five Hundred Ninety-one Thousand Dollars ($591,000) allocated among the Improvements, the Personal Property and the Real Property as set forth in **Exhibit B**. Seller shall provide to Purchaser a complete list of personal property, attached or unattached to the Premises, prior to the execution of the within contract by either party.

N. Real Property shall mean that certain parcel of real property designated and known as 155 and 157 Chandler Street, City of Buffalo, County of Erie, State of New York, bearing SBL numbers 77.84-1-4 and 77.84-1-5, and further described in **Exhibit C** attached hereto.

O. Survey shall mean a currently dated survey to be provided to Purchaser within twenty (20) days of the Effective Date.

P. Taking shall mean any taking or pending or threatened taking, in condemnation or under the right of eminent domain of the Premises or any portion thereof.

Q. Tenants shall mean the tenants currently leasing various portions of the improvements as of the Effective Date, all of whom have been provided with notices to vacate the Premises by Closing Date.

R. Title Search shall mean a fully guaranteed tax and title search prepared by a Title Company covering the Premises only, the first setout of which shall be pursuant to Erie County Bar Association Standards, the last of which shall be dated subsequent to the Effective Date, and, where not covered by a search, a local tax certificate.

II. PURCHASE AND SALE.

A. Subject to the terms and conditions set forth in this Agreement, Seller agrees to sell, convey, transfer and assign to Purchaser, and Purchaser agrees to purchase from Seller, all of Seller's right, title and interest in and to the Premises and to provide to Purchaser a full Warranty Deed with Lien Covenant.

III. CLOSING.

A. The Closing shall take place at the Erie County Clerk's Office on a date and time mutually agreed to by the parties.

IV. PAYMENT OF PURCHASE PRICE.

A. The Purchase Price shall be paid as follows:
   1. Upon execution of this Agreement, Purchaser shall pay the Deposit to Escrow Agent by wire transfer of immediately available funds or official bank check, to be held in accordance with the terms and conditions of this Agreement.
   2. After the satisfaction of the Inspection Period and waiver of contingency set forth in Paragraph VIII, the Purchaser shall deposit with the Escrow Agent an additional Deposit in the amount of Forty Thousand Dollars ($40,000).
   3. On the Closing Date, Purchaser will deliver the balance of the Purchase Price (as adjusted in accordance with this Agreement) by wire transfer of immediately available funds or official bank check drawn on a Federal Deposit Insurance Corporation insured depository institution and/or by way of a certified check or bank draft at the time of closing.

V. TITLE.

A. Within twenty (20) days of the Effective Date, Seller shall, at its sole cost and expense, order the Title Search and Survey.

B. Within thirty (30) days of the receipt of the Survey or Title Search, whichever is later, Purchaser shall give Seller written notice of any objections to title that render title to the Premises unmarketable. Within ten (10) days of its receipt of such notice from Purchaser, Seller shall either cure such title defects or obtain a commitment for fee title insurance at standard rates insuring the Purchaser against any conditions which

would make the title to Premises unmarketable. If Seller shall fail to effect such cure or obtain such commitment within such ten (10) day period, Purchaser may elect (1) to accept such title as Seller shall be able to convey; or (2) to cancel this Agreement by giving written notice to Seller and Escrow Agent, whereupon this Agreement shall be deemed to be terminated as of the date of such notice, and Escrow Agent shall immediately return the Deposit to Purchaser, and neither party shall have any further rights or claims against the other.

C. At Closing, Seller shall pay for the cost of any fee title insurance that was required to cure title to the Premises which makes the same unmarketable.

VI. INSPECTION.

A. During the Inspection Period, Purchaser shall have the right, at its sole cost and expense, to conduct a due diligence inspection of the Premises which shall include, without limitation, such investigations, inspections and feasibility studies of the Premises as the Purchaser may desire at Purchaser's discretion ("Investigations"). Purchaser or its designated agents, engineers, surveyors, consultants and contractors may enter upon the Premises for purposes of such Investigations; provided, however, that (1) the Investigations shall be arranged with Seller so as to minimize interruption or disturbance to Seller or the Tenants; (2) upon the completion of any Investigation which alters or affects the physical condition of the Premises, Purchaser shall immediately restore the Premises to the condition which existed prior to such Investigation; (3) prior to any Investigation, Purchaser and each designated agent shall furnish to Seller a certificate of commercial general liability and property damage insurance evidencing at least $2,000,000 (single limit) in insurance naming Seller as additional insured thereunder; and (4) Purchaser shall keep the Premises free and clear of any liens related to the Investigations and shall promptly discharge of record any such lien; and Purchaser shall defend, indemnify and hold Seller harmless from and against any injuries or damage or any losses, costs or expenses occurring as a result of any Investigations.

B. If for any reason Purchaser determines, in its sole discretion, that the environmental or physical condition of the Premises is unacceptable for any reason, Purchaser may elect to cancel this Agreement at any time prior to the expiration of the Inspection Period by giving written notice to Seller on or before the end of business on the Inspection Date specifying the reason for such cancellation, whereupon this Agreement shall be deemed to be terminated as of the date of such notice, the Deposit shall be promptly returned to Purchaser and neither party shall have any further rights or claims against the other, except as otherwise specifically provided in this Agreement.

VII. AS IS; WHERE IS.

A. Purchaser hereby acknowledges and agrees that the Premises are being sold by Seller "AS IS," "WHERE IS," and in their present condition, excluding the results of Purchaser's Inspection.

B. Subject to the pre-Closing rights of Purchaser and an express substitute for the provisions of Paragraph V of the Agreement, Purchaser is purchasing the Property, and all items included in the sale, in "AS IS" condition as of the Contract Date (including but not limited to the present environmental condition of the Property and assumption by Purchaser of all environmental risks associated with the Property), subject to normal wear and tear, condemnation or other taking by eminent domain or sale in lieu thereof. **THE PROPERTY AND ALL ITEMS INCLUDED IN THE SALE ARE SOLD "AS IS" "WHERE IS" AND WITH ALL FAULTS. SELLER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR USE OR THAT THE PROPERTY IS SUFFICIENT FOR PURCHASER'S INTENDED USE. THERE ARE NO WARRANTIES, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.** Seller shall have no obligation to provide a Certificate of Occupancy or Certificate certifying or providing confirmation that the Property can be used for any particular purpose. The terms of this paragraph shall survive the Closing.

C. Release by Purchaser. Only as it relates to the Property, Purchaser, for itself and its affiliates, members, directors, officers, shareholders, managers, employees, and contractors, and their successors and assigns, does hereby completely and irrevocably release and forever discharge Seller and Seller's affiliates, managers, members, directors, officers, shareholders, employees, trustees, beneficiaries, agents, attorneys, representatives and contractors, and their successors and assigns (the "Seller Indemnified/Released Parties") from any and all costs and past, current, future and contingent claims (including, without limitation, claims by any governmental authority or agency, including, but not limited to, the State of New York or the U. S. EPA, and any successor agencies), strict liability claims under CERCLA, demands, actions, administrative proceedings (whether formal or informal proceedings, including, without limitation, any citation, directive, order or investigation), judgments, losses, damages, punitive damages, penalties, fines, stipulated penalties (including, without limitation, the cost of any environmental investigation or remediation required under any federal, state or local laws, ordinances or regulations, or under any existing or future reported decision of a state, federal, or local court), liabilities (including without limitation sums paid in settlements of claims), compensation, debts, costs and expenses (including without limitation attorneys' fees and expenses, consultants' fees, and expert fees and the cost of enforcing any right to indemnification under this Agreement and the cost of pursuing any insurance providers) that arise directly or indirectly from, out of, or in connection with (1) any environmental liability; (2) any activities, acts or omissions, including, without limitation, performance or failure to perform under this Agreement or non-

compliance with any laws, regulations, codes, and/or rules of or by Purchaser, or Purchaser's employees, officers, consultants, contractors or other agents or representatives, whether prior to or after the Closing Date, including, without limitation, activities, acts, or omissions related to mechanics' liens, damage to the Property or injury or death or damage to persons or property; or (3) any claims sounding in negligence, strict liability, contract, environmental, statutory or equitable liability or otherwise, relating to the Property, including, without limitation, and any actual, alleged or suspected pollution conditions or release of a hazardous or solid waste or petroleum resulting from or by reason of any conduct, cause or course of action whatsoever which has been done or omitted by Seller Indemnified Parties. The foregoing release and discharge includes all known, unknown, unforeseen, unanticipated and unexpected occurrences and the consequences thereof, including but not limited to any now in existence (collectively, "Costs").

VIII. PURCHASER'S CONTINGENCIES.

A. This Agreement shall be contingent upon:
   1. The New York State Office of Parks, Recreation and Historic Preservation certifying that the Premises are eligible for federal historic tax credits within forty-five (45) days from the Effective Date; and
   2. That there is one lease governing the Premises in question and that any other tenants so occupying the Premises are on a month-to-month basis, and that the Seller shall cause them to vacate before closing unless otherwise agreed to by the parties; and that Seller shall provide a Termination of Lease Agreement herein and shall further assume the cost of an eviction proceeding in the event the same becomes necessary. The Termination of Lease Agreement shall state that the tenant will vacate the premises no later than sixty (60) days after the execution of the Termination of Lease Agreement and understands that tenant has waived tenant's rights to extend the same; and
   3. The Purchaser's review of a currently dated search and survey, dated after the effective date of the within Contract, and containing references to all easements affecting the Premises to be purchased that confirms delivery of marketable title.

B. In the event that any of the above contingencies are not satisfied, Purchaser may elect to cancel this Agreement by giving written notice to Seller, whereupon this Agreement shall be deemed to be terminated as of the date of such notice; no party shall have any further rights or obligations hereunder and the Deposit and all other monies paid by Purchaser on account of this Agreement shall be returned to Purchaser.

IX. SELLER'S CLOSING OBLIGATIONS.

A. At the Closing, Seller shall deliver to Purchaser:
   1. Warranty Deed with Lien Covenant properly executed and in proper form for recording, conveying title to the Premises;
   2. An Affidavit regarding Seller's identity for purposes of Section 1445 of the Code;

3. Keys to the Premises, and originals of any warranties or other material property documents related to the Premises in Seller's possession or control;
4. Checks to the order of the appropriate officers in payment of all applicable real estate conveyance taxes in connection with the sale of the Premises;
5. Such Affidavits as Purchaser's title company shall reasonably require in order to omit from any title policies being obtained by Purchaser all exceptions for judgments, bankruptcies or other returns against persons or entities whose names are the same as or similar to Seller's name;
6. Possession of the Premises subject only to the Permitted Encumbrances, subject to a sixty (60) day period of time to allow Seller to remove personal assets and effects, said sixty-day time period will not be a period of exclusive possession; and
7. Any other documents reasonably required by this Agreement to be delivered by Seller.

X. PURCHASER'S CLOSING OBLIGATIONS.

A. At the Closing, Purchaser shall:
   1. Cause the Deed to be recorded, and file the required real property transfer tax returns prepared and executed by the Seller;
   2. Notify Escrow Agent to release the Deposits to Seller;
   3. Deliver the Purchase Price to Seller, as directed by Seller; and
   4. Deliver any other documents reasonably required by this Agreement to be delivered by Purchaser.

XI. CLOSING COSTS.

A. The following apportionments shall be made between the parties at the Closing as of the close of business on the day prior to the Closing Date:
   1. Prepaid rents, including, without limitation, any prepaid common area charges and real estate taxes, if any;
   2. Non-delinquent real estate taxes, personal property taxes, water charges and sewer rents, if any, shall be apportioned between Seller and Purchaser as of the close of business on the day prior to the Closing Date on the basis of the fiscal period for which assessed, except that if there is a water meter on the Premises, apportionment at the closing shall be based on the last available reading, subject to adjustment after the Closing when the next reading is available.
   3. Permitted administrative charges on any security deposits, if any.

If the Closing shall occur before a new tax rate is fixed, the apportionment of taxes at the Closing shall be upon the basis of the old tax rate for the preceding period applied to the latest assessed valuation. Promptly after the new tax rate is fixed, the apportionment of such taxes shall be recomputed. Any discrepancy resulting from such re-computation and any errors or omissions in computing apportionments at Closing shall be promptly corrected, which obligations shall survive the Closing.

B. If, at Closing, the Premises or any part thereof shall be subject to any assessment or assessments which are or may become payable in annual installments, the first installment of which is then due or has been paid, then for purposes of this Agreement, all unpaid installments of any such assessment, including those which are to become due and payable after Closing, shall be deemed to be liens upon the Premises then due and payable and shall be paid and discharged by Seller prior to or at the time of Closing.

C. Seller shall pay any and all real estate transfer taxes and documentary stamp taxes in connection with the transfer of the Real Property and Improvements from Seller to Purchaser.

D. Purchaser shall pay all mortgage taxes and recording and filing fees in connection with the recording of the Deed.

XII. CASUALTY LOSSES AND TAKINGS.

A. Seller and Purchaser acknowledge and agree that risk of loss to the Real Property and Improvements between the Effective Date and the Closing Date shall remain with the Seller.

B. Upon the occurrence of any Casualty Loss, Seller shall give Purchaser prompt written notice thereof. To the extent such Casualty Loss involves damage to the Improvements of $50,000 or less, this Agreement shall remain in full force and effect and Seller shall either repair such Casualty Loss, or, at its election with the consent of Purchaser, assign to Purchaser the proceeds of Seller's insurance with respect to such Casualty Loss. To the extent such Casualty Loss involves damage to the Improvements in excess of $50,000, Purchaser shall have the right, exercisable within fifteen (15) days of the receipt of notice of such Casualty Loss, to elect to terminate this Agreement by giving written notice to Seller and Escrow Agent, whereupon this Agreement shall be deemed to be terminated as of the date of such notice. Escrow Agent shall immediately return the Deposit to Purchaser and neither party shall have any further rights or claims against the other. If, however, Purchaser elects to proceed with Closing, this Agreement shall continue in full force and effect, Seller shall transfer to Purchaser all unpaid insurance proceeds, claims, awards and other payments arising out of such Casualty Loss, and Seller shall pay to Purchaser all sums received by Seller as insurance proceeds, awards or other payments arising out of such Casualty Loss. Seller shall not voluntarily compromise, settle or adjust any amounts payable by reason of any Casualty Loss without Purchaser's prior written consent.

XIII. BROKER.

No Broker brought about this transaction.

XIV. NOTICES.

A. All notices under this Agreement shall be in writing and shall be delivered personally, by overnight delivery, by nationally recognized courier, or sent by certified or registered mail, return receipt requested, addressed as follows:

1. To Seller: Ontario Equipment Co., Inc.
155 Chandler Street
Buffalo, NY 14207-2405
Fax No. 716-_____

2. With a copy to: Craig A. Slater, Esq.
The Slater Law Firm, PLLC
500 Seneca Street, Suite 504
Buffalo, NY 14204- 1963
Fax No. 716-845-6764

3. To Purchaser: Signature Development WNY, LLC
391 Washington Street, Suite 800
Buffalo, NY 14203-2108
Attention: Rocco R. Termini
Fax No. 716- 768-1829

4. With a copy to: John T. Agate, Esq.
4476 Main Street, Suite 201
Snyder, NY 14226-4465
Fax No. 716-839-3296

5. To the Escrow Agent: John T. Agate, Esq.
4476 Main Street, Suite 201
Snyder, NY 14226-4465
Fax No. 716-839-3296

Facsimile copies shall constitute notice hereunder provided an original counterpart of the notice is simultaneously sent by one of the foregoing methods.

B. Notwithstanding anything contained herein to the contrary, the attorneys for the parties identified herein are authorized to issue notices and to consent to adjournments on behalf of their respective clients provided the same are in writing and clearly state that such notice is being given by such attorneys pursuant to the authority conferred pursuant to this Section XIV. B.

XV. DOWN PAYMENT.

A. The Down Payment shall be held by Escrow Agent, in trust, on the following terms:

1. Escrow Agent shall (a) deposit the Down Payment in a non-interest-bearing escrow account with First Niagara Bank, N. A.; and (b) upon receipt of a written request from either Seller or Purchaser, promptly advise Seller and Purchaser of the deposit of the Down Payment and the number of the bank account where the Down Payment is so deposited.
2. Escrow Agent will deliver the Down Payment to Seller or to Purchaser, as the case may be, under the following conditions:
   (a) To Seller on the Closing Date;
   (b) To Purchaser upon receipt of written demand therefor stating that this Agreement has been terminated in accordance with the terms of this contract.

XVI. MISCELLANEOUS PROVISIONS.

A. Purchaser hereby represents and warrants to Seller that it has full right, power and authority to execute, deliver and perform this Agreement without obtaining any further consents or approvals from, or the taking of any other actions by any third parties, and this Agreement, when executed by Seller and Purchaser, will constitute the valid and binding agreement of Purchaser, enforceable against Purchaser in accordance with its terms.

B. Seller hereby represents and warrants to Purchaser that it has full right, power and authority to execute, deliver and perform this Agreement without obtaining any further consents or approvals from, or the taking of any other actions by any third parties, and this Agreement, when executed by Seller and Purchaser, will constitute the valid and binding agreement of Seller, enforceable against Seller in accordance with its terms.

C. Purchaser and Seller hereby waive any rights either party may have to trial by jury in any disputes arising under this Agreement. This waiver shall survive Closing and the delivery of the Deed.

D. Purchaser agrees that any action or proceeding arising out of or relating to this Agreement shall be commenced in the Supreme Court of the State of New York venued in Erie County, New York, and the Purchaser agrees that a summons and complaint commencing an action or proceeding in such court shall be properly served and shall confer personal jurisdiction if served personally, or as otherwise provided under the laws of the State of New York. Purchaser hereby waives any and all rights to change the venue of any action or proceeding brought to determine any claim or controversy involving this Agreement.

E. In entering into this Agreement, Purchaser has not been induced by, and has not relied upon, any representations, warranties or statements, whether express or implied, made by Seller or any agent, employee or other representative of Seller or by any broker or any other person representing or purporting to represent Seller, which are not expressly set forth in this Agreement, whether or not any such representations, warranties or statements were made in writing or orally.

F. This Agreement embodies and constitutes the entire understanding between the parties with respect to the transaction contemplated herein, and all prior agreements, understandings, representations and statements, oral or written, are merged into this Agreement. Neither this Agreement nor any provision hereof may be waived, modified, amended, discharged or terminated except by an instrument signed by the party against whom enforcement of such waiver, modification, amendment, discharge or termination is sought, and then only to the extent set forth in such instrument.

G. No waiver by either party hereto of any failure or refusal by the other party hereto to comply with its obligations hereunder shall be deemed a waiver of any other or subsequent failure or refusal by such party to so comply.

H. This Agreement shall be governed by, and construed in accordance with, the internal laws of the State of New York without regard to principles of conflict of laws.

I. The captions in this Agreement are inserted for convenience of reference only and in no way define, describe or limit the scope or intent of this Agreement or any of the provisions hereof.

J. This Agreement shall be binding upon and shall inure to the benefit of parties hereto and their respective heirs or successors and permitted assigns. Neither Seller nor Purchaser may assign their respective rights or delegate their respective duties arising under this Agreement without the prior written consent of the other party, which consent shall not be unreasonably withheld provided, notwithstanding the foregoing, that Purchaser shall not need any consent to assign this Contract to an entity in which Purchaser has an interest.

K. This Agreement shall not be binding or effective until properly executed and delivered by Seller and Purchaser and the Deposit has been delivered to Escrow Agent.

L. This Agreement may be executed in a number of identical counterparts, each of which for all purposes is to be deemed as original, and all of which constitute, collectively, one agreement. Any manual signature upon this Agreement that is faxed, scanned or photocopied and delivered electronically shall for all purposes have the same validity, legal effect and admissibility in evidence as an original signature and the parties hereby waive any objection to the contrary.

[*Remainder of page intentionally left blank. Signature page to follow.*]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the dates set forth below.

PURCHASER:

SIGNATURE DEVELOPMENT WNY, LLC

Date: October 4th, 2016.

By: _____
Rocco R. Termini, *Managing Member*

SELLER:

ONTARIO EQUIPMENT COMPANY, INC.

Date: October 4, 2016.

By: _____
Print Name: DAVID ROSEN
Title: PRESIDENT

EXHIBIT A

Survey of Real Property

EXHIBIT B

Purchase Price Allocation

REAL PROPERTY	
IMPROVEMENTS	
PERSONAL PROPERTY	
TOTAL	$591,000

EXHIBIT C

Legal Description

155 Chandler Street, Buffalo, New York, SBL #77.84-1-4:

ALL THAT TRACT OR PARCEL OF LAND, together with building and improvements erected thereon, situate in the City of Buffalo, County of Erie and State of New York, being Lots Numbers One (1) to Ten (10) inclusive and Lots Numbers Twenty-three (23) to Thirty-two (32) inclusive, in Block "I" of the Subdivision of a part of Lot Eighty-eight (88), Black Rock, Township Eleven (11), Range Eight (8), of the Holland Land Company's Survey, as shown on Cover Map Number One hundred ninety-six (196), filed in the Erie County Clerk's Office, Buffalo, New York, and more particularly described as follows:

BEGINNING at the intersection of the southerly line of Chandler Street and the easterly line of Manton Place, said point of beginning being also the northwesterly corner of Lot Number One (1) in the above referred to subdivision, running thence southerly along the easterly line of Manton Place a distance of two hundred eighty (280) feet to the northerly line of Grote Street, which point is also the southwesterly corner of Lot Number Twenty-three (23) in the above referred to subdivision, thence easterly along the northerly line of Grote Street three hundred three and sixteen hundredth (303.16) feet more or less to the easterly line of Lot Number Thirty-two (32) in said subdivision, which point is also the southwesterly corner of lands owned now or formerly by Anthony Young and Caroline Young, his wife; thence northerly along the easterly line of Lots Thirty-two (32) and Ten (10), being also along the westerly line of land now or formerly of Anthony Young and wife and lands of Barcola Manufacturing Company a distance of two hundred eighty (280) feet, more or less, to the southerly line of Chandler Street, said point being also the northeasterly corner of Lot Number Ten (10) and the northwesterly corner of lands now or formerly of Barcola Manufacturing Company; thence westerly along the southerly side of Chandler Street a distance of three hundred six and seventy hundredths (306.70) feet, more or less, to the easterly line of Manton Place, the point and place of beginning, containing one and ninety-six hundreds (1.96) acres of land, being the same more or less.

157 Chandler Street, Buffalo, New York, SBL 77.84-1-5:

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 Number Eighty-eight (88), Township Eleven (11) and Range Eight (8) of the Holland Land Company's Survey, and according to a map filed in the Erie County Clerk's Office under Cover Number Two Hundred Twenty-eight (228), is known and distinguished as Subdivision Lots Numbers Sixteen (16), Seventeen (17), Eighteen (18) and the westerly part of Subdivision Lot Number Nineteen (19) in Block "I," bounded and described as follows:

BEGINNING at a point in the southerly line of Chandler Street Three Hundred Ninety-two and Twenty-one Hundredths (392.21) feet west of its intersection with the westerly line of Bridgeman Street, which point of beginning is the northwesterly corner of Subdivision Lot Number Sixteen (16); running thence easterly along the southerly line of Chandler Street One

hundred twenty and forty-eight hundredths (120.48) feet; thence southerly and parallel with the westerly line of Bridgeman Street one hundred forty (140) feet; thence westerly and parallel with Chandler Street and along the southerly line of Subdivision Lots Number Sixteen (16), Seventeen (17), Eighteen (18) and Nineteen (19), one hundred twenty and forty-eight hundredths (120.48) feet to the southwesterly corner of Subdivision Lot Number Sixteen (16); and thence northerly and along the westerly line of Subdivision Lot Number Sixteen (16) one hundred forty (140) feet to the southerly line of Chandler Street at the point or place of beginning,

ALSO, 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 Number Eight-eight (88), Township Eleven (11), and Range Eight (8) of the Holland Land Company's Survey and according to a map filed in the Erie County Clerk's Office under Cover Number One hundred ninety-six (196) and distinguished as part of Subdivision Lot Number Fifty-five (55) and all of Subdivision Lots Numbers Fifty-six (56), Fifty-seven (57), Fifty-eight (58) and Fifty-nine (59) 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 three hundred seventy-nine and fifty hundredths (379.50) feet westerly from the point of intersection of the southerly line of the said New York Central & Hudson River Railroad Company's lands with the easterly line of said Lot Number Eight-eighty (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, one hundred fifty (150) feet, more or less, to the northerly line of Chandler Street as laid down on a certain map made by E. F. Babcock and filed in the Erie County Clerk's Office under Cover Number Two hundred twenty-eight (228); thence westerly and along the northerly line of Chandler Street one hundred forty-one and eighty-nine (141.89) feet, more or less, to a point therein which is six hundred eighty-seven and eighty-six hundredths (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 one hundred fifty (150) feet, more or less, to the southerly line of the lands of the New York Central & Hudson River Railroad Company; and thence easterly and along the southerly line of said New York Central & Hudson River Railroad Company's lands one hundred forty-one and eighty-nine hundreds (141.89) feet, more or less, to the place of beginning.

Section VIII

Property Eligibility Information

Spill History – Two NYSDEC Spills have been identified for the site:

- Spill #9209547 – Spill identified on 11/01/1992 – Mr. Rosen (property owner at that time) was reportedly accepting oil and copper to burn inside the factory occupied by G & R Machinery. NYSDEC representative walked the perimeter in January 1993 and did not identify a problem. The site was re-inspected in February 1993 including the building and court yard. No problem was identified. No evidence of waste oil storage or burning of copper wire. Several bins of stripped wire and insulation were present. The spill was closed on 02/04/1993.

- Spill #9315395 – Spill identified on 03/29/1994 and listed as G&R Machine. Leaking cylinders were reported at machine shop, identified as hydrogen sulfide. NYSDEC meet with EPA, Buffalo Fire Safety, and consultants. Monitored around cylinders and mothering was found. Unclear of cleanup was to be done by DEC or City of Buffalo. As of May 1994, no further involvement with spills. Buffalo Fire Department was to send enforcement action to responsible party (owner). City did not request EPA interaction. No further action required and the spill was closed on 10/06/1994.

- ERNS Site #94374933 – listed on 03/29/1994, and related to Spill #9315395. The spilled material was identified unknown in the air due to equipment failure. Several hundred old portable cylinders were discovered at the facility. The people were evacuated from the facility and next door. Facility hired contactor and the cylinders were staged and tagged. Buffalo Fire Department and NYSDEC were on scene.

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 ST, BUFFALO, NY 14203	145 CHANDLER STREET; GAGLIANO, DOMINIC - 270 MAPLEVIEW DR, TONOWANDA, NY 14150	166 CHANDLER STREET; 166 CHANDLER STREET LLC – 4511 HYDE PARK, BLVD, NIAGARA FALLS, NY 14305
260 CHANDLER STREET; WEATHERPANEL HOLDINGS INC. - 285 CHANDLER ST, BUFFALO, NY 14207	207 CHANDLER STREET; LOCKWOOD CHARLES G T-I-C - 207 CHANDLER ST, BUFFALO, NY 14207	198 GROTE STREET; TONTON GROUP LLC - PO BOX 261785, ENCINO, CA 91426

Adjacent Property Owners		
194 GROTE STREET; SKINNER DEBORAH J WIFE - 194 GROTE ST, BUFFALO, 14207	192 GROTE STREET; SUCHAN FRED F - PO BOX 157, WEST SENECA, NY 14224	186 GROTE STREET; FUNDALINSKI JASON A - 186 GROTE ST, BUFFALO, NY 14207
185 GROTE STREET; MAJEROWSKI TIMOTHY - 185 GROTE ST, BUFFALO, NY 14207	183 GROTE STREET; BUCCILLI DANIELLE – 183 GROTE ST, BUFFALO, NY 14207	181 GROTE STREET; MORALES RICHARD - 181 GROTE ST, BUFFALO, NY 14207
177 GROTE STREET; CEFALU FRANK J - 58 IRVING TER, BUFFALO, NY 14223	173 GROTE STREET; CA PALMS INC. – 335 MALDINER AVE, TONOWANDA NY 14150	171 GROTE STREET; PAP JAMES M - 43 GOODRICH RD, LACKAWANNA, NY 14218
169 GROTE STREET; AJ MEDDA HOLDING CO. LLC - 83-19 116TH ST, RICHMOND HILL, NY 11415	165 GROTE STREET; DOWNES JUDITH - 165 GROTE ST, BUFFALO, NY 14207	161 GROTE STREET; MARQUEZ DAMARIS - 165 GROTE ST, BUFFALO, NY 14207
157 GROTE STREET; K & K ABBOTTSFORD LLC - 276 PARADISE LN, TONAWANDA, NY 14150	155 GROTE STREET; BUFFALO BUCKS LLC - 1547 45TH ST, BROOKLYN, NY 11219	145 GROTE STREET; PHAM KY VAN - 47 COUTRYSIDE LN, DEPEW, NY 14043
150 GROTE STREET; TOCZEK FRANK SR & CAROL - 147 BUSH ST, BUFFALO, NY 14207		
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		
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]
Sent: Wednesday, December 14, 2016 1:02 PM
To: Greg Bittner <gbittner@hazardevaluations.com>
Subject: RE: Repository Request

Good morning Greg,

I'm assuming you may have misunderstood the notation in the previous message that states, ***"Also, this serves as permission to submit future document and updates."*** This means we will be the repository for **all** documents your company needs to be made available to the public. You/your company are free to bring your documents to the Central Library without additional permission for every individual document.

We prefer that you do not take documents to individual libraries. Please bring or send your document(s) to the Central Library and we will process according to our procedure and distribute to the location of your choice.

Thank you,
April

From: Greg Bittner [mailto:gbittner@hazardevaluations.com]
Sent: Wednesday, December 14, 2016 12:33 PM
To: 'Greg Bittner' <gbittner@hazardevaluations.com>
Subject: RE: Repository Request

Good Afternoon April,

I am emailing you in regard to the repository request for the BCP site that we discussed in October. The NYSDEC has requested that we use the North Park Branch located at 975 Hertel Avenue, Buffalo, NY 14216. I spoke with Mr. Paul Guminski (Branch Manager) at the North Park Library; he indicated that we must contact Ms. Batt for this again.

We need written permission (email) as we did before to use North Park as our repository.

Thanks April
From: April Tompkins [mailto:tompkinsa@buffalolib.org]
Sent: Thursday, October 20, 2016 4:28 PM
To: gbittner@hazardevaluations.com
Subject: FW: Repository Request

Good afternoon Greg,

Your message regarding the BCP was forwarded to me.

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

From: Greg Bittner [mailto:gbittner@hazardevaluations.com]
Sent: Thursday, October 20, 2016 2:07 PM
To: Maria Borowiak
Subject: Repository

From: April Tompkins [mailto:tompkinsa@buffalolib.org]
Sent: Thursday, October 20, 2016 4:28 PM
To: gbittner@hazardevaluations.com
Subject: FW: Repository Request

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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

From: Greg Bittner [mailto:gbittner@hazardevaluations.com]
Sent: Thursday, October 20, 2016 2:07 PM
To: Maria Borowiak
Subject: Repository

Hello Maria,

My company is currently working on a NYSDEC Brownfield Cleanup Program site and it is required that we keep pertinent documents on hand for public review. I am inquiring about how I would go about using the BECPL as a repository. It is also required that I receive some sort of confirmation or permission letter/email etc. that it is in fact okay to use the location as a repository.

Thank you for your help!

Greg Bittner, Environmental Scientist
Hazard Evaluations, Inc.
3752 N. Buffalo Road
Orchard Park, NY 14127
Phone (716) 667-3130
Fax (716) 667-3156
gbittner@hazardevaluations.com
www.hazardevaluations.com

Section X

Land Use Factors

2. Current Use – The southern portion of the building (approximately 30%) is occupied by Weatherpanel, Inc. for warehousing purposes only. Past occupant including G&R Machinery which utilized the building for machine shop purposes. Specific areas of usage and possible contaminant source areas are not known. Operations ceased prior to 2005.

3. Reasonably Anticipated Use Post Remediation – The Site will be developed as a business incubator to be done in cooperation with Buffalo State College and Start Up New York. The future business operations will include light industrial, including ceramic tape manufacturing and software development requiring "clean rooms" throughout the facility. Additionally, a brewery, winery, and Buffalo State College hospitality program will be located within the building, which will require food grade/quality areas in the 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. Additionally, the proposed building is 100% rented which further supports the use.