



**SUBMITTAL INSTRUCTIONS:**

1. Compile the application package in the following manner:
  - a. one file in non-fillable PDF of the application form plus supplemental information, excluding the previous environmental reports and work plans, if applicable;
  - b. one individual file (PDF) of each previous environmental report; and,
  - c. one file (PDF) of each work plan being submitted with the application, if applicable.
2. Compress all files (PDFs) into one zipped/compressed folder.
3. Submit the application to the Site Control Section either via email or ground mail, as described below.

**Please select only ONE submittal method – do NOT submit both email and ground mail.**

a. VIA EMAIL:

- Upload the compressed folder to the NYSDEC File Transfer Service. (<http://fts.dec.state.ny.us/fts>) or another file-sharing service.
- Copy the download link into the body of an email with any other pertinent information or cover letter attached to the email.
- Subject line of the email: “*BCP Application NEW - \*Proposed Site Name\**”
- Email your submission to [DESiteControl@dec.ny.gov](mailto:DESiteControl@dec.ny.gov) – do NOT copy Site Control staff.

b. VIA GROUND MAIL:

- Save the application file(s) and cover letter to an external storage device (e.g., thumb drive, flash drive). Do NOT include paper copies of the application or attachments.
- Mail the external storage device to the following address:  
Chief, Site Control Section  
Division of Environmental Remediation  
625 Broadway, 11<sup>th</sup> Floor  
Albany, NY 12233-7020

**PROPOSED SITE NAME:** 631 Northland Avenue

**Is this an application to amend an existing BCA with a major modification?** Please refer to the application instructions for further guidance related to BCA amendments.

If yes, provide existing site number: \_\_\_\_\_

☐

Yes

☒

No

**Is this a revised submission of an incomplete application?**

If yes, provide existing site number: C915410

☒

Yes

☐

No



BCP App Rev 15 – May 2023

**SECTION I: Property Information**

PROPOSED SITE NAME **631 Northland Avenue**

ADDRESS/LOCATION **631 Northland Avenue**

CITY/TOWN **Buffalo**

ZIP CODE **14211**

MUNICIPALITY (LIST ALL IF MORE THAN ONE) **Buffalo**

COUNTY **Erie**

SITE SIZE (ACRES) **2.63**

LATITUDE

LONGITUDE

42° 55' 05" N 78° 50' 11" W

Provide tax map information for all tax parcels included within the proposed site boundary below. If a portion of any lot is to be included, please indicate as such by inserting "p/o" in front of the lot number in the appropriate box below, and only include the acreage for that portion of the tax parcel in the corresponding acreage column.

**ATTACH REQUIRED TAX MAPS PER THE APPLICATION INSTRUCTIONS.**

Parcel Address	Section	Block	Lot	Acreage
631 Northland Avenue, Buffalo NY	101.21	5	1.21	2.63

1. Do the proposed site boundaries correspond to tax map metes and bounds? If no, please attach an accurate map of the proposed site including a metes and bounds description.	<input checked="" type="radio"/> Y	<input type="radio"/> N
2. Is the required property map included with the application? (Application will not be processed without a map)	<input checked="" type="radio"/> Y	<input type="radio"/> N
3. Is the property within a designated Environmental Zone (En-zone) pursuant to Tax Law 21(b)(6)? (See <a href="#">DEC's website</a> for more information) If yes, identify census tract: 003400 Percentage of property in En-zone (check one): 0% <input type="radio"/> 1-49% <input type="radio"/> 50-99% <input type="radio"/> 100% <input checked="" type="radio"/>	<input checked="" type="radio"/> Y	<input type="radio"/> N
4. Is the project located within a disadvantaged community? See application instructions for additional information.	<input checked="" type="radio"/> Y	<input type="radio"/> N
5. Is the project located within a NYS Department of State (NYS DOS) Brownfield Opportunity Area (BOA)? See application instructions for additional information.	<input type="radio"/> Y	<input checked="" type="radio"/> N
6. Is this application one of multiple applications for a large development project, where the development spans more than 25 acres (see additional criteria in application instructions)? If yes, identify names of properties and site numbers, if available, in related BCP applications:	<input type="radio"/> Y	<input checked="" type="radio"/> N

SECTION I: Property Information (CONTINUED)		Y	N
7. Is the contamination from groundwater or soil vapor solely emanating from property other than the site subject to the present application?		<input type="radio"/>	<input checked="" type="radio"/>
8. 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? If yes, attach relevant supporting documentation.		<input type="radio"/>	<input checked="" type="radio"/>
9. Are there any lands under water? If yes, these lands should be clearly delineated on the site map.		<input type="radio"/>	<input checked="" type="radio"/>
10. Has the property been the subject of or included in a previous BCP application? If yes, please provide the DEC site number: _____		<input type="radio"/>	<input checked="" type="radio"/>
11. Is the site currently listed on the Registry of Inactive Hazardous Waste Disposal Sites (Class 2, 3, or 4) or identified as a Potential Site (Class P)? If yes, please provide the DEC site number: _____ Class: _____		<input type="radio"/>	<input checked="" type="radio"/>
12. Are there any easements or existing rights-of-way that would preclude remediation in these areas? If yes, identify each here and attach appropriate information.  <div style="display: flex; justify-content: space-between;"> <div><u>Easement/Right-of-Way Holder</u></div> <div><u>Description</u></div> </div>		<input type="radio"/>	<input checked="" type="radio"/>
13. List of permits issued by the DEC or USEPA relating to the proposed site (describe below or attach appropriate information):  <div style="display: flex; justify-content: space-between;"> <div><u>Type</u></div> <div><u>Issuing Agency</u></div> <div><u>Description</u></div> </div>		<input type="radio"/>	<input checked="" type="radio"/>
14. Property Description and Environmental Assessment – please refer to the application instructions for the proper format of each narrative requested. Are the Property Description and Environmental Assessment narratives included in the prescribed format?		<input checked="" type="radio"/>	<input type="radio"/>
<b>Note: Questions 15 through 17 below pertain ONLY to proposed sites located within the five counties comprising New York City.</b>			
15. Is the Requestor seeking a determination that the site is eligible for tangible property tax credits? If yes, Requestor must answer the Supplemental Questions for Sites Seeking Tangible Property Credits Located in New York City ONLY on pages 11-13 of this form.		<input type="radio"/>	<input type="radio"/>
16. Is the Requestor now, or will the Requestor in the future, seek a determination that the property is Upside Down?		<input type="radio"/>	<input type="radio"/>
17. If you have answered YES to Question 16 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?		<input type="radio"/>	<input type="radio"/>
<b>NOTE:</b> If a tangible property tax credit determination is not being requested at the time of application, the applicant may seek this determination at any time before issuance of a Certificate of Completion by using the BCP Amendment Application, except for sites seeking eligibility under the underutilized category.			
<b>If any changes to Section I are required prior to application approval, a new page, initialed by each Requestor, must be submitted with the application revisions.</b>			
<b>Initials of each Requestor:</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>_____</div> <div>_____</div> <div>_____</div> <div>_____</div> <div>_____</div> <div>_____</div> </div>			

## SECTION II: Project Description

1. The project will be starting at: ☒ Investigation ☐ Remediation

NOTE: If the project is proposed to start at the remediation stage, at a minimum, a Remedial Investigation Report (RIR) must be included, resulting in a 30-day public comment period. If an Alternatives Analysis and Remedial Action Work Plan (RAWP) are also included (see [DER-10, Technical Guidance for Site Investigation and Remediation](#) for further guidance), then a 45-day public comment period is required.

2. If a final RIR is included, does it meet the requirements in ECL Article 27-1415(2)?

☐ Yes ☐ No ☒ N/A

3. Have any draft work plans been submitted with the application (select all that apply)?

☐ RIWP ☐ RAWP ☐ IRM ☒ No

4. Please provide a short description of the overall project development, including the date that the remedial program is to begin, and the date by which a Certificate of Completion is expected to be issued.

Is this information attached? ☒ Yes ☐ No

## SECTION III: Land Use Factors

1. What is the property's current municipal zoning designation? Light Manufacturing

2. What uses are allowed by the property's current zoning (select all that apply)?

Residential ☐ Commercial ☐ Industrial ☒

3. Current use (select all that apply):

Residential ☐ Commercial ☐ Industrial ☐ Recreational ☐ Vacant ☒

4. Please provide 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 by which the site became vacant.  
Is this summary included with the application?

Y ☒ N ☐

5. Reasonably anticipated post-remediation use (check all that apply):

Residential ☐ Commercial ☒ Industrial ☒

If residential, does it qualify as single-family housing?

N/A ☒ ☐ ☐

6. Please provide a statement detailing the specific proposed post-remediation use.  
Is this summary attached?

☒ ☐

7. Is the proposed post-remediation use a renewable energy facility?  
See application instructions for additional information.

☐ ☒

8. Do current and/or recent development patterns support the proposed use?

☒ ☐

9. Is the proposed use consistent with applicable zoning laws/maps?  
Please provide a brief explanation. Include additional documentation if necessary.

☒ ☐

10. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, or other adopted land use plans?  
Please provide a brief explanation. Include additional documentation if necessary.

☒ ☐



## SECTION IV: Property's Environmental History

All applications **must include** an Investigation Report (per ECL 27-1407(1)). The report must be sufficient to establish that contamination of environmental media exists on the site above applicable Standards, Criteria and Guidance (SCGs) based on the reasonably anticipated use of the site property and that the site requires remediation. To the extent that existing information/studies/reports are available to the requestor, please attach the following:

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](#)). **Please submit a separate electronic copy of each report in Portable Document Format (PDF). Please do NOT submit paper copies of ANY supporting documents.**
2. **SAMPLING DATA: INDICATE (BY SELECTING THE OPTIONS BELOW) KNOWN CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN TO HAVE BEEN AFFECTED. DATA SUMMARY TABLES SHOULD BE INCLUDED AS AN ATTACHMENT, WITH LABORATORY REPORTS REFERENCED AND INCLUDED.**

CONTAMINANT CATEGORY	SOIL	GROUNDWATER	SOIL GAS
Petroleum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorinated Solvents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other VOCs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SVOCs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Metals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pesticides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCBs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PFAS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1,4-dioxane	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other – indicated below	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*Please describe other known contaminants and the media affected:

3. For each impacted medium above, include a site drawing indicating:
  - Sample location
  - Date of sampling event
  - Key contaminants and concentration detected
  - For soil, highlight exceedances of reasonably anticipated use
  - For groundwater, highlight exceedances of 6 NYCRR part 703.5
  - For soil gas/soil vapor/indoor air, refer to the NYS Department of Health matrix and highlight exceedances that require mitigation

These drawings are to be representative of all data being relied upon to determine if the site requires remediation under the BCP. Drawings should be no larger than 11"x17" and should only be provided electronically. These drawings should be prepared in accordance with any guidance provided.

Are the required drawings included with this application? ☒ YES ☐ NO

4. Indicate Past Land Uses (check all that apply):

<input type="checkbox"/> Coal Gas Manufacturing	<input checked="" type="checkbox"/> Manufacturing	<input type="checkbox"/> Agricultural Co-Op	<input type="checkbox"/> Dry Cleaner
<input type="checkbox"/> Salvage Yard	<input type="checkbox"/> Bulk Plant	<input type="checkbox"/> Pipeline	<input type="checkbox"/> Service Station
<input type="checkbox"/> Landfill	<input type="checkbox"/> Tannery	<input type="checkbox"/> Electroplating	<input type="checkbox"/> Unknown

Other:

**SECTION V: Requestor Information**

NAME 631 Northland LLC

ADDRESS 95 Perry Street #404

CITY/TOWN Buffalo

STATE NY

ZIP CODE 14203

PHONE (716) 362-8376

EMAIL rgandour@ecidany.com

	Y	N
1. Is the requestor authorized to conduct business in New York State (NYS)?	<input checked="" type="radio"/>	<input type="radio"/>
2. If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS DOS to conduct business in NYS, the requestor's name must appear, exactly as given above, in the <a href="#">NYS Department of State's Corporation &amp; Business Entity Database</a> . A print-out of entity information from the database must be submitted with this application to document that the requestor is authorized to conduct business in NYS. Is this attached?	<input checked="" type="radio"/>	<input type="radio"/>
3. If the requestor is an LLC, a list of the names of the members/owners is required on a separate attachment. Is this attached? N/A <input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
4. Individuals that will be certifying BCP documents, as well as their employers, must meet the requirements of Section 1.5 of <a href="#">DER-10: Technical Guidance for Site Investigation and Remediation</a> and Article 145 of New York State Education Law. Do all individuals that will be certifying documents meet these requirements? <b>Documents that are not properly certified will not be approved under the BCP.</b>	<input checked="" type="radio"/>	<input type="radio"/>

**SECTION VI: Requestor Eligibility**

If answering "yes" to any of the following questions, please provide appropriate explanation and/or documentation as an attachment.

	Y	N
1. Are any enforcement actions pending against the requestor regarding this site?	<input type="radio"/>	<input checked="" type="radio"/>
2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site?	<input type="radio"/>	<input checked="" type="radio"/>
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.	<input type="radio"/>	<input checked="" type="radio"/>
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 or regulation of the State or Federal government?	<input type="radio"/>	<input checked="" type="radio"/>
5. Has the requestor previously been denied entry to the BCP? If so, please provide the site name, address, assigned DEC site number, the reason for denial, and any other relevant information regarding the denied application.	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>

## SECTION VI: Requestor Eligibility (CONTINUED)

7. Has the requestor been convicted of a criminal offense (i) involving the handling, storing, treating, disposing or transporting or contaminants; or (ii) that involved 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?	<input type="radio"/> Y	<input checked="" type="radio"/> N
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 a false statement in connection with any document or application submitted to DEC?	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
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?	<input type="radio"/>	<input checked="" type="radio"/>
11. Are there any unregistered bulk storage tanks on-site which require registration?	<input type="radio"/>	<input checked="" type="radio"/>
12. 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:		
<b>PARTICIPANT</b> <input type="checkbox"/> <p>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.</p>	<b>VOLUNTEER</b> <input checked="" type="checkbox"/> <p>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.</p> <p>NOTE: By selecting this option, 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; and, (iii) prevent or limit human, environmental or natural resource exposure to any previously released hazardous waste.</p> <p><b>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.</b></p>	
13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?		
Yes <input checked="" type="radio"/> No <input type="radio"/> N/A <input type="radio"/>		

**SECTION VI: Requestor Eligibility (CONTINUED)**

14. Requestor relationship to the property (check one; if multiple applicants, check all that apply):

☐ Previous Owner ☒ Current Owner ☐ Potential/Future Purchaser ☐ Other: \_\_\_\_\_

If the requestor is not the current owner, **proof of site access sufficient to complete remediation must be provided.** 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 environmental easement on the site.

Is this proof attached?



Yes



No



N/A

**Note:** A purchase contract or lease agreement does not suffice as proof of site access.**SECTION VII: Requestor Contact Information**

REQUESTOR'S REPRESENTATIVE Rebecca Gandour

ADDRESS 95 Perry Street #404

CITY Buffalo

STATE NY

ZIP CODE

PHONE (716) 362-8378

EMAIL rgandour@ecidany.com

REQUESTOR'S CONSULTANT (CONTACT NAME) Lynn Zicari

COMPANY Ravi Engineering &amp; Land Surveying, P.C.

ADDRESS 2110 S. Clinton Avenue, Suite 1

CITY Rochester

STATE NY

ZIP CODE 14618

PHONE (585) 697-2071

EMAIL Lzicari@ravieng.com

REQUESTOR'S ATTORNEY (CONTACT NAME) Kevin Zanner

COMPANY Hurwitz Fine P.C.

ADDRESS The Liberty Building, 424 Main Street, Suite 1300

CITY Buffalo

STATE NY

ZIP CODE 14202

PHONE (716) 849-8900

EMAIL kjz@hurwitzfine.com

**SECTION VIII: Program Fee**

Upon submission of an executed Brownfield Cleanup Agreement to the Department, the requestor is required to pay a non-refundable program fee of \$50,000. Requestors may apply for a fee waiver based on demonstration of financial hardship.

	Y	N
1. Is the requestor applying for a fee waiver based on demonstration of financial hardship?	<input checked="" type="radio"/>	<input type="radio"/>
2. If yes, appropriate documentation to demonstrate financial hardship must be provided with the application. See application instructions for additional information.		
Is the appropriate documentation included with this application? N/A	<input type="radio"/>	<input checked="" type="radio"/>

**SECTION IX: Current Property Owner and Operator Information**

CURRENT OWNER 631 Northland LLC		
CONTACT NAME Rebecca Gandour		
ADDRESS 95 Perry Street #404		
CITY Buffalo	STATE NY	ZIP CODE 14203
PHONE (716) 362-8378	EMAIL rgandour@ecidany.com	
OWNERSHIP START DATE July 1, 2021 - Nordel II LLC and 631 Northland LLC are both subsidiaries of BUDC		
CURRENT OPERATOR		
CONTACT NAME		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE	EMAIL	
OPERATION START DATE		

**SECTION X: Property Eligibility Information**

	Y	N
1. Is/was the property, or any portion of the property, listed on the National Priorities List? If yes, please provide additional information as an attachment.	<input type="radio"/>	<input checked="" type="radio"/>
2. Is/was the property, or any portion of the property, listed on the NYS Registry of Inactive Hazardous Waste Disposal Site pursuant to ECL 27-1305? If yes, please provide the DEC site number: _____ Class: _____	<input type="radio"/>	<input checked="" type="radio"/>

**SECTION X: Property Eligibility Information (continued)**

	Y	N
3. Is/was the property subject to a permit under ECL Article 27, Title 9, other than an Interim Status facility? If yes, please provide: Permit Type: _____ EPA ID Number: _____  Date Permit Issued: _____ Permit Expiration Date: _____	<input type="radio"/>	<input checked="" type="radio"/>
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? If yes, attach any available information related to previous owners or operators of the facility or property and their financial viability, including any bankruptcy filings and corporate dissolution documents.  <div style="text-align: right;">N/A <input checked="" type="radio"/></div>	<input type="radio"/>	<input type="radio"/>
5. Is the property subject to a cleanup order under Navigation Law Article 12 or ECL Article 17 Title 10? If yes, please provide the order number: _____	<input type="radio"/>	<input checked="" type="radio"/>
6. Is the property subject to a state or federal enforcement action related to hazardous waste or petroleum? If yes, please provide additional information as an attachment.	<input type="radio"/>	<input checked="" type="radio"/>

**SECTION XI: Site Contact List**

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 mailing addresses of the following:

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



## SECTION XII: Statement of Certification and Signatures

(By requestor who is an individual)

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

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

(By a requestor other than an individual)

I hereby affirm that I am Executive Vice President (title) of 631 Northland LLC (entity); that I am authorized by that entity to make this application and execute a Brownfield Cleanup Agreement (BCA) and all subsequent documents; that this application was prepared by me or under my supervision and direction. If this application is approved, I hereby acknowledge and agree: (1) to execute a Brownfield Cleanup Agreement (BCA) within 60 days of the date of DEC's approval letter; (2) to the general terms and conditions set forth in the DER-32, Brownfield Cleanup Program Applications and Agreements; and (3) that in the event of a conflict between the general terms and conditions of participation and terms contained in a site-specific BCA, the terms in the site-specific BCA shall control. Further, I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: 12/18/24

Signature: Rebecca Gandovr

Print Name: Rebecca Gandovr

**PLEASE REFER TO THE APPLICATION COVER PAGE AND BCP APPLICATION INSTRUCTIONS FOR DETAILS OF PAPERLESS DIGITAL SUBMISSION REQUIREMENTS.**

## 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.

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Please respond to the questions below and provide additional information and/or documentation as required. <i>Please refer to the application instructions.</i>	Y	N
1. Is the property located in Bronx, Kings, New York, Queens or Richmond County?	<input type="radio"/>	<input type="radio"/>
2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?	<input type="radio"/>	<input type="radio"/>
3. Is at least 50% of the site area located within an environmental zone pursuant to NYS Tax Law 21(b)(6)?	<input type="radio"/>	<input type="radio"/>
4. Is the property upside down or underutilized as defined below?		
Upside down	<input type="radio"/>	<input type="radio"/>
Underutilized	<input type="radio"/>	<input type="radio"/>
<p><b>From ECL 27-1405(31):</b>            “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.</p> <p><b>From 6 NYCRR 375-3.2(I) as of August 12, 2016</b> (Please note: Eligibility determination for the underutilized category can only be made at the time of application):            375-3.2:</p> <p style="margin-left: 20px;">(I) “Underutilized” means, as of the date of application, real property on which no more than fifty percent of the permissible floor area of the building or buildings is certified by the applicant to have been used under the applicable base zoning for at least three years prior to the application, which zoning has been in effect for at least three years; and</p> <p style="margin-left: 20px;">(1) the proposed use is at least 75 percent for industrial uses; or</p> <p style="margin-left: 20px;">(2) at which:</p> <div style="margin-left: 40px;"> <p>(i) the proposed use is at least 75 percent for commercial or commercial and industrial uses;</p> <p>(ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and</p> <p>(iii) one or more of the following conditions exists, as certified by the applicant:</p> <div style="margin-left: 20px;"> <p>(a) property tax payments have been in arrears for at least five years immediately prior to the application;</p> <p>(b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or</p> <p>(c) there are no structures.</p> </div> </div> <p>“Substantial government assistance” shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.</p>		

**FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY (continued)**

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

**Check appropriate box below:**

- ☐ Project is an Affordable Housing Project – regulatory agreement attached
- ☐ Project is planned as Affordable Housing, but agreement is not yet available\*
- \*Selecting this option will result in a “pending” status. The regulatory agreement will need to be provided to the Department and the Brownfield Cleanup Agreement will need to be amended prior to issuance of the CoC in order for a positive determination to be made.
- ☐ This is not an Affordable Housing Project

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

- (a) “Affordable housing project” means, for purposes of this part, title fourteen of article twenty-seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units.
- (1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency’s affordable housing program, or a local government’s regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants’ household’s annual gross income.
- (2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency’s affordable housing program, or a local government’s regulatory agreement or legally binding restriction, which sets affordable units aside for homeowners 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.

**FOR SITES SEEKING TANGIBLE PROPERTY CREDITS IN NEW YORK CITY ONLY (continued)**

6. Is the site a planned renewable energy facility site as defined below?

☐ Yes – planned renewable energy facility site with documentation

☐ Pending – planned renewable energy facility awaiting documentation

\*Selecting this option will result in a “pending” status. The appropriate documentation will need to be provided to the Department and the Brownfield Cleanup Agreement will need to be amended prior to issuance of the CoC in order for a positive determination to be made.

☐ No – not a planned renewable energy facility site

If yes, please provide any documentation available to demonstrate that the property is planned to be developed as a renewable energy facility site.

**From ECL 27-1405(33) as of April 9, 2022:**

“Renewable energy facility site” shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system.

**From Public Service Law Article 4 Section 66-p as of April 23, 2021:**

(b) "renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity.

7. Is the site located within a disadvantaged community, within a designated Brownfield Opportunity Area, and plans to meet the conformance determinations pursuant to subdivision ten of section nine-hundred-seventy-r of the general municipal law?

☐ Yes - \*Selecting this option will result in a “pending” status, as a BOA conformance determination has not yet been made. Proof of conformance will need to be provided to the Department and the Brownfield Cleanup Agreement will need to be amended prior to issuance of the CoC in order for a positive determination to be made.

☐ No

**From ECL 75-0111 as of April 9, 2022:**

(5) "Disadvantaged communities" means communities that bear the burdens of negative public health effects, environmental pollution, impacts of climate change, and possess certain socioeconomic criteria, or comprise high-concentrations of low- and moderate-income households, as identified pursuant to section 75-0111 of this article.



# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## BROWNFIELD CLEANUP PROGRAM (BCP) INSTRUCTIONS FOR COMPLETING AND SUBMITTING A BCP APPLICATION

The New York State Department of Environmental Conservation (DEC) strongly encourages all applicants to schedule a pre-application meeting with DEC staff to review the benefits, requirements, and procedures for completing a project in the BCP. Contact your [Regional Office](#) to schedule a meeting. To add a party to an existing BCP Agreement, use the [BCP Agreement Amendment Application](#).

**For further information regarding the determination of a complete application, please refer to the guidance following these instructions, as well as the [NYSDEC BCP website](#).**

### SUBMITTAL INSTRUCTIONS

- Compile the application package in the following manner:
  - one file in non-fillable portable document format (PDF) of the application form plus supplemental information, excluding the previous environmental reports and work plans, if applicable;
  - one individual file (PDF) of each previous environmental report; and,
  - one file (PDF) of each work plan being submitted with the application, if applicable.
- Compress all files (PDFs) into one zipped/compressed folder
- Submit the application to the Site Control Section either via email or ground mail, as described below.

**Please select only ONE submittal method - do NOT submit both via email and via ground mail.**

#### VIA EMAIL:

- Upload the compressed folder to the NYSDEC File Transfer Service (<https://fts.dec.state.ny.us/fts/>) or another file-sharing service.
- Copy the download link into the body of an email with any other pertinent information or cover letter attached to the email.
- Subject line of the email: *"BCP Application NEW - \*Proposed Site Name\*"*
- Email your submission to [DESiteControl@dec.ny.gov](mailto:DESiteControl@dec.ny.gov) - do NOT copy Site Control staff.

#### VIA GROUND MAIL:

- Save the application file and cover letter to an external storage device (e.g., thumb drive, flash drive). Do NOT include paper copies of the application or attachments.
- Mail the external storage device to the following address:

Chief, Site Control Section  
Division of Environmental Remediation  
625 Broadway, 11th Floor  
Albany, NY 12233-7020

SECTION I: Property Information	
<b>PLEASE NOTE</b>	<b>If any changes to SECTION I are required prior to application approval, a new page 2, initialed by each requestor, must be submitted with the revisions.</b>
<b>Proposed Site Name</b>	Provide a name for the proposed site. The name could be an owner's name, current or historical operations (i.e., ABC Furniture) or the general location of the property. Consider whether the property is known by DEC by a particular name, and if so, use that name.
<b>Site Address</b>	Provide a street address, city/town, zip code, and each municipality and county in which the site is located.
<b>Site Size</b>	Provide the approximate acreage of the site.
<b>GIS Information</b>	Provide the latitude and longitude for the approximate center of the property. Show the latitude and longitude in degrees, minutes and seconds.
<b>Tax Parcel Information</b>	Provide the tax parcel address/section/block/lot information and map. Tax map information may be obtained from the tax assessor's office for all tax parcels that are included in the property boundaries. Attach a county tax map with identifier numbers, along with any figures needed to show the location and boundaries of the property. Include a USGS 7.5-minute quad map on which the property appears and clearly indicate the proposed site's location.
<b>Tax Map Boundaries</b>	State whether the boundaries of the site correspond to the tax map boundaries. If no, a metes and bounds description of the property must be attached. The site boundary can occupy less than a tax lot or encompass portions of one or more tax lots and may be larger or smaller than the overall redevelopment/ reuse project area. A site survey with metes and bounds will be required to establish the site boundaries before the Certificate of Completion can be issued.
<b>Site Map</b>	Provide a property base map(s) of sufficient detail, clarity and accuracy to show the following: (i) map scale, north arrow orientation, date, and location of the property with respect to adjacent streets and roadways; and (ii) proposed brownfield property boundary lines, with adjacent property owners clearly identified.
<b>En-zone</b>	If any part of the site is located within an En-zone, please provide a map showing the location of the site with the En-zone overlay. For information on En-zones, please see <a href="#">DEC's website</a> . Note that new En-zone boundaries are effective January 1, 2023.
<b>Disadvantaged Communities</b>	If the site is located within a Disadvantaged Community, please provide a map showing the location of the site with the Disadvantaged Community overlay. For additional information on disadvantaged communities, please refer to the <a href="#">Climate Leadership and Community Protection Act website</a> .



**SECTION I: Property Information (continued)**

<b>Brownfield Opportunity Area (BOA)</b>	If the site is located within a NYS Department of State designated Brownfield Opportunity Area, please provide a map showing the location of the site with the BOA overlay. For more information on designated BOAs, please refer to the <a href="#">NYS DOS website</a> . Additional information on BOA conformance determinations can be found at the <a href="#">Office of Planning and Development website</a> . A BOA conformance determination cannot be made until a Decision Document has been issued for the site.
<b>Multiple Applications</b>	Generally, only one application can be submitted, and one BCA executed, for a development project. In limited circumstances, the DEC may consider multiple applications/BCAs for a development project where (1) the development project spans more than 25 acres; (2) the approach does not negatively impact the remedial program, including timing, ability to appropriately address areas of concern, and management of off-site concerns; and (3) the approach is not advanced to increase the value of future tax credits (i.e., circumvent the tax credit caps provided under New York State Tax Law Section 21).
<b>Previous BCP Applications</b>	If all or part of the proposed site has been the subject of a previous BCP application (whether accepted, denied or withdrawn), please provide the assigned DEC site number from the previous application as well as any relevant information regarding why the property is not currently in the program.
<b>Registry Listing and P-site Status</b>	If all or part of the proposed site is now or ever was listed on the Registry of Inactive Hazardous Waste Disposal Sites or is currently the subject of investigation as a Potential Site, please provide the assigned DEC site number.

## SECTION I: Property Information (continued)

### Property Description Narrative

Provide a property description in the format provided below. Each section should be no more than one paragraph long.

#### Location:

Example: "The XYZ Site is located in an {urban, suburban, rural} area." {Add reference points if address is unspecific; e.g., "The site is approximately 3.5 miles east of the intersection of County Route 55 and Industrial Road."}

#### Site Features:

Example: "The main site features include several large, abandoned buildings surrounded by former parking areas and roadways. About one quarter of the site area is wooded. Little Creek passes through the northwest corner."

#### Current Zoning and Land Use: (Ensure the current zoning is identified)

Example: "The site is currently inactive and is zoned for commercial use. The surrounding parcels are currently used for a combination of commercial, light industrial, and utility rights-of-way. The nearest residential area is 0.3 miles east on Route 55."

Past Use of the Site: include source(s) of contamination and remedial measures (site characterizations, investigations, Interim Remedial Measures, etc.) completed outside of the current remedial program (e.g., work under a petroleum spill incident).

Example: "Until 1992 the site was used for manufacturing wire and wire products (e.g., conduit, insulators) and warehousing. Prior uses that appear to have led to site contamination include metal plating, machining, disposal in a one-acre landfill north of Building 7, and releases of wastewater into a series of dry wells."

When describing the investigations/actions performed outside of the remedial program, include the major chronological remedial events that lead to the site entering a remedial program. The history should include the first involvement by government to address hazardous waste/petroleum disposal. Do not cite reports. Only include remedial activities which were implemented PRIOR to the BCA. Do not describe sampling information.

#### Site Geology and Hydrogeology:

As appropriate, provide a very brief summary of the main hydrogeological features of the site including depth to water, groundwater flow direction, etc.

## SECTION I: Property Information (continued)

<p><b>Environmental Assessment</b></p>	<p>The goal of this section is to describe the nature and extent of contamination at the site. When describing the nature of contamination, identify just the primary contaminants of concern (i.e., those that will likely drive remedial decisions/actions). If there are many contaminants present within a group of contaminants (i.e., volatile organic compounds, semi-volatile organic compounds, metals), identify the group(s) and one or two representative contaminants within the group. When addressing the extent of contamination, identify the areas of concern at the site, contaminated media (i.e., soil, groundwater, etc.), relative concentration levels, and a broad-brush description of contaminated areas/depths. The reader should be able to know if contamination is widespread or limited and if concentrations are marginally or greatly above Standards, Criteria and Guidance (SCGs) for the primary contaminants. If the extent is described qualitatively (e.g., low, medium, high), representative concentrations should be given and compared with appropriate SCGs. For soil contamination, the concentrations should be compared with the soil cleanup objectives (SCOs) for the intended use of the site.</p> <p><b>A typical Environmental Assessment would look like the following:</b></p> <p>Based upon investigations conducted to date, the primary contaminants of concern for the site include cadmium and trichloroethene (TCE).</p> <p><i>Soil</i> - Cadmium is found in shallow soil, mostly near a dry well at the northeast end of the property. TCE is found in deeper soil, predominantly at the north end of the site. Concentrations of cadmium found on site (approximately 5 ppm) slightly exceed the soil cleanup objective (SCO) for unrestricted use (2.5 ppm). Concentrations of TCE found on site (5 ppm to 300 ppm) significantly exceed the soil cleanup objectives for the protection of groundwater (0.47 ppm).</p> <p><i>Groundwater</i> - TCE and its associated degradation products are also found in groundwater at the north end of the site, moderately exceeding groundwater standards (typically 5 ppb), with a maximum concentration of 1500 ppb. A moderate amount of TCE from the site has migrated 300 feet down-gradient off-site. The primary contaminant of concern for the off-site area is TCE, which is present at a maximum concentration of 500 ppb, at 10 feet below the groundwater table near Avenue A.</p> <p><i>Soil Vapor &amp; Indoor Air</i> - TCE was detected in soil vapor at elevated concentrations and was also detected in indoor air at concentrations up to 1,000 micrograms per cubic meter.</p>
<p><b>Questions 15-17: New York City Sites</b></p>	<p>These questions pertain <b>ONLY</b> to sites located within the five counties comprising New York City. If the requestor is seeking a determination that the site is eligible for tangible property tax credits, this section and the <i>Supplemental Questions for Sites Seeking Tangible Property Credits in New York City</i> <b>must</b> be completed.</p>

## SECTION II: Project Description

As a separate attachment, provide complete and detailed information about the project, including the purpose of the project, the date the remedial program is to start, and the date the issuance of the Certificate of Completion is anticipated.

## SECTION III: Land Use Factors

In addition to eligibility information, site history, and environmental data/reports, the application requires information regarding the current, intended and reasonably anticipated future land use.

This information consists of responses to the “land use” factors to be considered relative to the “Land Use” section of the BCP application. The information will be used to determine the appropriate land use in conjunction with the investigation data provided, in order to establish eligibility for the site based on the definition of a “brownfield site” pursuant to ECL 27-1405(2).

This land use information will be used by DEC, in addition to all other relevant information provided, to determine whether the proposed use is consistent with the currently identified, intended and reasonably anticipated future land use of the site at this stage. Further, this land use finding is subject to information regarding contamination at the site or other information which could result in the need for a change in this determination being borne out during the remedial investigation.

<b>Zoning and Current Use</b>	Provide the current municipal zoning designation and uses permitted by that designation. Provide a summary of the current use of the site, including identifying possible contaminant source areas. If the site is no longer in use, provide the date by which operations ceased.
<b>Anticipated Use</b>	Identify the anticipated post-remediation use of the site and provide a detailed description of the specific anticipated post-remediation use as an attachment.
<b>Renewable Energy Facility Site</b>	Indicate if the post-remediation use of the site is proposed to be a renewable energy facility. A “renewable energy facility site” shall mean real property (a) this is used for a renewable energy system, as defined in section sixty-six-p of the public service law; or (b) any co-located system storing energy generated from such a renewable energy system prior to delivering it to the bulk transmission, sub-transmission, or distribution system. Section 66-p of the Public Service Law: "Renewable energy systems" means systems that generate electricity or thermal energy through use of the following technologies: solar thermal, photovoltaics, on land and offshore wind, hydroelectric, geothermal electric, geothermal ground source heat, tidal energy, wave energy, ocean thermal, and fuel cells which do not utilize a fossil fuel resource in the process of generating electricity. Provide any detailed plans or documentation to support this. Appropriate documentation must be provided as follows: for planned renewable energy facilities generating/storing less than twenty-five (25) megawatts, a local land use approval must be provided. For planned renewable energy facilities generating/storing twenty-five (25) megawatts or greater, a permit issued by the Office of Renewable Energy Siting must be provided.
<b>Compliance with Zoning Laws, Recent Development, and Community Master Plans</b>	Provide an explanation to support the responses to each of these items. Attach additional documentation if applicable.

## SECTION IV: Property's Environmental History

For all sites, an investigation report is required that is sufficient to demonstrate the site requires remediation in order to meet the requirements of the program, and that the site is a brownfield site at which contaminants are present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations. Required data include site drawings and data summary tables requested in Section IV, #3 of the BCP application form. Specific instructions regarding the data summary tables are attached at the end of these instructions.

## SECTION V: Requestor Information

<b>Requestor Name</b>	<p>Provide the name of the person(s)/entity requesting participation in the BCP (if more than one, attach additional sheets with requested information). The requestor is the person or entity seeking DEC review and approval of the remedial program.</p> <p>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 in the <a href="#">NYS Department of State's Corporation &amp; Business Entity Database</a>. A print-out of entity information from the database must be submitted to DEC with the application, to document that the requestor is authorized to do business in NYS.</p>
<b>Address, etc.</b>	Provide the requestor's mailing address, telephone number and e-mail.
<b>LLC Information</b>	If the requestor(s) is/are an LLC, the names of the members/owners must be provided on a separate attachment.
<b>Document Certification</b>	<p>All documents, which are prepared in final form for submission to DEC for approval, are to be prepared and certified in accordance with Section 1.5 of <a href="#">DER-10</a>. Persons preparing and certifying the various work plans and reports identified in Section 1.5 include:</p> <ul style="list-style-type: none"><li>• New York State licensed professional engineers (P.E.s), as defined at 6 NYCRR 375-1.2(aj) and paragraph 1.3(b)47. Engineering documents must be certified by a P.E. with current license and registration for work that was done by them or those under their direct supervision. The firm by which the P.E. is employed must also be authorized to practice engineering in New York State;</li><li>• qualified environmental professionals as defined at 6 NYCRR 375-1.2(ak) and DER-10 paragraph 1.3(b)49;</li><li>• remedial parties, as defined at 6 NYCRR 375-1.2(ao) and DER-10 paragraph 1.3(b)60; or</li><li>• site owners, which are the owners of the property comprising the site at the time of the certification.</li></ul>

## SECTION VI: Requestor Eligibility

As a separate attachment, provide complete and detailed information in response to any eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that such information be summarized. For properties with multiple addresses or tax parcels, please include this information for each address or tax parcel.

<b>Volunteer Statement</b>	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.
<b>Proof of Site Access</b>	If a requestor is not the current owner of the entirety of the site, a site access agreement <b>must be provided</b> that demonstrates that the requestor will have access to the property before signing the BCA and throughout the BCP project. Additionally, the access agreement must include language allowing the requestor the ability to place an environmental easement on the site should the requestor not be the owner at the time remediation is complete and a Track 1 cleanup has not been achieved.

## SECTION VII: Requestor Contact Information

<b>Requestor's Representative</b>	Provide information for the requestor's authorized representative. This is the person to whom all correspondence, notices, etc. will be sent, and who will be listed as the contact person in the BCA. Invoices will be sent to the representative of Applications determined to be Participants unless another contact name and address is provided with the application.
<b>Requestor's Consultant and Requestor's Attorney</b>	Provide all requested information.

## SECTION VIII: Program Fee

If the requestor is applying for a fee waiver, sufficient documentation must be provided to demonstrate financial hardship. To demonstrate financial hardship, the applicant must show that with the payment of the program fee, remediation of the brownfield site would not be economically viable. This documentation may be in the form of federal tax returns with applicable schedules, financial statements and balance sheets, proof that the applicant has waived its right to tax credits, or any other documentation deemed acceptable by the Department.

If the requestor is applying for a fee waiver based on the requestor's status as a not-for-profit entity, please provide documentation of non-profit designation.



## SECTION IX: Current Property Owner and Operator Information

<b>Owner Information</b>	Provide requested information of the current owner of the property. List <u>all</u> parties holding an interest in the property and, if the requestor is not the current owner, describe the requestor's relationship to the current owner. If the property consists of multiple parcels, be sure to include the ownership start date of each.
<b>Operator Information</b>	Provide requested information of the current operator(s). If multiple operators, attach the requested information for each operator, including the date each operator began utilizing the property.
<b>Historical Owners and Operators</b>	Provide a list of previous owners and a list of previous operators, including dates of ownership or operation and last-known addresses and phone numbers. Describe the requestor's relationship to each previous owner and operator; if no relationship, indicate "none". When describing the requestor's relationship to current and historical owners and operators, include any relationship between the requestor's corporate members and the previous owners and operators.

## SECTION X: Property Eligibility Information

As a separate attachment, provide complete and detailed information in response to the following eligibility questions answered in the affirmative. It is permissible to reference specific sections of existing property reports; however, it is requested that that information be summarized.

<b>CERCLA / NPL Listing</b>	Has any portion of the property ever been listed on the National Priorities List (NPL) established under CERCLA? If so, provide relevant information.
<b>Registry Listing</b>	Has any portion of the property ever been listed on the New York State Registry of Inactive Hazardous Waste Disposal Sites established under ECL 27-1305? If so, please provide the site number and classification. See the Division of Environmental Remediation (DER) <a href="#">website</a> for a database of sites with classifications.
<b>RCRA Listing</b>	Does the property have a Resource Conservation and Recovery Act (RCRA) TSD Permit in accordance with the ECL 27-0900 et seq? If so, please provide the EPA Identification Number, the date the permit was issued, and its expiration date. Note: for purposes of this application, interim status facilities are not deemed to be subject to a RCRA permit.
<b>Registry/RCRA Sites Owned by Volunteers</b>	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.

**SECTION X: Property Eligibility Information (CONTINUED)**

<b>Existing Order</b>	Is the property subject to an order for cleanup under Article 12 of the Navigation Law or Article 17 Title 10 of the ECL? If so, please provide information on an attachment. Note: if the property is subject to a stipulation agreement, relevant information should be provided; however, property will not be deemed ineligible solely on the basis of the stipulation agreement.
<b>Pending Enforcement Actions</b>	Is the property subject to an enforcement action under Article 27, Titles 7 or 9 of the ECL or subject to any other ongoing state or federal enforcement action related to the contamination which is at or emanating from the property? If so, please provide information as an attachment.

**SECTION XI: Site Contact List**

Provide the names and addresses of the parties on the Site Contact List (SCL) and a letter from the repository acknowledging agreement to act as the document repository for the proposed BCP project. For sites located in a city with a population of one million or more, the appropriate community board must be included as an additional document repository, and acknowledgement of their agreement to act as such must also be provided.

**SECTION XII: Statement of Certification and Signatures**

The requestor must sign the application or designate a representative who is authorized to sign. The requestor's consultant or attorney cannot sign the application. If there are multiple parties applying, then each requestor must sign a signature page. 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 entity's name must appear exactly as given in the NYS Department of State's Corporation & Business Entity Database.

## DATA SUMMARY TABLE INSTRUCTIONS

Data summary tables should include the following columns:

Soil Table:

Analytes > SCOs <sup>a</sup>	Detections > SCOs <sup>b</sup>	Max. Detection (ppm) <sup>c</sup>	SCO (ppm) <sup>d</sup>	Depth (ft bgs)
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Groundwater Table:

Analytes > AWQS <sup>e</sup>	Detections > AWQS <sup>f</sup>	Max. Detection (ppb) <sup>c</sup>	AWQS (ppb) <sup>g</sup>
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Soil Gas Table:

Analytes <sup>h</sup>	Total Detections	Max. Detection (ug/m3) <sup>c</sup>	Type <sup>i</sup>
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<sup>a</sup> Include all contaminants over the applicable soil cleanup objectives (SCOs). Column header should specify which SCOs are being compared to. (i.e., "RRSCOs" for Restricted Residential SCOs)

<sup>b</sup> Number of detections over applicable SCOs. Specify which SCOs are being compared to in column header.

<sup>c</sup> Maximum detection in parts per million (ppm) for soil, parts per billion (ppb) for groundwater, or micrograms per cubic meter (ug/m3) for soil gas.

<sup>d</sup> List the respective SCO. Specify which SCOs are being compared to in column header.

<sup>e</sup> Include all contaminants over Class GA Ambient Water Quality Standards (AWQS).

<sup>f</sup> Number of detections over AWQS.

<sup>g</sup> List the respective AWQS.

<sup>h</sup> Include all chlorinated volatile organic compound (VOCs) detections.

<sup>i</sup> Specify type: soil vapor, sub-slab or indoor air.

## Example Data Summary Tables

**Soil Table:**

Analytes > RR SCOs	Detections > RR SCOs	Maximum Detection (ppm)	RR SCO (ppm)	Depth (ft bgs)
Benzo(a)anthracene	3	11	1	5 – 7
Benzo(a)pyrene	4	15	1	5 – 7
Benzo(b)fluoranthene	5	15	1	5 – 7
Benzo(k)fluoranthene	1	5.3	3.9	5 – 7
Indeno(1,2,3-cd)pyrene	7	8.4	0.5	5 – 7
barium	2	967	400	0.5 – 2.5
cadmium	2	94.1	4.3	6 – 8
lead	3	1,790	400	0.5 – 2.5

**Groundwater Table:**

Analytes > AWQS	Detections > AWQS	Max. Detection (ppb)	AWQS (ppb)
Benz(a)anthracene	2	0.2	0.002
Benzo(a)pyrene	2	0.221	ND
Benzo(b)fluoranthene	2	0.179	0.002
Benzo(k)fluoranthene	2	0.189	0.002
Indeno(1,2,3-cd)pyrene	2	0.158	0.002
Tetrachloroethene (PCE)	1	12	5

**Soil Gas Table:**

Analytes	Total Detections	Max. Detection (µg/m³)	Type
Carbon tetrachloride	1	0.84	Soil vapor
Methylene chloride	1	2.6 J	Soil vapor
Tetrachloroethene	2	47	Soil vapor
Trichloroethene	1	1.2	Soil vapor
Trichlorofluoromethane	1	21	Soil vapor

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

## DETERMINATION OF A COMPLETE APPLICATION

1. The first step in the application review and approval process is an evaluation to determine if the application is complete. To help ensure that the application is determined complete, requestors should review the list of common application deficiencies and carefully read these instructions.
2. DEC will send a notification to the requestor within 30 calendar days of receiving the application, indicating whether such application is complete or incomplete.
3. An application must include the following information relative to the site identified by the application, necessary for making an eligibility determination, or it will be deemed incomplete. (Please note: the application as a whole requires more than the information outlined below to be determined complete). The application must include:
  - a. for all sites, an investigation report sufficient to demonstrate the site requires remediation in order to meet the requirements of the program, and that the site is a brownfield site at which contaminants are present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations. Required data includes site drawings requested in Section IV, #3 of the BCP application form.
  - b. for those sites described below, documentation relative to the volunteer status of all requestors, as well as information on previous owners or operators that may be considered responsible parties and their ability to fund remediation of the site. This documentation is required for:
    - i. real property listed in the registry of inactive hazardous waste disposal sites as a class 2 site, which may be eligible provided that DEC has not identified any responsible party for that property having the ability to pay for the investigation or cleanup of the property prior to the site being accepted into the BCP; or
    - ii. real property that was a hazardous waste treatment, storage or disposal facility having interim status pursuant to the Resource Conservation and Recovery Act (RCRA) program, which may be eligible provided that DEC has not identified any responsible party for that property having the ability to pay for the investigation or cleanup of the property prior to the site being accepted into the BCP.
  - c. for sites located within the five counties comprising New York City, in addition to (a) and if applicable (b) above, if the application is seeking a determination that the site is eligible for tangible property tax credits, sufficient information to demonstrate that the site meets one or more of the criteria identified in ECL 27 1407(1-a). 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.
  - d. for sites previously remediated pursuant to Titles 9, 13, or 14 of ECL Article 27, Title 5 of ECL Article 56, or Article 12 of Navigation Law, relevant documentation of this remediation.

## DETERMINATION OF A COMPLETE APPLICATION (CONTINUED)

4. If the application is found to be incomplete:
  - a. the requestor will be notified via email or phone call regarding minor deficiencies. The requestor must submit information correcting the deficiency to DEC within the 30-day review time frame; or
  - b. the requestor will receive a formal Letter of Incomplete Application (LOI) if an application is substantially deficient, if the information needed to make an eligibility determination identified in #4 above is missing or found to be incomplete, or if a response to a minor deficiency is not received within the 30-day period. The LOI will detail all of the missing information and request submission of the information. If the information is not submitted within 30 days from the date of the LOI, the application will be deemed withdrawn. In this case, the requestor may resubmit the application without prejudice.
5. If the application is determined to be complete, DEC will send a Letter of Complete Application (LOC) that includes the dates of the public comment period. The LOC will:
  - a. include an approved public notice to be sent to all parties on the Contact List included with the application;
  - b. provide instructions for publishing the public notice in the newspaper on the date specified in the letter, and instructions for mailing the notice to the Contact List;
  - c. identify the need for a certification of mailing form to be returned to DEC along with proof of publication documentation; and
  - d. specify the deadline for publication of the newspaper notice, which must coincide with, or occur before, the date of publication in the Environmental Notice Bulletin (ENB).
    - i. DEC will send a notice of the application to the ENB. As the ENB is only published on Wednesdays, DEC must submit the notice by the Wednesday before it is to appear in the ENB.
    - ii. The mailing to parties on the Contact List must be completed no later than the Tuesday prior to ENB publication. If the mailings, newspaper notice and ENB notice are not completed within the timeframes established by the LOC, the public comment period on the application will be extended to ensure that there will be the required comment period.
    - iii. Marketing literature or brochures are prohibited from being included in mailings to the Contact List.

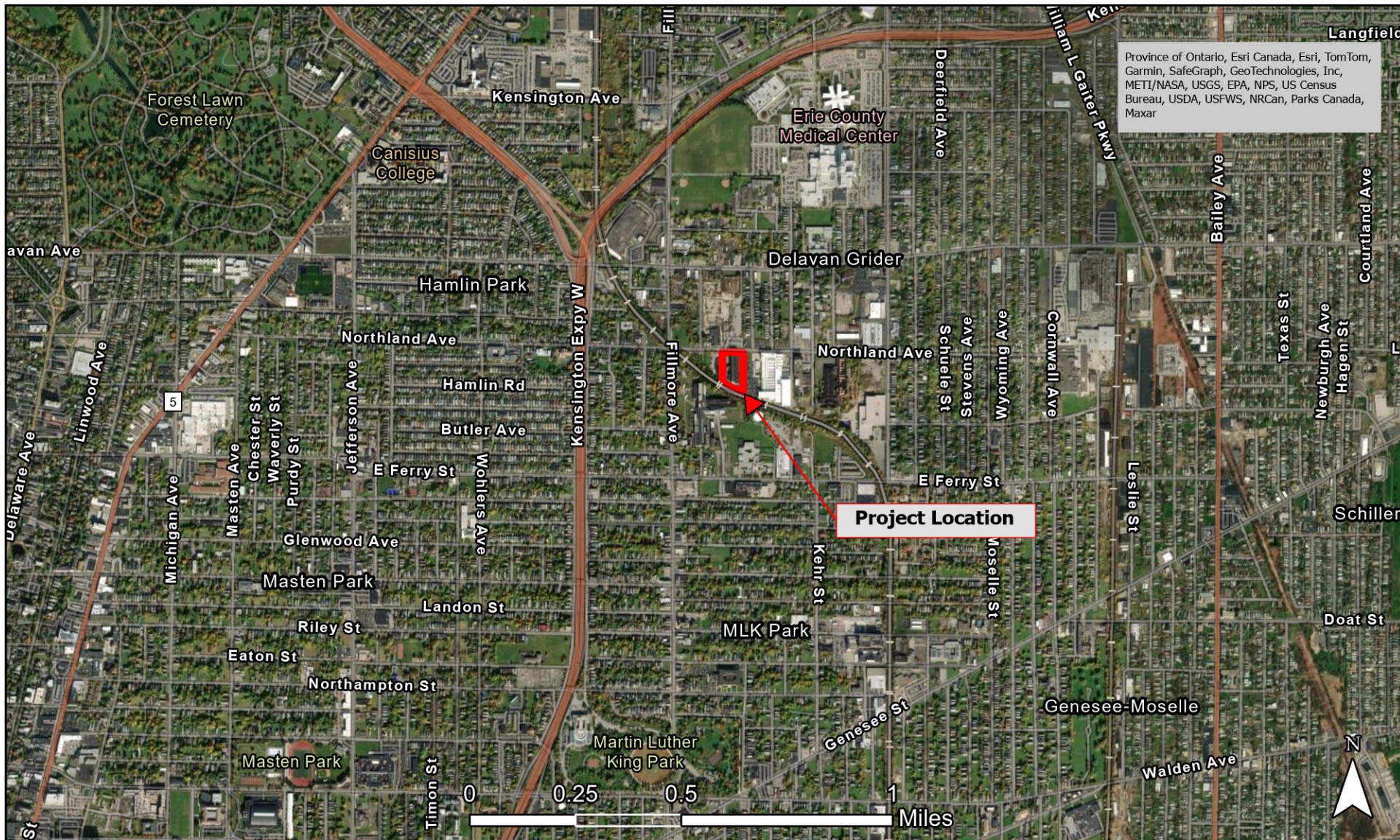



**Brownfield Cleanup Program Application  
Supporting Documentation  
631 Northland Avenue  
Buffalo, New York 14203**

**Section I Attachments:**

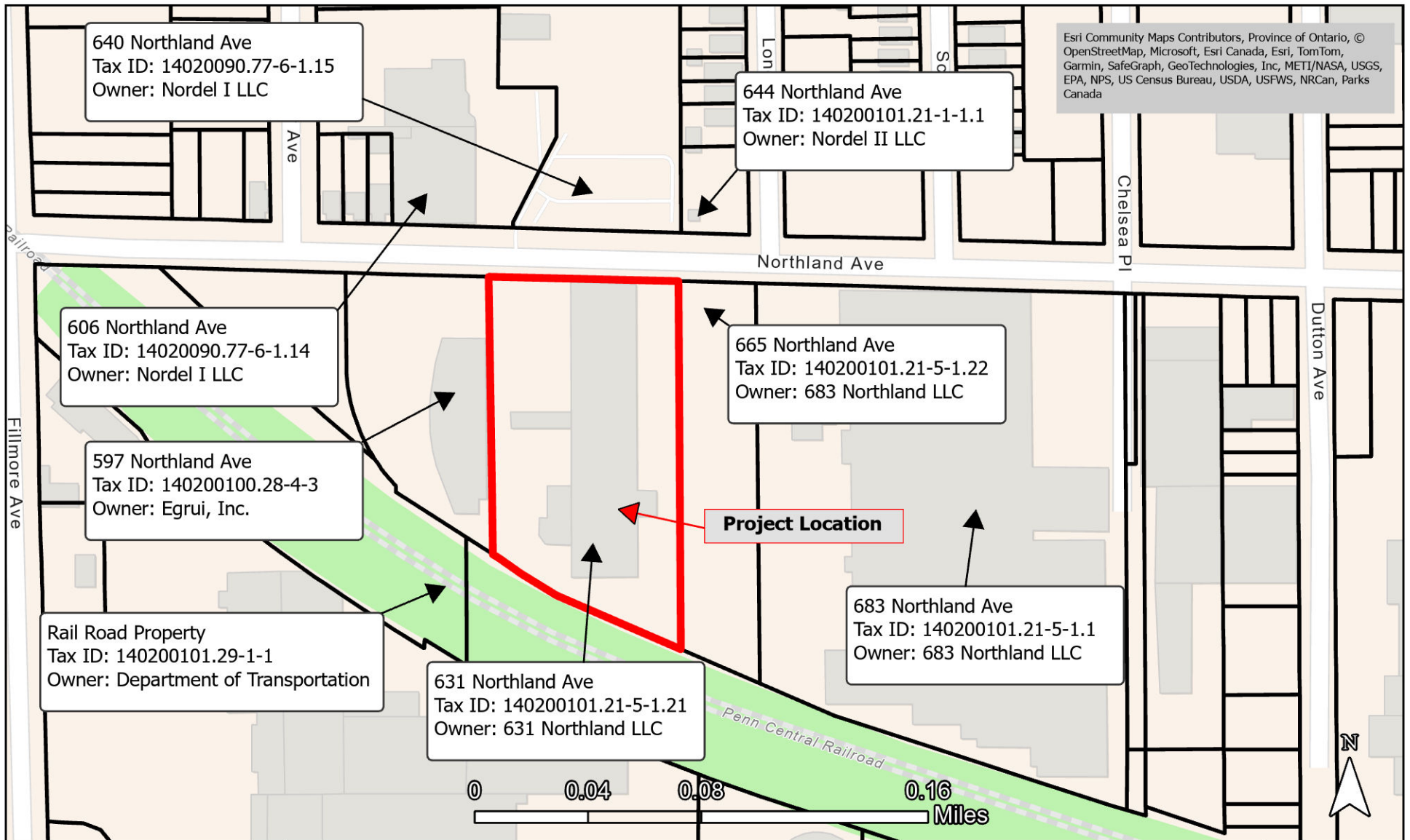
- 1) Property Location Map**
- 2) Site Map (with property/BCP boundary, and adjacent property information)**
- 3) Tax Parcel Map**
- 4) USGS 7.5-Minute Quad Map**
- 5) En-zone Overlay Map**
- 6) Disadvantaged Communities Overlay Map**
- 7) Property Description**
- 8) Environmental Assessment**




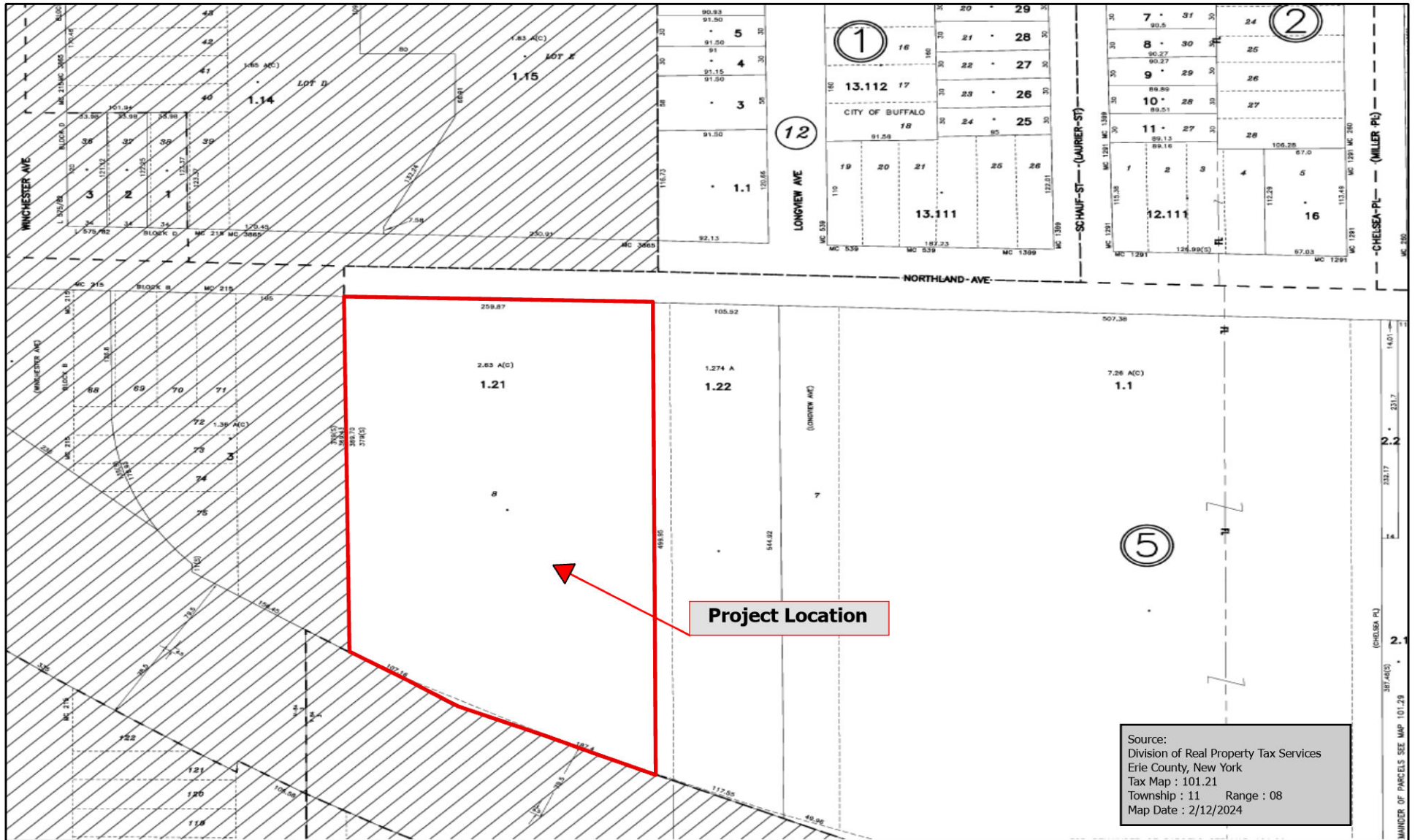


 <b>RAVI ENGINEERING &amp; LAND SURVEYING, P.C.</b>  2110 SOUTH CLINTON AVENUE, SUITE 1 ROCHESTER, NEW YORK 14618 TL: (585) 223-3660 FX (585) 697-1794	BUDC Building 631 631 Northland Avenue Buffalo, New York 14211		PROJECT NO. 43-24-029	DATE: SEP. 2024
	<b>PROJECT LOCATION MAP</b>		SCALE: N.T.S	DRAWING NO: 1





 <b>RAVI ENGINEERING &amp; LAND SURVEYING, P.C.</b> 2110 SOUTH CLINTON AVENUE, SUITE 1 ROCHESTER, NEW YORK 14618 TL: (585) 223-3660 FX (585) 697-1794	BUDC Building 631 631 Northland Avenue Buffalo, New York 14211		PROJECT NO. 43-24-029	DATE: SEP. 2024
	<b>SITE MAP</b>		SCALE: N.T.S	DRAWING NO: 2



Source:  
Division of Real Property Tax Services  
Erie County, New York  
Tax Map : 101.21  
Township : 11 Range : 08  
Map Date : 2/12/2024

**Ravi Engineering & Land Surveying, P.C.**

2110 SOUTH CLINTON AVENUE, SUITE 1  
ROCHESTER, NEW YORK 14618  
TL: (585) 223-3660 FX (585) 697-1794

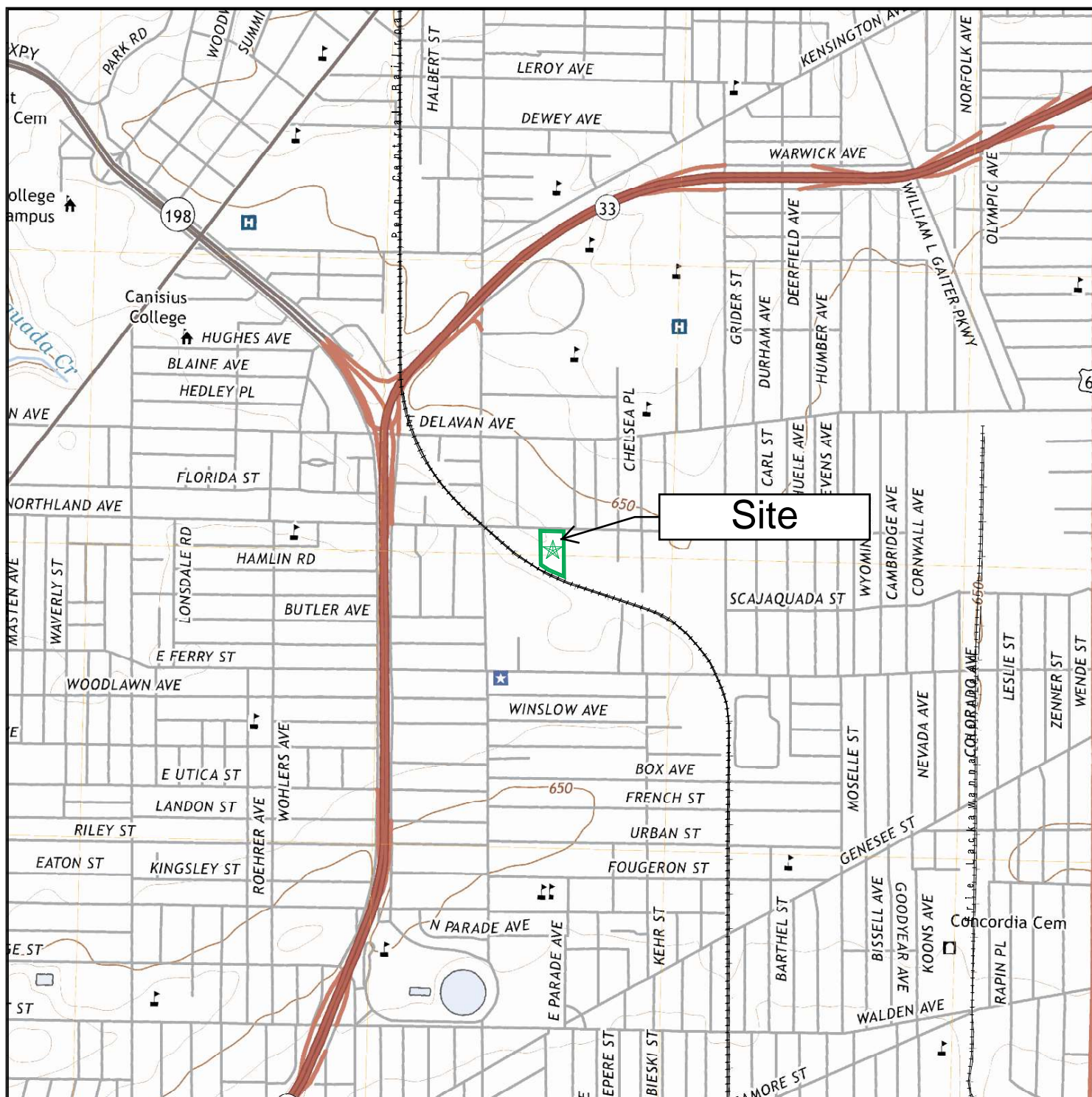
BUDC Building 631  
631 Northland Avenue  
Buffalo, New York 14211

**TAX PARCEL MAP**

PROJECT NO. <b>43-24-029</b>	DATE: <b>SEP. 2024</b>
SCALE: <b>N.T.S</b>	DRAWING NO: <b>2</b>



# USGS 7.5-Minute Quad Map



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard

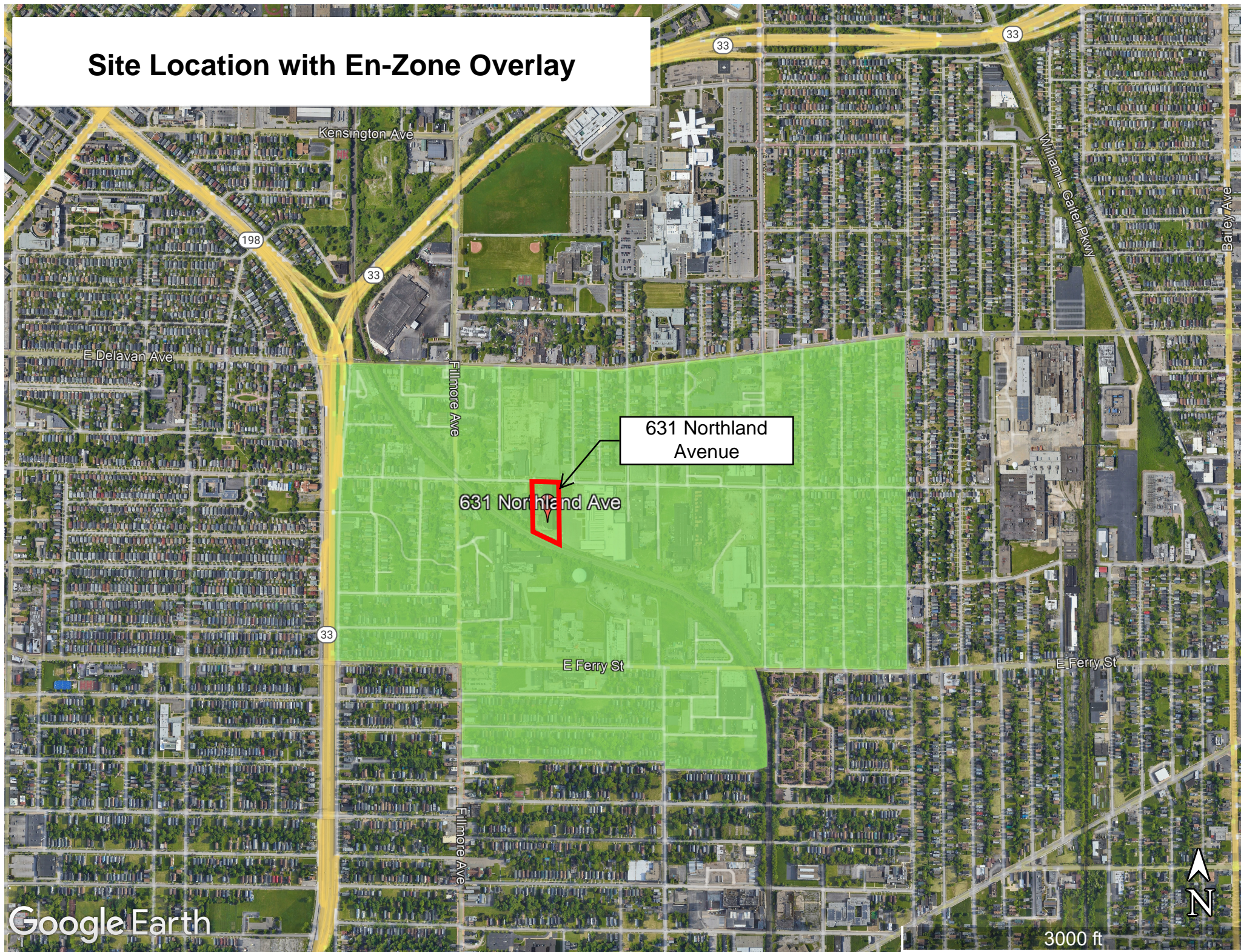
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 631 Northland Avenue  
 ADDRESS: 631 Northland Avenue  
 Buffalo NY 14211  
 LAT/LONG: 42.91832 / 78.836317

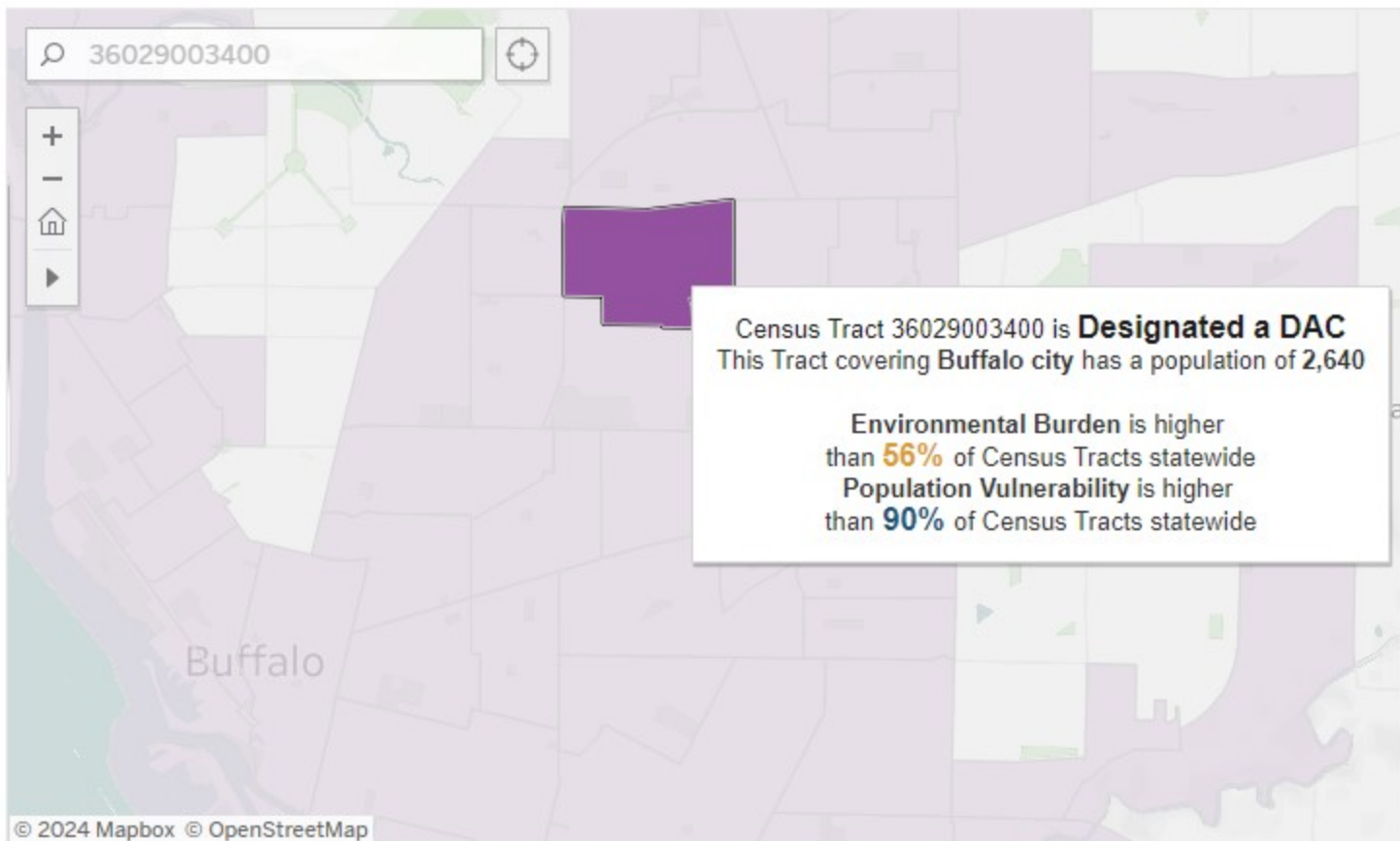
CLIENT: Ravi Engineering & Land Surveying, P.C.  
 CONTACT: Lynn.zicari  
 INQUIRY #: 7555240.2s  
 DATE: January 30, 2024 4:39 pm



# Site Location with En-Zone Overlay







Click a Single Census Tract on the Map to View Indicator Details ⓘ

### Population Characteristics & Vulnerability ...

Health Impacts & Burdens	Asthma ED visits	86%
	COPD ED visits	84%
	Heart attack (MI) Hospitalization	59%
	Low Birthweight	98%
	Pct Adults Age 65+	48%
	Pct w/ Disabilities	94%
	Pct w/o Health Insurance	44%
	Premature Deaths	70%
Housing, Mobility, Communications	Energy Poverty / Cost Burden	99%
	Homes Built Before 1960	74%
	Housing Cost Burden (Rental C...	80%
	Manufactured Homes	0%
	Pct Renter-Occupied Homes	68%
	Pct w/o Internet (home or cellul...	94%

### Environmental Burden & Climate Change Risk ...

Land Use & Historic Discrimination	Active Landfills	0%
	Housing Vacancy Rate	87%
	Industrial/Manufacturing/Mining La...	98%
	Major Oil Storage Facilities	0%
	Municipal Waste Combustors	0%
	Power Generation Facilities	0%
	Regulated Management Plan (Ch...	93%
	Remediation Sites	94%
	Scrap Metal Processing	75%
Potential Climate Change Risk	Agricultural Land Use	0%
	Coastal Flooding and Storm Risk ..	0%
	Driving Time to Urgent/Critical Care	43%
	Extreme Heat Projections (>90° d...	17%
	Inland Flooding Risk Areas	0%



# **BROWNFIELD CLEANUP PROGRAM APPLICATION**

## **631 NORTHLAND AVENUE, BUFFALO, NY**

### **Section I: Property Information**

#### **Section I.14a Property Description**

Location: The 631 Northland site is a 2.6-acre parcel located in an urban area addressed as 631 Northland Avenue in the City of Buffalo, New York. It is approximately 0.15 mile east of the intersection of Fillmore and Northland Avenues.

Site Features: The site contains an approximate 40,000 square foot vacant manufacturing facility. The building was constructed in 1953 as a metals fabricating plant and was a hub for the Niagara Machine & Tool Works Factory. The site is within a designated state and national historic district known as the “Northland Campus”, with the site building being a contributing structure. The site is improved with an approximate 24,000 sq. ft. asphalt parking lot to the east, and an approximate 13,800 sq. ft. concrete paved lot to the west. The site is bound by Northland Avenue on the north, and a New York Central Railroad (NYCRR) corridor on the south. Notable features of the building include furnaces for metal fabrication, a sandblaster, several overhead cranes, and a railroad spur.

Current Zoning and Land Use: The site is currently inactive and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and light industrial uses. The nearest residential area is 0.05 mile northeast on Longview Avenue.

Past Use of the Site: The site was developed in 1953 as a metal fabricating plant, operating under the name Clearing Niagara until 1992. It has been vacant since operations ceased in 1992.

Site Geology and Hydrogeology: Topography across the site is generally flat. Based on surficial topography, the presumed groundwater flow direction is southwest towards Lake Erie. Bedrock consists of limestone, with depths ranging from approximately 9 to 11 feet below ground surface (bgs).

#### **Section I.14b Environmental Assessment**

Based upon investigations conducted to date, the primary contaminants of concern for the site include Polycyclic Aromatic Hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals.

**BROWNFIELD CLEANUP PROGRAM APPLICATION**  
**631 NORTHLAND AVENUE, BUFFALO, NY**

**Soil** – PAHs were found in shallow soils (0-13”), in a wide distribution across the site. The concentrations of Benzo(a)anthracene (14 parts per million, or “ppm”), Benzo(a)pyrene (23.6 ppm), Benzo(b)fluoranthene (22.3 ppm), Dibenzo (a,h) anthracene (5.55 ppm), and Indeno (1,2,3-cd) pyrene (15.9 ppm) exceed Part 375 Industrial Use Soil Cleanup Objectives (SCO).

Metals were also found in shallow soils. The concentrations of arsenic (24 ppm) and manganese (19,100) exceed the Industrial Use SCO. Copper was found at 2,070 ppm, exceeding the Commercial Use SCO. Cadmium, chromium, lead, nickel, selenium, and zinc concentrations exceed the Unrestricted Use SCO.

PCBs were detected in shallow soils along the railroad tracks on the southern end of the site and on the western side of the Site building. All detections exceed the Unrestricted Use SCO.

Petroleum odors were noted in one boring on the south side of the site building at a depth of 4-6 feet bgs; m,p-xylene was detected at a concentration below the Unrestricted Use SCO.

Trichloroethylene (TCE) was detected in one sample at a depth of 2-4 feet bgs on the south side of the site building at a concentration of 0.011 ppm, below the Unrestricted Use SCO of 0.47 ppm.

**Groundwater** – Limited groundwater sampling was conducted. Samples were collected on the south and west side of the site building, and were analyzed for volatile organic compounds (VOCs) and PAHs. No analytes were detected.

**Soil Vapor and Indoor Air** have not been investigated to date.

**BROWNFIELD CLEANUP PROGRAM APPLICATION**  
**631 NORTHLAND AVENUE, BUFFALO, NY**

**Section II Project Description**

**Section II.4** - Project Design began in early 2024 and will be completed in early 2025. It is phase 4 of a multi-year redevelopment of several properties. The first phase includes the Northland Central, which was completed in 2018 and was a volunteer in the NYS Brownfield Cleanup Program. The design includes architecture, civil, structural, mechanical, electrical, plumbing, fire protection, environmental, and historic components.

The State Historic Preservation Office (SHPO) Part 1 was submitted and approved in 2024. SHPO Part 2 will be submitted in late 2024, with approval anticipated for early 2025 after which time, final construction documents will be completed and submitted to the City of Buffalo for permitting. The SHPO 3 part historic process adds to the overall design duration. As the project will be following the Secretary of the Interiors Standards as they relate to historic preservation, much of the existing fabric of the building will be maintained or reintroduced. This will include truck access into and around the building, along with removal of the exterior furnace, a new parking lot, and building utilities.

The project will be competitively bid. Neither a construction manager nor a general contractor have been engaged to date.

Should this project be accepted into the BCP, the project schedule will be re-evaluated. Cleanup will likely begin in late 2025 and completed in 2026 with a Certificate of Completion (COC) target date of December 2026.

# **BROWNFIELD CLEANUP PROGRAM APPLICATION**

## **631 NORTHLAND AVENUE, BUFFALO, NY**

### **Section III Land Use Factors**

#### **Section III.4**

The building is currently vacant and is not used other than for incidental, temporary storage.

Just prior to when Nordel II, LLC (a wholly-owned subsidiary of Buffalo Urban Development Corporation) acquired the property on April 7, 2015, the property was utilized by the former owner, Northland West, LLC to store industrial cranes. The building was empty when it was acquired by Nordel II, LLC on April 7, 2015 and remained vacant when ownership was transferred by Nordel II, LLC to 631 Northland LLC (a BUDC wholly-owned subsidiary) on July 1, 2021. There have been no tenants since April 7, 2015.

As previously mentioned, the building was used for making tools. There are loose wood blocks covering the slab on grade, presumably to capture any oil or contaminants, such as PCB-containing oils, TCE, and other solvents used in the manufacturing process that would have landed on the ground. As these blocks cover a large portion of the floor, no staining has been viewed, but there is the possibility that it could be found once the slab is clear of the blocks and other debris. There is also a large amount of lead-based paint on many of the surfaces within the building, as well as asbestos containing materials (ACM) in the window caulk and building fabric. The building is not currently in use aside from general storage for the Northland Campus.

In September 2014, Governor Andrew M. Cuomo and City of Buffalo Mayor Byron W. Brown announced plans for the acquisition and brownfield redevelopment of fifty (50) acres of vacant and underutilized land, as well as over 700,000 square feet of industrial buildings along the City's Northland Beltline Corridor located in East Buffalo. As part of the Buffalo Billion Initiative, the objective was to create a state-of-the-art hub campus for workforce training and advanced manufacturing and to spur new economic opportunities and job creation in the City of Buffalo.

As lead developer and owner/manager, BUDC is overseeing the project. Working with Empire State Development (ESD) and the New York Power Authority (NYPA), a multi-phase redevelopment strategy was formulated that focuses on advanced manufacturing, technology, clean energy, and green initiatives. Since 2014, New York State, through ESD, has awarded BUDC approximately \$105 million dollars in grant funding for the redevelopment of the Northland Corridor.

**Section III.6** - The building will be brought up to code to serve a new manufacturing tenant. The tenant has not yet been identified, therefore the project design is based on input from industry leaders.

**Section III.8** - Yes, the proposed use is a supported use with manufacturing space being in high demand in much of the country and especially areas like Buffalo.

## **BROWNFIELD CLEANUP PROGRAM APPLICATION**

### **631 NORTHLAND AVENUE, BUFFALO, NY**

#### **Completed Phases of Northland Redevelopment**

ESD initially awarded BUDC grant funding to acquire multiple vacant properties in the Northland Corridor as well as to complete site planning, site and building conditions assessments and contamination investigations. Through several LLC subsidiaries, BUDC acquired a total of twelve properties in the Northland Avenue neighborhood, totaling approximately 700,000 square feet of existing structures.

The first phase of the Northland redevelopment project was anchored by the Northland Workforce Training Center (“NWTC”) at 683 Northland Avenue and included the transformation of 120,000 square foot of space to include administrative areas, classrooms, industrial shops, and labs to provide workforce training with a focus on residents of East Buffalo. The remaining 115,000 square feet was transformed into additional office and manufacturing space for select tenants, including Buffalo Manufacturing Works, Insyte Consulting, ReTech Systems, and Rodriguez Construction Group. The first phase also included the demolition of the former Houdaille main plant, as well as the renovation of the ‘A’ building at 612 Northland Avenue to temporarily house the Albright-Knox Art Gallery. In total, ESD provided BUDC with approximately \$23 million dollars in funding towards the first phase of redevelopment at Northland.

Phase 2 of the redevelopment featured core and shell rehabilitation to remaining portions of 683 Northland Avenue and also included improvements to the surrounding streetscape. Work included the enhancement of traffic flow, as well as the installation of new signage, pavement markings, traffic signals, and safety cameras. The pedestrian environment was also improved with the adaption of new granite curbs, curb extensions, wider sidewalks, ADA-compliant sidewalk ramps, and audible pedestrian signals. In addition, new trees were planted, lighting was added, and a public space was created at 577 Northland Avenue. ESD provided approximately \$25 million in grant funding for Phase 2 redevelopment.

#### **Phase 3 of Northland Redevelopment**

On September 1, 2022, ESD’s Western New York regional office was awarded approximately \$25,000,000 through the federal Economic Development Administration (EDA) Build Back Better Regional Challenge to invest in East Buffalo and accelerate the growth of advanced manufacturing in the region. Of these grant funds, \$14,400,000 was awarded to BUDC to be used for Phase 3 of the redevelopment of the Northland Corridor.

Phase 3 of the project includes the renovation of approximately 44,000 square feet at 541 E. Delavan Avenue for industrial use; the renovation of the 10,000+/- square foot “B” building at 612 Northland Avenue; upgrades to the electric substation at 644 Northland and implementation of other clean energy components; and the construction of 120 new parking spaces. Funding sources for Phase 3 include a \$14.4 million dollar award from the U.S. Economic Development Administration under the Build Back Better Regional Challenge

## **BROWNFIELD CLEANUP PROGRAM APPLICATION**

### **631 NORTHLAND AVENUE, BUFFALO, NY**

#### **Phase 4 of Northland Redevelopment**

In April 2022, Governor Kathy Hochul announced that \$55 million dollars would be made available for Phases 3 and 4 of redevelopment in the Northland Corridor. In April 2023, the Empire State Development (“ESD”) Board of Directors approved the allocation of funding to BUDC from its Regional Economic & Community Assistance Program (“RECAP”), which was authorized in the 2022-2023 New York State budget. Approximately \$33.9 million dollars of RECAP funding is allocated towards Phase 4 of the Northland redevelopment.

This next phase of development in the Northland Corridor will build upon prior phases of investment in the campus and will involve a combination of the rehabilitation of existing buildings and demolition and new construction at 631 Northland, 777 Northland, 741 Northland, and 537 E. Delavan. It is projected that Phase 4 will result in nearly 250,000 square feet of new commercial, manufacturing and community space. Phase 4 of redevelopment is occurring concurrently with the Phase 3 redevelopment.

Section III.9 - The project site is zone M-1 – Light Industrial. The proposed use is consistent with current zoning. Note: there is no change of use.

#### **Section III.9 Attachment - City of Buffalo Zoning Map**

Section III.10 - The proposed project is consistent with applicable community master plans. As previously noted, this project is phase 4 in a multi-phased project.



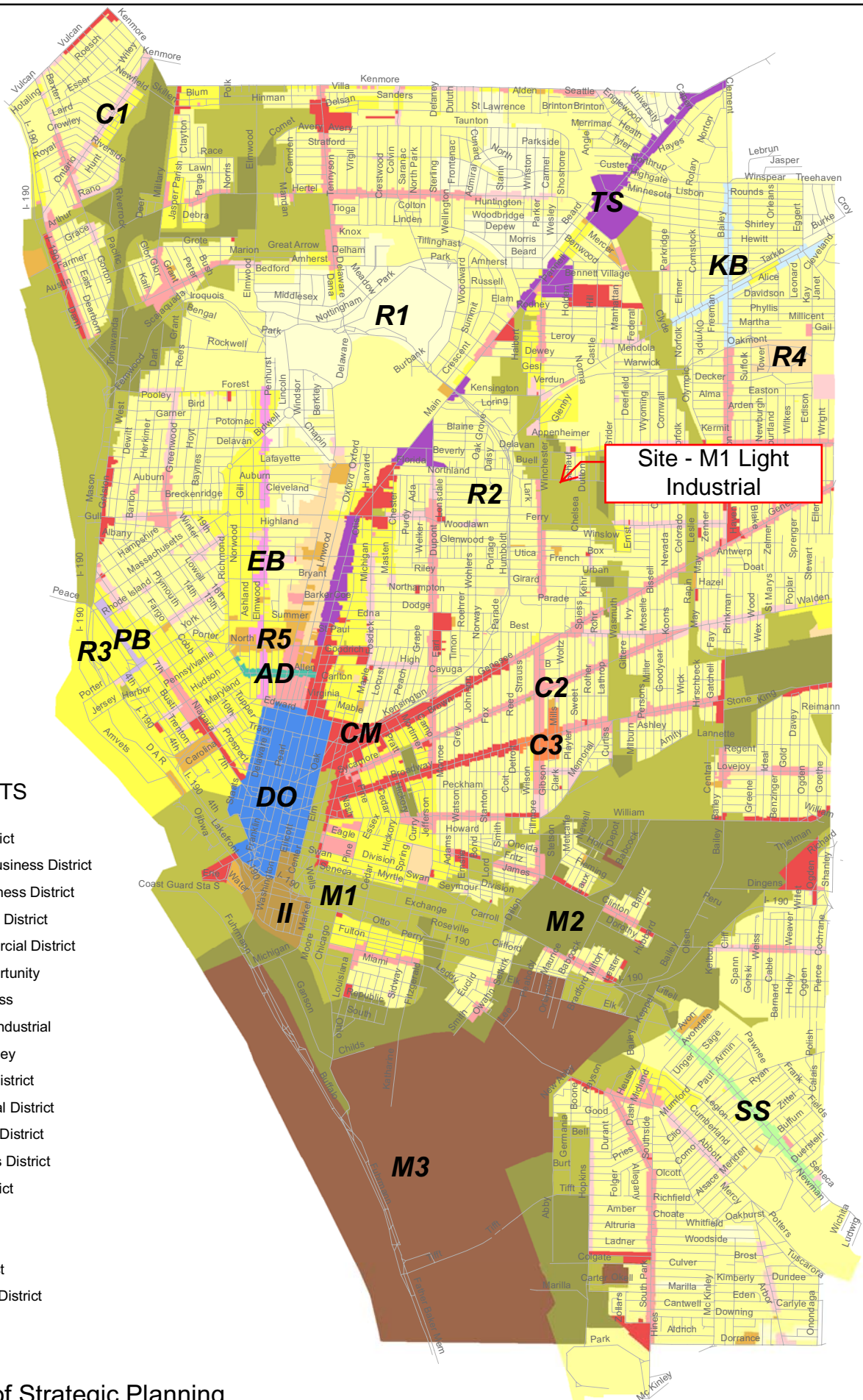


## Legend

Streets

## ZONING DISTRICTS

- AD - Allen Street District
- C1 - Neighborhood Business District
- C2 - Community Business District
- C3 - Central Business District
- CM - General Commercial District
- DO - Downtown Opportunity
- EB - Elmwood Business
- II - Institutional/Light Industrial
- KB - Kensington - Bailey
- M1 - Light Industrial District
- M2 - General Industrial District
- M3 - Heavy Industrial District
- PB - Porter - Business District
- R1 - One-Family District
- R2 - Dwelling District
- R3 - Dwelling District
- R4 - Apartment District
- R5 - Apartment Hotel District
- SS - Seneca Street
- TS - Transit Station



Office of Strategic Planning  
City of Buffalo  
October 05, 2005

*Note: For display purposes only. For official zoning information, contact the Office of Strategic Planning's Land Use Administration Services Office, Rm901, Buffalo City Hall*

**BROWNFIELD CLEANUP PROGRAM APPLICATION**  
**631 NORTHLAND AVENUE, BUFFALO, NY**

**Section IV Property's Environmental History**

**Section IV Attachments**

- 1) Phase I & II Reports (Attached Separately)**
- 2) Data Summary Tables**
- 3) Site Drawings**
- 4) Laboratory Analytical Report**

# DATA SUMMARY TABLES

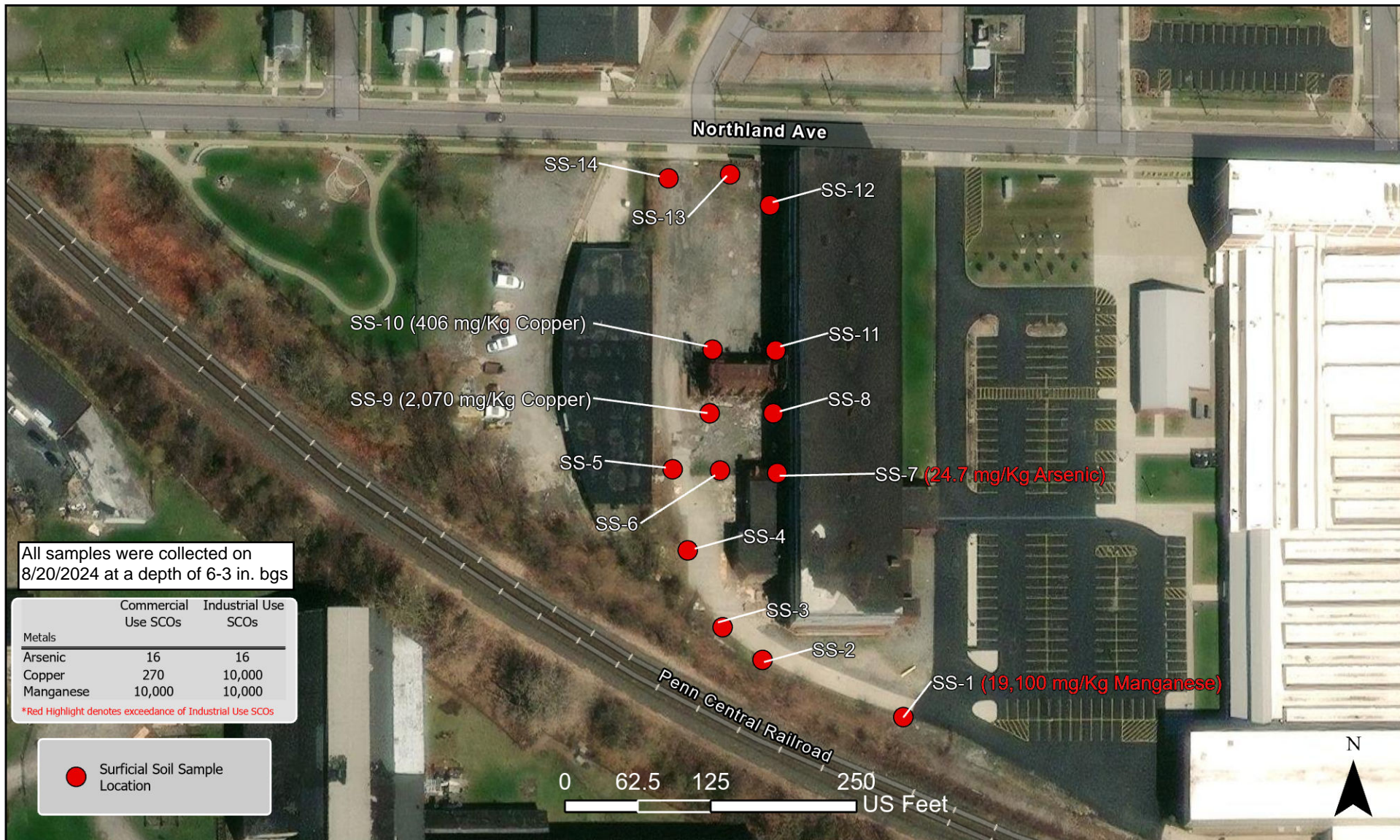
## Soil Table:

Analytes>Industrial Soil Cleanup Objective (ISCO)	Detections>ISCO	Maximum Detection (ppm)	Industrial SCO (ppm)	Depth (ft bgs)
Benzo (a) anthracene <sup>1</sup>	1	14.9	11	0-1
Benzo (a) pyrene <sup>1</sup>	9	23.6	1.1	0-1
Benzo (b) fluoranthene <sup>1</sup>	1	22.3	11	0-1
Dibenz (a,h) anthracene <sup>1</sup>	6	5.55	1.1	0-1
Indeno (1,2,3-cd) pyrene <sup>1</sup>	1	15.9	11	0-1
Arsenic <sup>1</sup>	2	24.7	16	0-4
Manganese <sup>1</sup>	1	19,100	10,000	0-1

## REFERENCES - Laboratory Analytical Reports (Attached)

<sup>1</sup>Ravi 243844\_Shallow Soil Samples





All samples were collected on  
8/20/2024 at a depth of 6-3 in. bgs

	Commercial Use SCOs	Industrial Use SCOs
Metals		
Arsenic	16	16
Copper	270	10,000
Manganese	10,000	10,000

\*Red Highlight denotes exceedance of Industrial Use SCOs

● Surficial Soil Sample  
Location

**RAVI ENGINEERING  
& LAND SURVEYING, P.C.**

2110 SOUTH CLINTON AVENUE, SUITE 1  
ROCHESTER, NEW YORK 14618  
TL: (585) 223-3660 FX (585) 697-1794

BUDC Building 631  
631 Northland Avenue  
Buffalo, New York 14211

PROJECT NO.  
43-24-029

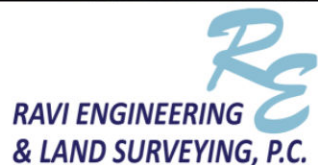
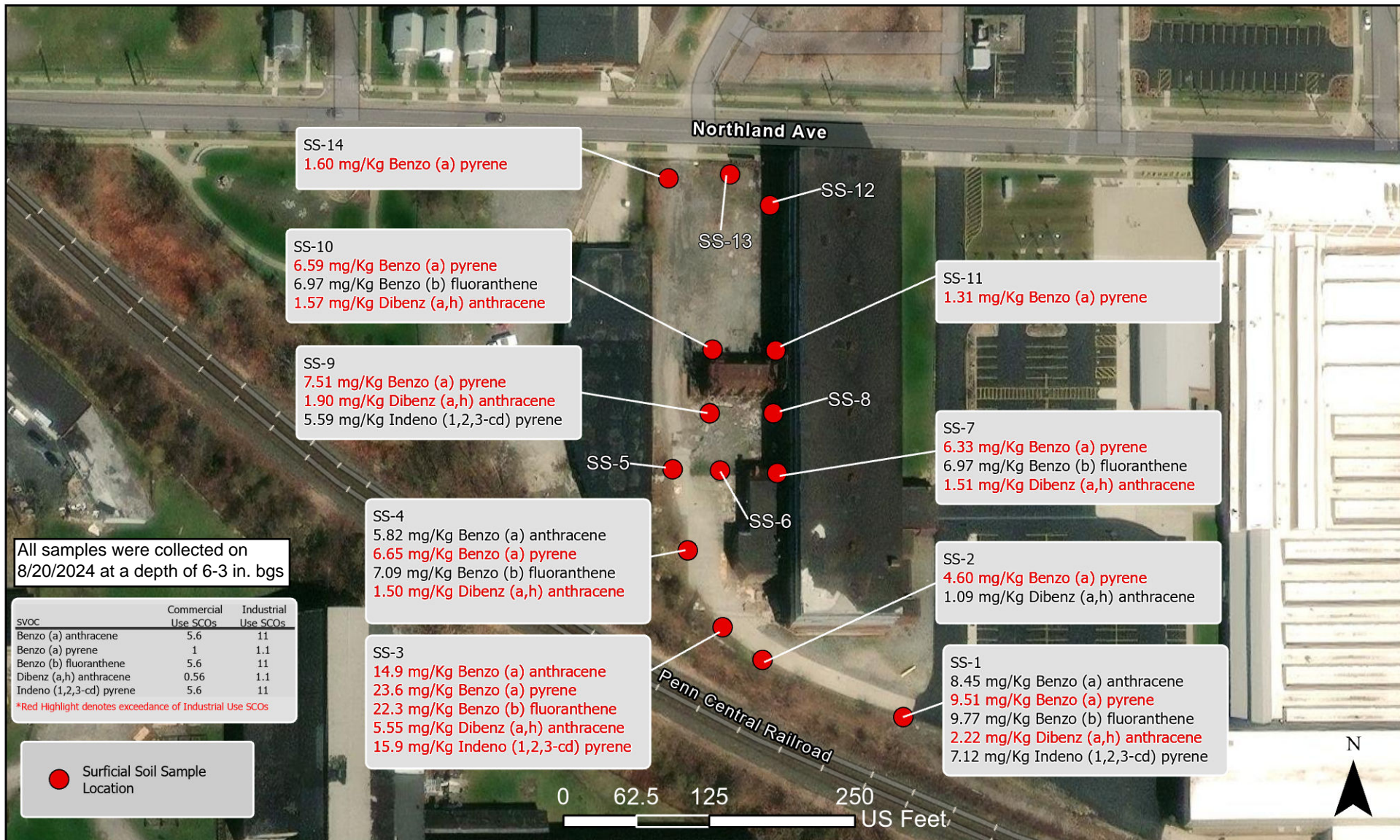
DATE:  
SEP. 2024

## SURFICIAL SOIL SAMPLE RESULTS SOIL CLEANUP OBJECTIVE EXCEEDANCES - Metals

SCALE:  
N.T.S

DRAWING NO:  
2





2110 SOUTH CLINTON AVENUE, SUITE 1  
ROCHESTER, NEW YORK 14618  
TL: (585) 223-3660 FX (585) 697-1794

BUDC Building 631  
631 Northland Avenue  
Buffalo, New York 14211

PROJECT NO.  
43-24-029

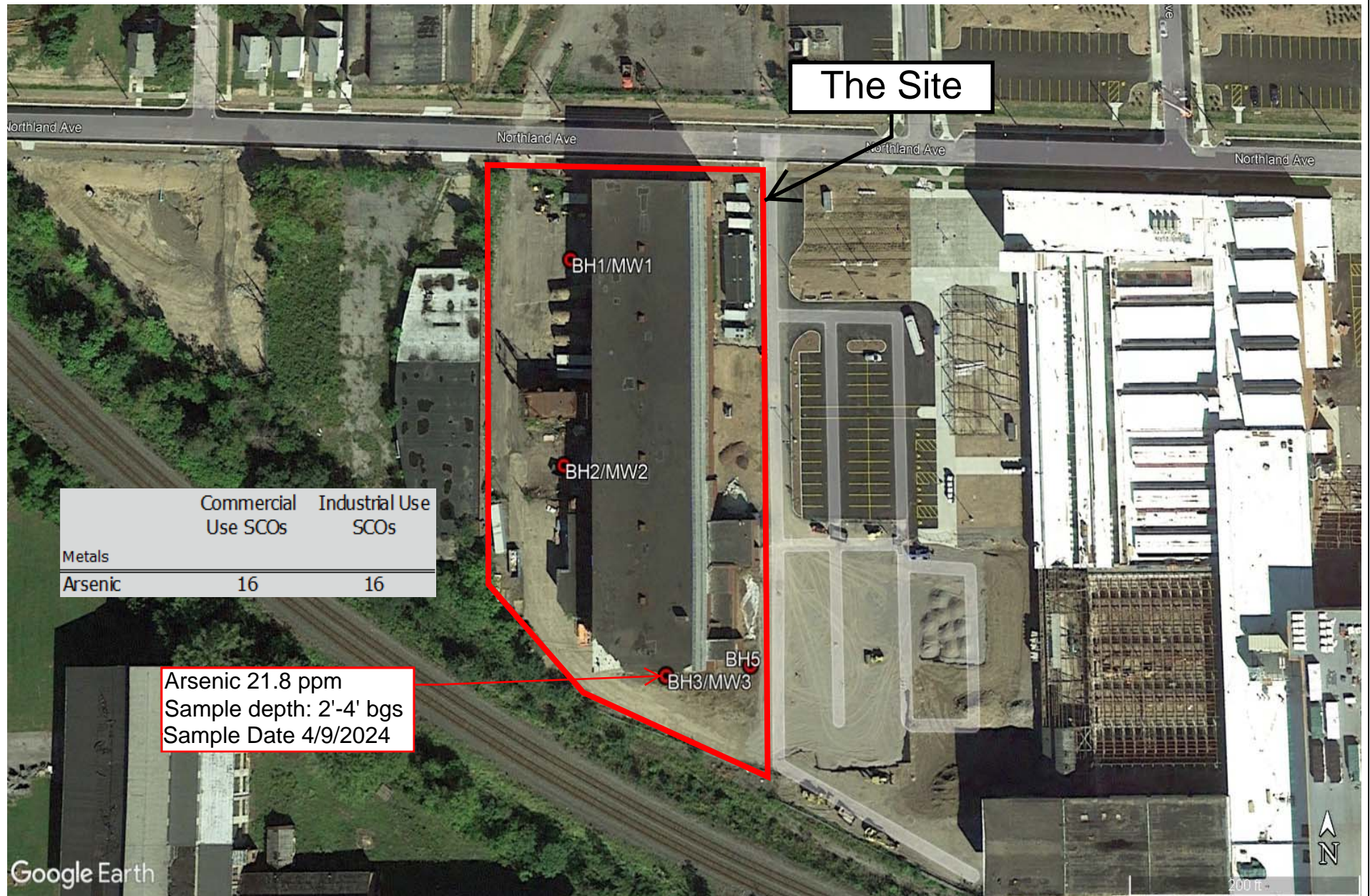
DATE:  
SEP. 2024

## SURFICIAL SOIL SAMPLE RESULTS SOIL CLEANUP OBJECTIVE EXCEEDANCES - SVOCs

SCALE:  
N.T.S

DRAWING NO:  
3









**PARADIGM**  
ENVIRONMENTAL SERVICES, INC.

*Analytical Report For*  
**Ravi Engineering & Land Surveying, P.C.**

*For Lab Project ID*

**243844**

*Referencing*

631 Northland Ave

*Prepared*

Friday, August 30, 2024

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

---

A handwritten signature in cursive script that reads "Emily Faumen".

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-1

Lab Sample ID: 243844-01

Date Sampled: 8/20/2024 11:00

Matrix: Soil

Date Received 8/21/2024

**Mercury**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Mercury	0.101	mg/Kg		8/26/2024 15:47
Method Reference(s): EPA 7471B				
Preparation Date: 8/26/2024				
Data File: Hg240826B				

**TAL Metals (ICP)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Aluminum	5610	mg/Kg		8/23/2024 16:29
Antimony	14.4	mg/Kg		8/23/2024 16:29
Arsenic	6.38	mg/Kg		8/23/2024 16:29
Barium	136	mg/Kg		8/23/2024 16:29
Beryllium	< 0.759	mg/Kg		8/23/2024 16:29
Cadmium	4.18	mg/Kg		8/23/2024 16:29
Calcium	147000	mg/Kg		8/23/2024 16:44
Chromium	948	mg/Kg		8/23/2024 16:29
Cobalt	9.74	mg/Kg		8/23/2024 16:29
Copper	132	mg/Kg		8/23/2024 16:29
Iron	85700	mg/Kg		8/23/2024 16:44
Lead	187	mg/Kg		8/23/2024 16:29
Magnesium	17400	mg/Kg		8/23/2024 16:29
Manganese	19100	mg/Kg		8/23/2024 16:44
Nickel	44.7	mg/Kg		8/23/2024 16:29
Potassium	597	mg/Kg		8/23/2024 16:29
Selenium	< 3.04	mg/Kg		8/23/2024 16:29
Silver	< 1.52	mg/Kg		8/23/2024 16:29
Sodium	849	mg/Kg		8/23/2024 16:29
Thallium	< 3.80	mg/Kg		8/23/2024 16:29
Vanadium	402	mg/Kg		8/23/2024 16:29

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Lab Project ID: 243844

 Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-1

Lab Sample ID: 243844-01

Date Sampled: 8/20/2024 11:00

Matrix: Soil

Date Received 8/21/2024

 Zinc **699** mg/Kg 8/23/2024 16:29

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
PCB-1016	< 0.137	mg/Kg		8/23/2024 18:05
PCB-1221	< 0.137	mg/Kg		8/23/2024 18:05
PCB-1232	< 0.137	mg/Kg		8/23/2024 18:05
PCB-1242	< 0.137	mg/Kg		8/23/2024 18:05
PCB-1248	<b>0.490</b>	mg/Kg		8/23/2024 18:05
PCB-1254	<b>0.356</b>	mg/Kg		8/23/2024 18:05
PCB-1260	< 0.137	mg/Kg		8/23/2024 18:05
PCB-1262	< 0.137	mg/Kg		8/23/2024 18:05
PCB-1268	< 0.137	mg/Kg		8/23/2024 18:05

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>
Tetrachloro-m-xylene	<b>74.3</b>	16.1 - 102		8/23/2024 18:05

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/22/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
1,1-Biphenyl	< 606	ug/Kg		8/27/2024 18:22
1,2,4,5-Tetrachlorobenzene	< 606	ug/Kg		8/27/2024 18:22
1,2,4-Trichlorobenzene	< 606	ug/Kg		8/27/2024 18:22
1,2-Dichlorobenzene	< 606	ug/Kg		8/27/2024 18:22
1,3-Dichlorobenzene	< 606	ug/Kg		8/27/2024 18:22
1,4-Dichlorobenzene	< 606	ug/Kg		8/27/2024 18:22
2,2-Oxybis (1-chloropropane)	< 606	ug/Kg		8/27/2024 18:22
2,3,4,6-Tetrachlorophenol	< 606	ug/Kg		8/27/2024 18:22

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-1

**Lab Sample ID:** 243844-01

**Date Sampled:** 8/20/2024 11:00

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 606	ug/Kg	8/27/2024 18:22
2,4,6-Trichlorophenol	< 606	ug/Kg	8/27/2024 18:22
2,4-Dichlorophenol	< 606	ug/Kg	8/27/2024 18:22
2,4-Dimethylphenol	< 606	ug/Kg	8/27/2024 18:22
2,4-Dinitrophenol	< 2430	ug/Kg	8/27/2024 18:22
2,4-Dinitrotoluene	< 606	ug/Kg	8/27/2024 18:22
2,6-Dinitrotoluene	< 606	ug/Kg	8/27/2024 18:22
2-Chloronaphthalene	< 606	ug/Kg	8/27/2024 18:22
2-Chlorophenol	< 606	ug/Kg	8/27/2024 18:22
2-Methylnapthalene	< 606	ug/Kg	8/27/2024 18:22
2-Methylphenol	< 606	ug/Kg	8/27/2024 18:22
2-Nitroaniline	< 606	ug/Kg	8/27/2024 18:22
2-Nitrophenol	< 606	ug/Kg	8/27/2024 18:22
3&4-Methylphenol	< 606	ug/Kg	8/27/2024 18:22
3,3'-Dichlorobenzidine	< 606	ug/Kg	8/27/2024 18:22
3-Nitroaniline	< 606	ug/Kg	8/27/2024 18:22
4,6-Dinitro-2-methylphenol	< 1210	ug/Kg	8/27/2024 18:22
4-Bromophenyl phenyl ether	< 606	ug/Kg	8/27/2024 18:22
4-Chloro-3-methylphenol	< 606	ug/Kg	8/27/2024 18:22
4-Chloroaniline	< 606	ug/Kg	8/27/2024 18:22
4-Chlorophenyl phenyl ether	< 606	ug/Kg	8/27/2024 18:22
4-Nitroaniline	< 606	ug/Kg	8/27/2024 18:22
4-Nitrophenol	< 606	ug/Kg	8/27/2024 18:22
Acenaphthene	<b>1930</b>	ug/Kg	8/27/2024 18:22
Acenaphthylene	< 606	ug/Kg	8/27/2024 18:22
Acetophenone	< 606	ug/Kg	8/27/2024 18:22
Anthracene	<b>2980</b>	ug/Kg	8/27/2024 18:22
Atrazine	< 606	ug/Kg	8/27/2024 18:22
Benzaldehyde	< 606	ug/Kg	8/27/2024 18:22
Benzo (a) anthracene	<b>8450</b>	ug/Kg	8/27/2024 18:22

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-1

**Lab Sample ID:** 243844-01

**Date Sampled:** 8/20/2024 11:00

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	<b>9510</b>	ug/Kg	8/27/2024 18:22
Benzo (b) fluoranthene	<b>9770</b>	ug/Kg	8/27/2024 18:22
Benzo (g,h,i) perylene	<b>6210</b>	ug/Kg	8/27/2024 18:22
Benzo (k) fluoranthene	<b>7220</b>	ug/Kg	8/27/2024 18:22
Bis (2-chloroethoxy) methane	< 606	ug/Kg	8/27/2024 18:22
Bis (2-chloroethyl) ether	< 606	ug/Kg	8/27/2024 18:22
Bis (2-ethylhexyl) phthalate	< 606	ug/Kg	8/27/2024 18:22
Butylbenzylphthalate	< 606	ug/Kg	8/27/2024 18:22
Caprolactam	< 606	ug/Kg	8/27/2024 18:22
Carbazole	<b>1880</b>	ug/Kg	8/27/2024 18:22
Chrysene	<b>9970</b>	ug/Kg	8/27/2024 18:22
Dibenz (a,h) anthracene	<b>2220</b>	ug/Kg	8/27/2024 18:22
Dibenzofuran	<b>1010</b>	ug/Kg	8/27/2024 18:22
Diethyl phthalate	< 606	ug/Kg	8/27/2024 18:22
Dimethyl phthalate	< 606	ug/Kg	8/27/2024 18:22
Di-n-butyl phthalate	< 606	ug/Kg	8/27/2024 18:22
Di-n-octylphthalate	< 606	ug/Kg	8/27/2024 18:22
Fluoranthene	<b>22100</b>	ug/Kg	8/27/2024 18:22
Fluorene	<b>1890</b>	ug/Kg	8/27/2024 18:22
Hexachlorobenzene	< 606	ug/Kg	8/27/2024 18:22
Hexachlorobutadiene	< 606	ug/Kg	8/27/2024 18:22
Hexachlorocyclopentadiene	< 2430	ug/Kg	8/27/2024 18:22
Hexachloroethane	< 606	ug/Kg	8/27/2024 18:22
Indeno (1,2,3-cd) pyrene	<b>7120</b>	ug/Kg	8/27/2024 18:22
Isophorone	< 606	ug/Kg	8/27/2024 18:22
Naphthalene	< 606	ug/Kg	8/27/2024 18:22
Nitrobenzene	< 606	ug/Kg	8/27/2024 18:22
N-Nitroso-di-n-propylamine	< 606	ug/Kg	8/27/2024 18:22
N-Nitrosodiphenylamine	< 606	ug/Kg	8/27/2024 18:22
Pentachlorophenol	< 1210	ug/Kg	8/27/2024 18:22

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-1

**Lab Sample ID:** 243844-01

**Date Sampled:** 8/20/2024 11:00

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	17300	ug/Kg		8/27/2024	18:22
Phenol	< 606	ug/Kg		8/27/2024	18:22
Pyrene	18300	ug/Kg		8/27/2024	18:22
<b><u>Surrogate</u></b>	<b><u>Percent Recovery</u></b>	<b><u>Limits</u></b>	<b><u>Outliers</u></b>	<b><u>Date Analyzed</u></b>	
2,4,6-Tribromophenol	75.0	34.3 - 95.6		8/27/2024	18:22
2-Fluorobiphenyl	73.0	37.9 - 87.2		8/27/2024	18:22
2-Fluorophenol	73.2	34.4 - 80.5		8/27/2024	18:22
Nitrobenzene-d5	70.1	33.2 - 82.1		8/27/2024	18:22
Phenol-d5	80.2	36.4 - 85.4		8/27/2024	18:22
Terphenyl-d14	83.2	45.9 - 96		8/27/2024	18:22

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/22/2024

**Data File:** B73441.D





Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-2

Lab Sample ID: 243844-02

Date Sampled: 8/20/2024 11:10

Matrix: Soil

Date Received 8/21/2024

**Mercury**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Mercury	0.0262	mg/Kg		8/26/2024 15:49

Method Reference(s): EPA 7471B

Preparation Date: 8/26/2024

Data File: Hg240826B

**TAL Metals (ICP)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Aluminum	2240	mg/Kg		8/23/2024 13:50
Antimony	< 2.94	mg/Kg		8/23/2024 13:50
Arsenic	3.25	mg/Kg		8/23/2024 13:50
Barium	94.5	mg/Kg		8/23/2024 13:50
Beryllium	< 0.245	mg/Kg		8/23/2024 13:50
Cadmium	0.820	mg/Kg		8/23/2024 13:50
Calcium	228000	mg/Kg		8/23/2024 15:40
Chromium	31.0	mg/Kg		8/23/2024 13:50
Cobalt	3.75	mg/Kg		8/23/2024 13:50
Copper	36.1	mg/Kg		8/23/2024 13:50
Iron	15100	mg/Kg		8/23/2024 13:50
Lead	43.4	mg/Kg		8/23/2024 13:50
Magnesium	7790	mg/Kg		8/23/2024 13:50
Manganese	1100	mg/Kg		8/23/2024 15:40
Nickel	16.4	mg/Kg		8/23/2024 13:50
Potassium	970	mg/Kg		8/23/2024 13:50
Selenium	< 0.982	mg/Kg		8/23/2024 13:50
Silver	< 0.491	mg/Kg		8/23/2024 13:50
Sodium	396	mg/Kg		8/23/2024 13:50
Thallium	< 1.23	mg/Kg		8/23/2024 13:50
Vanadium	14.1	mg/Kg		8/23/2024 13:50

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Lab Project ID: 243844

 Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-2

Lab Sample ID: 243844-02

Date Sampled: 8/20/2024 11:10

Matrix: Soil

Date Received 8/21/2024

 Zinc **84.2** mg/Kg 8/23/2024 13:50

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
PCB-1016	< 0.145	mg/Kg		8/23/2024 18:28
PCB-1221	< 0.145	mg/Kg		8/23/2024 18:28
PCB-1232	< 0.145	mg/Kg		8/23/2024 18:28
PCB-1242	< 0.145	mg/Kg		8/23/2024 18:28
PCB-1248	< 0.145	mg/Kg		8/23/2024 18:28
PCB-1254	< 0.145	mg/Kg		8/23/2024 18:28
PCB-1260	< 0.145	mg/Kg		8/23/2024 18:28
PCB-1262	< 0.145	mg/Kg		8/23/2024 18:28
PCB-1268	< 0.145	mg/Kg		8/23/2024 18:28

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>
Tetrachloro-m-xylene	<b>77.2</b>	16.1 - 102		8/23/2024 18:28

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/22/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
1,1-Biphenyl	< 282	ug/Kg		8/23/2024 17:48
1,2,4,5-Tetrachlorobenzene	< 282	ug/Kg		8/23/2024 17:48
1,2,4-Trichlorobenzene	< 282	ug/Kg		8/23/2024 17:48
1,2-Dichlorobenzene	< 282	ug/Kg		8/23/2024 17:48
1,3-Dichlorobenzene	< 282	ug/Kg		8/23/2024 17:48
1,4-Dichlorobenzene	< 282	ug/Kg		8/23/2024 17:48
2,2-Oxybis (1-chloropropane)	< 282	ug/Kg		8/23/2024 17:48
2,3,4,6-Tetrachlorophenol	< 282	ug/Kg		8/23/2024 17:48

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-2

**Lab Sample ID:** 243844-02

**Date Sampled:** 8/20/2024 11:10

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 282	ug/Kg	8/23/2024 17:48
2,4,6-Trichlorophenol	< 282	ug/Kg	8/23/2024 17:48
2,4-Dichlorophenol	< 282	ug/Kg	8/23/2024 17:48
2,4-Dimethylphenol	< 282	ug/Kg	8/23/2024 17:48
2,4-Dinitrophenol	< 1130	ug/Kg	8/23/2024 17:48
2,4-Dinitrotoluene	< 282	ug/Kg	8/23/2024 17:48
2,6-Dinitrotoluene	< 282	ug/Kg	8/23/2024 17:48
2-Chloronaphthalene	< 282	ug/Kg	8/23/2024 17:48
2-Chlorophenol	< 282	ug/Kg	8/23/2024 17:48
2-Methylnapthalene	<b>342</b>	ug/Kg	8/23/2024 17:48
2-Methylphenol	< 282	ug/Kg	8/23/2024 17:48
2-Nitroaniline	< 282	ug/Kg	8/23/2024 17:48
2-Nitrophenol	< 282	ug/Kg	8/23/2024 17:48
3&4-Methylphenol	< 282	ug/Kg	8/23/2024 17:48
3,3'-Dichlorobenzidine	< 282	ug/Kg	8/23/2024 17:48
3-Nitroaniline	< 282	ug/Kg	8/23/2024 17:48
4,6-Dinitro-2-methylphenol	< 563	ug/Kg	8/23/2024 17:48
4-Bromophenyl phenyl ether	< 282	ug/Kg	8/23/2024 17:48
4-Chloro-3-methylphenol	< 282	ug/Kg	8/23/2024 17:48
4-Chloroaniline	< 282	ug/Kg	8/23/2024 17:48
4-Chlorophenyl phenyl ether	< 282	ug/Kg	8/23/2024 17:48
4-Nitroaniline	< 282	ug/Kg	8/23/2024 17:48
4-Nitrophenol	< 282	ug/Kg	8/23/2024 17:48
Acenaphthene	< 282	ug/Kg	8/23/2024 17:48
Acenaphthylene	< 282	ug/Kg	8/23/2024 17:48
Acetophenone	< 282	ug/Kg	8/23/2024 17:48
Anthracene	<b>375</b>	ug/Kg	8/23/2024 17:48
Atrazine	< 282	ug/Kg	8/23/2024 17:48
Benzaldehyde	< 282	ug/Kg	8/23/2024 17:48
Benzo (a) anthracene	<b>2800</b>	ug/Kg	8/23/2024 17:48

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-2

**Lab Sample ID:** 243844-02

**Date Sampled:** 8/20/2024 11:10

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	<b>4600</b>	ug/Kg	8/23/2024 17:48
Benzo (b) fluoranthene	<b>4170</b>	ug/Kg	8/23/2024 17:48
Benzo (g,h,i) perylene	<b>3310</b>	ug/Kg	8/23/2024 17:48
Benzo (k) fluoranthene	<b>3110</b>	ug/Kg	8/23/2024 17:48
Bis (2-chloroethoxy) methane	< 282	ug/Kg	8/23/2024 17:48
Bis (2-chloroethyl) ether	< 282	ug/Kg	8/23/2024 17:48
Bis (2-ethylhexyl) phthalate	< 282	ug/Kg	8/23/2024 17:48
Butylbenzylphthalate	< 282	ug/Kg	8/23/2024 17:48
Caprolactam	< 282	ug/Kg	8/23/2024 17:48
Carbazole	<b>319</b>	ug/Kg	8/23/2024 17:48
Chrysene	<b>3980</b>	ug/Kg	8/23/2024 17:48
Dibenz (a,h) anthracene	<b>1090</b>	ug/Kg	8/23/2024 17:48
Dibenzofuran	< 282	ug/Kg	8/23/2024 17:48
Diethyl phthalate	< 282	ug/Kg	8/23/2024 17:48
Dimethyl phthalate	< 282	ug/Kg	8/23/2024 17:48
Di-n-butyl phthalate	< 282	ug/Kg	8/23/2024 17:48
Di-n-octylphthalate	< 282	ug/Kg	8/23/2024 17:48
Fluoranthene	<b>4360</b>	ug/Kg	8/23/2024 17:48
Fluorene	< 282	ug/Kg	8/23/2024 17:48
Hexachlorobenzene	< 282	ug/Kg	8/23/2024 17:48
Hexachlorobutadiene	< 282	ug/Kg	8/23/2024 17:48
Hexachlorocyclopentadiene	< 1130	ug/Kg	8/23/2024 17:48
Hexachloroethane	< 282	ug/Kg	8/23/2024 17:48
Indeno (1,2,3-cd) pyrene	<b>3360</b>	ug/Kg	8/23/2024 17:48
Isophorone	< 282	ug/Kg	8/23/2024 17:48
Naphthalene	< 282	ug/Kg	8/23/2024 17:48
Nitrobenzene	< 282	ug/Kg	8/23/2024 17:48
N-Nitroso-di-n-propylamine	< 282	ug/Kg	8/23/2024 17:48
N-Nitrosodiphenylamine	< 282	ug/Kg	8/23/2024 17:48
Pentachlorophenol	< 563	ug/Kg	8/23/2024 17:48

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-2

**Lab Sample ID:** 243844-02

**Date Sampled:** 8/20/2024 11:10

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	2310	ug/Kg	8/23/2024 17:48
Phenol	< 282	ug/Kg	8/23/2024 17:48
Pyrene	4930	ug/Kg	8/23/2024 17:48

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
2,4,6-Tribromophenol	67.1	34.3 - 95.6		8/23/2024 17:48
2-Fluorobiphenyl	69.2	37.9 - 87.2		8/23/2024 17:48
2-Fluorophenol	66.4	34.4 - 80.5		8/23/2024 17:48
Nitrobenzene-d5	64.0	33.2 - 82.1		8/23/2024 17:48
Phenol-d5	71.1	36.4 - 85.4		8/23/2024 17:48
Terphenyl-d14	76.8	45.9 - 96		8/23/2024 17:48

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/22/2024

**Data File:** B73391.D



Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-3

Lab Sample ID: 243844-03

Date Sampled: 8/20/2024 11:20

Matrix: Soil

Date Received 8/21/2024

**Mercury**

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	0.118	mg/Kg		8/26/2024 15:51

Method Reference(s): EPA 7471B

Preparation Date: 8/26/2024

Data File: Hg240826B

**TAL Metals (ICP)**

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	2110	mg/Kg		8/23/2024 13:54
Antimony	< 3.22	mg/Kg		8/23/2024 13:54
Arsenic	5.81	mg/Kg		8/23/2024 13:54
Barium	255	mg/Kg		8/23/2024 13:54
Beryllium	< 0.268	mg/Kg		8/23/2024 13:54
Cadmium	1.75	mg/Kg		8/23/2024 13:54
Calcium	240000	mg/Kg		8/23/2024 15:44
Chromium	83.5	mg/Kg		8/23/2024 13:54
Cobalt	4.55	mg/Kg		8/23/2024 13:54
Copper	94.9	mg/Kg		8/23/2024 13:54
Iron	41700	mg/Kg		8/23/2024 15:44
Lead	98.9	mg/Kg		8/23/2024 13:54
Magnesium	7150	mg/Kg		8/23/2024 13:54
Manganese	1470	mg/Kg		8/23/2024 15:44
Nickel	33.2	mg/Kg		8/23/2024 13:54
Potassium	584	mg/Kg		8/23/2024 13:54
Selenium	< 1.07	mg/Kg		8/23/2024 13:54
Silver	< 0.537	mg/Kg		8/23/2024 13:54
Sodium	427	mg/Kg		8/23/2024 13:54
Thallium	< 1.34	mg/Kg		8/23/2024 13:54
Vanadium	19.4	mg/Kg		8/23/2024 13:54

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Lab Project ID: 243844

 Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-3

Lab Sample ID: 243844-03

Date Sampled: 8/20/2024 11:20

Matrix: Soil

Date Received 8/21/2024

 Zinc **172** mg/Kg 8/23/2024 13:54

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
PCB-1016	< 0.156	mg/Kg		8/23/2024 18:51
PCB-1221	< 0.156	mg/Kg		8/23/2024 18:51
PCB-1232	< 0.156	mg/Kg		8/23/2024 18:51
PCB-1242	< 0.156	mg/Kg		8/23/2024 18:51
PCB-1248	< 0.156	mg/Kg		8/23/2024 18:51
PCB-1254	<b>0.218</b>	mg/Kg		8/23/2024 18:51
PCB-1260	< 0.156	mg/Kg		8/23/2024 18:51
PCB-1262	< 0.156	mg/Kg		8/23/2024 18:51
PCB-1268	< 0.156	mg/Kg		8/23/2024 18:51

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>
Tetrachloro-m-xylene	<b>84.6</b>	16.1 - 102		8/23/2024 18:51

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/22/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
1,1-Biphenyl	< 1140	ug/Kg		8/28/2024 12:52
1,2,4,5-Tetrachlorobenzene	< 1140	ug/Kg		8/28/2024 12:52
1,2,4-Trichlorobenzene	< 1140	ug/Kg		8/28/2024 12:52
1,2-Dichlorobenzene	< 1140	ug/Kg		8/28/2024 12:52
1,3-Dichlorobenzene	< 1140	ug/Kg		8/28/2024 12:52
1,4-Dichlorobenzene	< 1140	ug/Kg		8/28/2024 12:52
2,2-Oxybis (1-chloropropane)	< 1140	ug/Kg		8/28/2024 12:52
2,3,4,6-Tetrachlorophenol	< 1140	ug/Kg		8/28/2024 12:52

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-3

**Lab Sample ID:** 243844-03

**Date Sampled:** 8/20/2024 11:20

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 1140	ug/Kg	8/28/2024 12:52
2,4,6-Trichlorophenol	< 1140	ug/Kg	8/28/2024 12:52
2,4-Dichlorophenol	< 1140	ug/Kg	8/28/2024 12:52
2,4-Dimethylphenol	< 1140	ug/Kg	8/28/2024 12:52
2,4-Dinitrophenol	< 4560	ug/Kg	8/28/2024 12:52
2,4-Dinitrotoluene	< 1140	ug/Kg	8/28/2024 12:52
2,6-Dinitrotoluene	< 1140	ug/Kg	8/28/2024 12:52
2-Chloronaphthalene	< 1140	ug/Kg	8/28/2024 12:52
2-Chlorophenol	< 1140	ug/Kg	8/28/2024 12:52
2-Methylnapthalene	< 1140	ug/Kg	8/28/2024 12:52
2-Methylphenol	< 1140	ug/Kg	8/28/2024 12:52
2-Nitroaniline	< 1140	ug/Kg	8/28/2024 12:52
2-Nitrophenol	< 1140	ug/Kg	8/28/2024 12:52
3&4-Methylphenol	< 1140	ug/Kg	8/28/2024 12:52
3,3'-Dichlorobenzidine	< 1140	ug/Kg	8/28/2024 12:52
3-Nitroaniline	< 1140	ug/Kg	8/28/2024 12:52
4,6-Dinitro-2-methylphenol	< 2280	ug/Kg	8/28/2024 12:52
4-Bromophenyl phenyl ether	< 1140	ug/Kg	8/28/2024 12:52
4-Chloro-3-methylphenol	< 1140	ug/Kg	8/28/2024 12:52
4-Chloroaniline	< 1140	ug/Kg	8/28/2024 12:52
4-Chlorophenyl phenyl ether	< 1140	ug/Kg	8/28/2024 12:52
4-Nitroaniline	< 1140	ug/Kg	8/28/2024 12:52
4-Nitrophenol	< 1140	ug/Kg	8/28/2024 12:52
Acenaphthene	< 1140	ug/Kg	8/28/2024 12:52
Acenaphthylene	< 1140	ug/Kg	8/28/2024 12:52
Acetophenone	< 1140	ug/Kg	8/28/2024 12:52
Anthracene	<b>1140</b>	ug/Kg	8/28/2024 12:52
Atrazine	< 1140	ug/Kg	8/28/2024 12:52
Benzaldehyde	< 1140	ug/Kg	8/28/2024 12:52
Benzo (a) anthracene	<b>14900</b>	ug/Kg	8/28/2024 12:52

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-3

**Lab Sample ID:** 243844-03

**Date Sampled:** 8/20/2024 11:20

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	<b>23600</b>	ug/Kg	8/28/2024 12:52
Benzo (b) fluoranthene	<b>22300</b>	ug/Kg	8/28/2024 12:52
Benzo (g,h,i) perylene	<b>16000</b>	ug/Kg	8/28/2024 12:52
Benzo (k) fluoranthene	<b>15600</b>	ug/Kg	8/28/2024 12:52
Bis (2-chloroethoxy) methane	< 1140	ug/Kg	8/28/2024 12:52
Bis (2-chloroethyl) ether	< 1140	ug/Kg	8/28/2024 12:52
Bis (2-ethylhexyl) phthalate	< 1140	ug/Kg	8/28/2024 12:52
Butylbenzylphthalate	< 1140	ug/Kg	8/28/2024 12:52
Caprolactam	< 1140	ug/Kg	8/28/2024 12:52
Carbazole	< 1140	ug/Kg	8/28/2024 12:52
Chrysene	<b>19400</b>	ug/Kg	8/28/2024 12:52
Dibenz (a,h) anthracene	<b>5550</b>	ug/Kg	8/28/2024 12:52
Dibenzofuran	< 1140	ug/Kg	8/28/2024 12:52
Diethyl phthalate	< 1140	ug/Kg	8/28/2024 12:52
Dimethyl phthalate	< 1140	ug/Kg	8/28/2024 12:52
Di-n-butyl phthalate	< 1140	ug/Kg	8/28/2024 12:52
Di-n-octylphthalate	< 1140	ug/Kg	8/28/2024 12:52
Fluoranthene	<b>17900</b>	ug/Kg	8/28/2024 12:52
Fluorene	< 1140	ug/Kg	8/28/2024 12:52
Hexachlorobenzene	< 1140	ug/Kg	8/28/2024 12:52
Hexachlorobutadiene	< 1140	ug/Kg	8/28/2024 12:52
Hexachlorocyclopentadiene	< 4560	ug/Kg	8/28/2024 12:52
Hexachloroethane	< 1140	ug/Kg	8/28/2024 12:52
Indeno (1,2,3-cd) pyrene	<b>15900</b>	ug/Kg	8/28/2024 12:52
Isophorone	< 1140	ug/Kg	8/28/2024 12:52
Naphthalene	< 1140	ug/Kg	8/28/2024 12:52
Nitrobenzene	< 1140	ug/Kg	8/28/2024 12:52
N-Nitroso-di-n-propylamine	< 1140	ug/Kg	8/28/2024 12:52
N-Nitrosodiphenylamine	< 1140	ug/Kg	8/28/2024 12:52
Pentachlorophenol	< 2280	ug/Kg	8/28/2024 12:52

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Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-3

Lab Sample ID: 243844-03

Date Sampled: 8/20/2024 11:20

Matrix: Soil

Date Received 8/21/2024

Phenanthrene	6500	ug/Kg		8/28/2024 12:52
Phenol	< 1140	ug/Kg		8/28/2024 12:52
Pyrene	20800	ug/Kg		8/28/2024 12:52
<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>
2,4,6-Tribromophenol	72.3	34.3 - 95.6		8/28/2024 12:52
2-Fluorobiphenyl	74.9	37.9 - 87.2		8/28/2024 12:52
2-Fluorophenol	75.7	34.4 - 80.5		8/28/2024 12:52
Nitrobenzene-d5	72.2	33.2 - 82.1		8/28/2024 12:52
Phenol-d5	81.7	36.4 - 85.4		8/28/2024 12:52
Terphenyl-d14	83.7	45.9 - 96		8/28/2024 12:52

Method Reference(s): EPA 8270D

EPA 3546

Preparation Date: 8/22/2024

Data File: B73479.D



Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-4

Lab Sample ID: 243844-04

Date Sampled: 8/20/2024 11:30

Matrix: Soil

Date Received 8/21/2024

**Mercury**

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	0.0561	mg/Kg		8/26/2024 15:53
Method Reference(s): EPA 7471B				
Preparation Date: 8/26/2024				
Data File: Hg240826B				

**TAL Metals (ICP)**

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	7320	mg/Kg		8/23/2024 13:58
Antimony	< 3.35	mg/Kg		8/23/2024 13:58
Arsenic	9.07	mg/Kg		8/23/2024 13:58
Barium	124	mg/Kg		8/23/2024 13:58
Beryllium	0.575	mg/Kg		8/23/2024 13:58
Cadmium	2.64	mg/Kg		8/23/2024 13:58
Calcium	179000	mg/Kg		8/23/2024 15:47
Chromium	94.9	mg/Kg		8/23/2024 13:58
Cobalt	6.32	mg/Kg		8/23/2024 13:58
Copper	196	mg/Kg		8/23/2024 13:58
Iron	56000	mg/Kg		8/23/2024 15:47
Lead	101	mg/Kg		8/23/2024 13:58
Magnesium	17800	mg/Kg		8/23/2024 13:58
Manganese	1380	mg/Kg		8/23/2024 15:47
Nickel	64.2	mg/Kg		8/23/2024 13:58
Potassium	895	mg/Kg		8/23/2024 13:58
Selenium	< 1.12	mg/Kg		8/23/2024 13:58
Silver	< 0.558	mg/Kg		8/23/2024 13:58
Sodium	568	mg/Kg		8/23/2024 13:58
Thallium	< 1.40	mg/Kg		8/23/2024 13:58
Vanadium	16.4	mg/Kg		8/23/2024 13:58

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Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-4

Lab Sample ID: 243844-04

Date Sampled: 8/20/2024 11:30

Matrix: Soil

Date Received 8/21/2024

Zinc 222 mg/Kg 8/23/2024 13:58

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.125	mg/Kg		8/23/2024 19:14
PCB-1221	< 0.125	mg/Kg		8/23/2024 19:14
PCB-1232	< 0.125	mg/Kg		8/23/2024 19:14
PCB-1242	< 0.125	mg/Kg		8/23/2024 19:14
PCB-1248	0.172	mg/Kg		8/23/2024 19:14
PCB-1254	0.223	mg/Kg		8/23/2024 19:14
PCB-1260	< 0.125	mg/Kg		8/23/2024 19:14
PCB-1262	< 0.125	mg/Kg		8/23/2024 19:14
PCB-1268	< 0.125	mg/Kg		8/23/2024 19:14

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	73.7	16.1 - 102		8/23/2024 19:14

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/22/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 578	ug/Kg		8/27/2024 22:15
1,2,4,5-Tetrachlorobenzene	< 578	ug/Kg		8/27/2024 22:15
1,2,4-Trichlorobenzene	< 578	ug/Kg		8/27/2024 22:15
1,2-Dichlorobenzene	< 578	ug/Kg		8/27/2024 22:15
1,3-Dichlorobenzene	< 578	ug/Kg		8/27/2024 22:15
1,4-Dichlorobenzene	< 578	ug/Kg		8/27/2024 22:15
2,2-Oxybis (1-chloropropane)	< 578	ug/Kg		8/27/2024 22:15
2,3,4,6-Tetrachlorophenol	< 578	ug/Kg		8/27/2024 22:15

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-4

**Lab Sample ID:** 243844-04

**Date Sampled:** 8/20/2024 11:30

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 578	ug/Kg	8/27/2024 22:15
2,4,6-Trichlorophenol	< 578	ug/Kg	8/27/2024 22:15
2,4-Dichlorophenol	< 578	ug/Kg	8/27/2024 22:15
2,4-Dimethylphenol	< 578	ug/Kg	8/27/2024 22:15
2,4-Dinitrophenol	< 2310	ug/Kg	8/27/2024 22:15
2,4-Dinitrotoluene	< 578	ug/Kg	8/27/2024 22:15
2,6-Dinitrotoluene	< 578	ug/Kg	8/27/2024 22:15
2-Chloronaphthalene	< 578	ug/Kg	8/27/2024 22:15
2-Chlorophenol	< 578	ug/Kg	8/27/2024 22:15
2-Methylnapthalene	< 578	ug/Kg	8/27/2024 22:15
2-Methylphenol	< 578	ug/Kg	8/27/2024 22:15
2-Nitroaniline	< 578	ug/Kg	8/27/2024 22:15
2-Nitrophenol	< 578	ug/Kg	8/27/2024 22:15
3&4-Methylphenol	< 578	ug/Kg	8/27/2024 22:15
3,3'-Dichlorobenzidine	< 578	ug/Kg	8/27/2024 22:15
3-Nitroaniline	< 578	ug/Kg	8/27/2024 22:15
4,6-Dinitro-2-methylphenol	< 1160	ug/Kg	8/27/2024 22:15
4-Bromophenyl phenyl ether	< 578	ug/Kg	8/27/2024 22:15
4-Chloro-3-methylphenol	< 578	ug/Kg	8/27/2024 22:15
4-Chloroaniline	< 578	ug/Kg	8/27/2024 22:15
4-Chlorophenyl phenyl ether	< 578	ug/Kg	8/27/2024 22:15
4-Nitroaniline	< 578	ug/Kg	8/27/2024 22:15
4-Nitrophenol	< 578	ug/Kg	8/27/2024 22:15
Acenaphthene	<b>1310</b>	ug/Kg	8/27/2024 22:15
Acenaphthylene	< 578	ug/Kg	8/27/2024 22:15
Acetophenone	< 578	ug/Kg	8/27/2024 22:15
Anthracene	<b>2080</b>	ug/Kg	8/27/2024 22:15
Atrazine	< 578	ug/Kg	8/27/2024 22:15
Benzaldehyde	< 578	ug/Kg	8/27/2024 22:15
Benzo (a) anthracene	<b>5820</b>	ug/Kg	8/27/2024 22:15

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-4

**Lab Sample ID:** 243844-04

**Date Sampled:** 8/20/2024 11:30

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	6650	ug/Kg	8/27/2024 22:15
Benzo (b) fluoranthene	7090	ug/Kg	8/27/2024 22:15
Benzo (g,h,i) perylene	4470	ug/Kg	8/27/2024 22:15
Benzo (k) fluoranthene	4640	ug/Kg	8/27/2024 22:15
Bis (2-chloroethoxy) methane	< 578	ug/Kg	8/27/2024 22:15
Bis (2-chloroethyl) ether	< 578	ug/Kg	8/27/2024 22:15
Bis (2-ethylhexyl) phthalate	< 578	ug/Kg	8/27/2024 22:15
Butylbenzylphthalate	< 578	ug/Kg	8/27/2024 22:15
Caprolactam	< 578	ug/Kg	8/27/2024 22:15
Carbazole	1380	ug/Kg	8/27/2024 22:15
Chrysene	6640	ug/Kg	8/27/2024 22:15
Dibenz (a,h) anthracene	1500	ug/Kg	8/27/2024 22:15
Dibenzofuran	599	ug/Kg	8/27/2024 22:15
Diethyl phthalate	< 578	ug/Kg	8/27/2024 22:15
Dimethyl phthalate	< 578	ug/Kg	8/27/2024 22:15
Di-n-butyl phthalate	< 578	ug/Kg	8/27/2024 22:15
Di-n-octylphthalate	< 578	ug/Kg	8/27/2024 22:15
Fluoranthene	12700	ug/Kg	8/27/2024 22:15
Fluorene	953	ug/Kg	8/27/2024 22:15
Hexachlorobenzene	< 578	ug/Kg	8/27/2024 22:15
Hexachlorobutadiene	< 578	ug/Kg	8/27/2024 22:15
Hexachlorocyclopentadiene	< 2310	ug/Kg	8/27/2024 22:15
Hexachloroethane	< 578	ug/Kg	8/27/2024 22:15
Indeno (1,2,3-cd) pyrene	4950	ug/Kg	8/27/2024 22:15
Isophorone	< 578	ug/Kg	8/27/2024 22:15
Naphthalene	655	ug/Kg	8/27/2024 22:15
Nitrobenzene	< 578	ug/Kg	8/27/2024 22:15
N-Nitroso-di-n-propylamine	< 578	ug/Kg	8/27/2024 22:15
N-Nitrosodiphenylamine	< 578	ug/Kg	8/27/2024 22:15
Pentachlorophenol	< 1160	ug/Kg	8/27/2024 22:15

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-4

**Lab Sample ID:** 243844-04

**Date Sampled:** 8/20/2024 11:30

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	8990	ug/Kg		8/27/2024	22:15
Phenol	< 578	ug/Kg		8/27/2024	22:15
Pyrene	11100	ug/Kg		8/27/2024	22:15
<b><u>Surrogate</u></b>	<b><u>Percent Recovery</u></b>	<b><u>Limits</u></b>	<b><u>Outliers</u></b>	<b><u>Date Analyzed</u></b>	
2,4,6-Tribromophenol	58.8	34.3 - 95.6		8/27/2024	22:15
2-Fluorobiphenyl	57.0	37.9 - 87.2		8/27/2024	22:15
2-Fluorophenol	57.0	34.4 - 80.5		8/27/2024	22:15
Nitrobenzene-d5	53.9	33.2 - 82.1		8/27/2024	22:15
Phenol-d5	62.5	36.4 - 85.4		8/27/2024	22:15
Terphenyl-d14	63.9	45.9 - 96		8/27/2024	22:15

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/22/2024

**Data File:** B73449.D





Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-5

Lab Sample ID: 243844-05

Date Sampled: 8/20/2024 11:35

Matrix: Soil

Date Received 8/21/2024

**Mercury**

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	0.0135	mg/Kg		8/26/2024 15:55
Method Reference(s): EPA 7471B				
Preparation Date: 8/26/2024				
Data File: Hg240826B				

**TAL Metals (ICP)**

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	2740	mg/Kg		8/23/2024 14:01
Antimony	< 3.20	mg/Kg		8/23/2024 14:01
Arsenic	7.67	mg/Kg		8/23/2024 14:01
Barium	20.8	mg/Kg		8/23/2024 14:01
Beryllium	< 0.267	mg/Kg		8/23/2024 14:01
Cadmium	0.475	mg/Kg		8/23/2024 14:01
Calcium	193000	mg/Kg		8/23/2024 15:50
Chromium	11.8	mg/Kg		8/23/2024 14:01
Cobalt	2.73	mg/Kg		8/23/2024 14:01
Copper	24.2	mg/Kg		8/23/2024 14:01
Iron	9590	mg/Kg		8/23/2024 14:01
Lead	24.1	mg/Kg		8/23/2024 14:01
Magnesium	9340	mg/Kg		8/23/2024 14:01
Manganese	147	mg/Kg		8/23/2024 14:01
Nickel	16.3	mg/Kg		8/23/2024 14:01
Potassium	1100	mg/Kg		8/23/2024 14:01
Selenium	< 1.07	mg/Kg		8/23/2024 14:01
Silver	< 0.533	mg/Kg		8/23/2024 14:01
Sodium	250	mg/Kg		8/23/2024 14:01
Thallium	< 1.33	mg/Kg		8/23/2024 14:01
Vanadium	7.35	mg/Kg		8/23/2024 14:01

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Lab Project ID: 243844

 Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-5

Lab Sample ID: 243844-05

Date Sampled: 8/20/2024 11:35

Matrix: Soil

Date Received 8/21/2024

Zinc 55.0 mg/Kg 8/23/2024 14:01

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.164	mg/Kg		8/23/2024 19:37
PCB-1221	< 0.164	mg/Kg		8/23/2024 19:37
PCB-1232	< 0.164	mg/Kg		8/23/2024 19:37
PCB-1242	< 0.164	mg/Kg		8/23/2024 19:37
PCB-1248	< 0.164	mg/Kg		8/23/2024 19:37
PCB-1254	< 0.164	mg/Kg		8/23/2024 19:37
PCB-1260	< 0.164	mg/Kg		8/23/2024 19:37
PCB-1262	< 0.164	mg/Kg		8/23/2024 19:37
PCB-1268	< 0.164	mg/Kg		8/23/2024 19:37

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	94.8	16.1 - 102		8/23/2024 19:37

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/22/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 297	ug/Kg		8/23/2024 19:15
1,2,4,5-Tetrachlorobenzene	< 297	ug/Kg		8/23/2024 19:15
1,2,4-Trichlorobenzene	< 297	ug/Kg		8/23/2024 19:15
1,2-Dichlorobenzene	< 297	ug/Kg		8/23/2024 19:15
1,3-Dichlorobenzene	< 297	ug/Kg		8/23/2024 19:15
1,4-Dichlorobenzene	< 297	ug/Kg		8/23/2024 19:15
2,2-Oxybis (1-chloropropane)	< 297	ug/Kg		8/23/2024 19:15
2,3,4,6-Tetrachlorophenol	< 297	ug/Kg		8/23/2024 19:15

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-5

**Lab Sample ID:** 243844-05

**Date Sampled:** 8/20/2024 11:35

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 297	ug/Kg	8/23/2024 19:15
2,4,6-Trichlorophenol	< 297	ug/Kg	8/23/2024 19:15
2,4-Dichlorophenol	< 297	ug/Kg	8/23/2024 19:15
2,4-Dimethylphenol	< 297	ug/Kg	8/23/2024 19:15
2,4-Dinitrophenol	< 1190	ug/Kg	8/23/2024 19:15
2,4-Dinitrotoluene	< 297	ug/Kg	8/23/2024 19:15
2,6-Dinitrotoluene	< 297	ug/Kg	8/23/2024 19:15
2-Chloronaphthalene	< 297	ug/Kg	8/23/2024 19:15
2-Chlorophenol	< 297	ug/Kg	8/23/2024 19:15
2-Methylnapthalene	< 297	ug/Kg	8/23/2024 19:15
2-Methylphenol	< 297	ug/Kg	8/23/2024 19:15
2-Nitroaniline	< 297	ug/Kg	8/23/2024 19:15
2-Nitrophenol	< 297	ug/Kg	8/23/2024 19:15
3&4-Methylphenol	< 297	ug/Kg	8/23/2024 19:15
3,3'-Dichlorobenzidine	< 297	ug/Kg	8/23/2024 19:15
3-Nitroaniline	< 297	ug/Kg	8/23/2024 19:15
4,6-Dinitro-2-methylphenol	< 594	ug/Kg	8/23/2024 19:15
4-Bromophenyl phenyl ether	< 297	ug/Kg	8/23/2024 19:15
4-Chloro-3-methylphenol	< 297	ug/Kg	8/23/2024 19:15
4-Chloroaniline	< 297	ug/Kg	8/23/2024 19:15
4-Chlorophenyl phenyl ether	< 297	ug/Kg	8/23/2024 19:15
4-Nitroaniline	< 297	ug/Kg	8/23/2024 19:15
4-Nitrophenol	< 297	ug/Kg	8/23/2024 19:15
Acenaphthene	< 297	ug/Kg	8/23/2024 19:15
Acenaphthylene	< 297	ug/Kg	8/23/2024 19:15
Acetophenone	< 297	ug/Kg	8/23/2024 19:15
Anthracene	< 297	ug/Kg	8/23/2024 19:15
Atrazine	< 297	ug/Kg	8/23/2024 19:15
Benzaldehyde	< 297	ug/Kg	8/23/2024 19:15
Benzo (a) anthracene	<b>447</b>	ug/Kg	8/23/2024 19:15

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

<b>Sample Identifier:</b>	SS-5	
<b>Lab Sample ID:</b>	243844-05	<b>Date Sampled:</b> 8/20/2024 11:35
<b>Matrix:</b>	Soil	<b>Date Received</b> 8/21/2024

Benzo (a) pyrene	741	ug/Kg	8/23/2024 19:15
Benzo (b) fluoranthene	739	ug/Kg	8/23/2024 19:15
Benzo (g,h,i) perylene	508	ug/Kg	8/23/2024 19:15
Benzo (k) fluoranthene	426	ug/Kg	8/23/2024 19:15
Bis (2-chloroethoxy) methane	< 297	ug/Kg	8/23/2024 19:15
Bis (2-chloroethyl) ether	< 297	ug/Kg	8/23/2024 19:15
Bis (2-ethylhexyl) phthalate	< 297	ug/Kg	8/23/2024 19:15
Butylbenzylphthalate	< 297	ug/Kg	8/23/2024 19:15
Caprolactam	< 297	ug/Kg	8/23/2024 19:15
Carbazole	< 297	ug/Kg	8/23/2024 19:15
Chrysene	656	ug/Kg	8/23/2024 19:15
Dibenz (a,h) anthracene	< 297	ug/Kg	8/23/2024 19:15
Dibenzofuran	< 297	ug/Kg	8/23/2024 19:15
Diethyl phthalate	< 297	ug/Kg	8/23/2024 19:15
Dimethyl phthalate	< 297	ug/Kg	8/23/2024 19:15
Di-n-butyl phthalate	< 297	ug/Kg	8/23/2024 19:15
Di-n-octylphthalate	< 297	ug/Kg	8/23/2024 19:15
Fluoranthene	534	ug/Kg	8/23/2024 19:15
Fluorene	< 297	ug/Kg	8/23/2024 19:15
Hexachlorobenzene	< 297	ug/Kg	8/23/2024 19:15
Hexachlorobutadiene	< 297	ug/Kg	8/23/2024 19:15
Hexachlorocyclopentadiene	< 1190	ug/Kg	8/23/2024 19:15
Hexachloroethane	< 297	ug/Kg	8/23/2024 19:15
Indeno (1,2,3-cd) pyrene	506	ug/Kg	8/23/2024 19:15
Isophorone	< 297	ug/Kg	8/23/2024 19:15
Naphthalene	< 297	ug/Kg	8/23/2024 19:15
Nitrobenzene	< 297	ug/Kg	8/23/2024 19:15
N-Nitroso-di-n-propylamine	< 297	ug/Kg	8/23/2024 19:15
N-Nitrosodiphenylamine	< 297	ug/Kg	8/23/2024 19:15
Pentachlorophenol	< 594	ug/Kg	8/23/2024 19:15

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-5

**Lab Sample ID:** 243844-05

**Date Sampled:** 8/20/2024 11:35

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	< 297	ug/Kg	8/23/2024 19:15
Phenol	< 297	ug/Kg	8/23/2024 19:15
Pyrene	661	ug/Kg	8/23/2024 19:15

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
2,4,6-Tribromophenol	77.8	34.3 - 95.6		8/23/2024 19:15
2-Fluorobiphenyl	79.9	37.9 - 87.2		8/23/2024 19:15
2-Fluorophenol	75.6	34.4 - 80.5		8/23/2024 19:15
Nitrobenzene-d5	73.6	33.2 - 82.1		8/23/2024 19:15
Phenol-d5	77.4	36.4 - 85.4		8/23/2024 19:15
Terphenyl-d14	85.4	45.9 - 96		8/23/2024 19:15

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/22/2024

**Data File:** B73394.D

**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-6

**Lab Sample ID:** 243844-06

**Date Sampled:** 8/20/2024 11:40

**Matrix:** Soil

**Date Received** 8/21/2024

### **Mercury**

<u><b>Analyte</b></u>	<u><b>Result</b></u>	<u><b>Units</b></u>	<u><b>Qualifier</b></u>	<u><b>Date Analyzed</b></u>
Mercury	<b>0.0129</b>	mg/Kg		8/26/2024 15:57
Method Reference(s): EPA 7471B Preparation Date: 8/26/2024 Data File: Hg240826B				

### **TAL Metals (ICP)**

<u><b>Analyte</b></u>	<u><b>Result</b></u>	<u><b>Units</b></u>	<u><b>Qualifier</b></u>	<u><b>Date Analyzed</b></u>
Aluminum	<b>1410</b>	mg/Kg		8/23/2024 15:54
Antimony	< 5.71	mg/Kg		8/23/2024 15:54
Arsenic	<b>3.09</b>	mg/Kg		8/23/2024 15:54
Barium	<b>83.2</b>	mg/Kg		8/23/2024 15:54
Beryllium	< 0.476	mg/Kg		8/23/2024 15:54
Cadmium	< 0.476	mg/Kg		8/23/2024 15:54
Calcium	<b>256000</b>	mg/Kg		8/23/2024 16:35
Chromium	<b>9.84</b>	mg/Kg		8/23/2024 15:54
Cobalt	< 4.76	mg/Kg		8/23/2024 15:54
Copper	<b>13.5</b>	mg/Kg		8/23/2024 15:54
Iron	<b>8670</b>	mg/Kg		8/23/2024 15:54
Lead	<b>7.07</b>	mg/Kg		8/23/2024 15:54
Magnesium	<b>8510</b>	mg/Kg		8/23/2024 15:54
Manganese	<b>270</b>	mg/Kg		8/23/2024 15:54
Nickel	<b>7.92</b>	mg/Kg		8/23/2024 15:54
Potassium	<b>607</b>	mg/Kg		8/23/2024 15:54
Selenium	< 1.90	mg/Kg		8/23/2024 15:54
Silver	< 0.952	mg/Kg		8/23/2024 15:54
Sodium	<b>270</b>	mg/Kg		8/23/2024 15:54
Thallium	< 2.38	mg/Kg		8/23/2024 15:54
Vanadium	<b>4.42</b>	mg/Kg		8/23/2024 15:54

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Lab Project ID: 243844

 Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-6

Lab Sample ID: 243844-06

Date Sampled: 8/20/2024 11:40

Matrix: Soil

Date Received 8/21/2024

 Zinc **24.1** mg/Kg 8/23/2024 15:54

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
PCB-1016	< 0.165	mg/Kg		8/23/2024 20:01
PCB-1221	< 0.165	mg/Kg		8/23/2024 20:01
PCB-1232	< 0.165	mg/Kg		8/23/2024 20:01
PCB-1242	< 0.165	mg/Kg		8/23/2024 20:01
PCB-1248	< 0.165	mg/Kg		8/23/2024 20:01
PCB-1254	< 0.165	mg/Kg		8/23/2024 20:01
PCB-1260	< 0.165	mg/Kg		8/23/2024 20:01
PCB-1262	< 0.165	mg/Kg		8/23/2024 20:01
PCB-1268	< 0.165	mg/Kg		8/23/2024 20:01

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>
Tetrachloro-m-xylene	<b>81.8</b>	16.1 - 102		8/23/2024 20:01

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/22/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
1,1-Biphenyl	< 279	ug/Kg		8/27/2024 12:59
1,2,4,5-Tetrachlorobenzene	< 279	ug/Kg		8/27/2024 12:59
1,2,4-Trichlorobenzene	< 279	ug/Kg		8/27/2024 12:59
1,2-Dichlorobenzene	< 279	ug/Kg		8/27/2024 12:59
1,3-Dichlorobenzene	< 279	ug/Kg		8/27/2024 12:59
1,4-Dichlorobenzene	< 279	ug/Kg		8/27/2024 12:59
2,2-Oxybis (1-chloropropane)	< 279	ug/Kg		8/27/2024 12:59
2,3,4,6-Tetrachlorophenol	< 279	ug/Kg		8/27/2024 12:59

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-6

**Lab Sample ID:** 243844-06

**Date Sampled:** 8/20/2024 11:40

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 279	ug/Kg	8/27/2024 12:59
2,4,6-Trichlorophenol	< 279	ug/Kg	8/27/2024 12:59
2,4-Dichlorophenol	< 279	ug/Kg	8/27/2024 12:59
2,4-Dimethylphenol	< 279	ug/Kg	8/27/2024 12:59
2,4-Dinitrophenol	< 1120	ug/Kg	8/27/2024 12:59
2,4-Dinitrotoluene	< 279	ug/Kg	8/27/2024 12:59
2,6-Dinitrotoluene	< 279	ug/Kg	8/27/2024 12:59
2-Chloronaphthalene	< 279	ug/Kg	8/27/2024 12:59
2-Chlorophenol	< 279	ug/Kg	8/27/2024 12:59
2-Methylnapthalene	< 279	ug/Kg	8/27/2024 12:59
2-Methylphenol	< 279	ug/Kg	8/27/2024 12:59
2-Nitroaniline	< 279	ug/Kg	8/27/2024 12:59
2-Nitrophenol	< 279	ug/Kg	8/27/2024 12:59
3&4-Methylphenol	< 279	ug/Kg	8/27/2024 12:59
3,3'-Dichlorobenzidine	< 279	ug/Kg	8/27/2024 12:59
3-Nitroaniline	< 279	ug/Kg	8/27/2024 12:59
4,6-Dinitro-2-methylphenol	< 559	ug/Kg	8/27/2024 12:59
4-Bromophenyl phenyl ether	< 279	ug/Kg	8/27/2024 12:59
4-Chloro-3-methylphenol	< 279	ug/Kg	8/27/2024 12:59
4-Chloroaniline	< 279	ug/Kg	8/27/2024 12:59
4-Chlorophenyl phenyl ether	< 279	ug/Kg	8/27/2024 12:59
4-Nitroaniline	< 279	ug/Kg	8/27/2024 12:59
4-Nitrophenol	< 279	ug/Kg	8/27/2024 12:59
Acenaphthene	< 279	ug/Kg	8/27/2024 12:59
Acenaphthylene	< 279	ug/Kg	8/27/2024 12:59
Acetophenone	< 279	ug/Kg	8/27/2024 12:59
Anthracene	< 279	ug/Kg	8/27/2024 12:59
Atrazine	< 279	ug/Kg	8/27/2024 12:59
Benzaldehyde	< 279	ug/Kg	8/27/2024 12:59
Benzo (a) anthracene	<b>532</b>	ug/Kg	8/27/2024 12:59

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-6

**Lab Sample ID:** 243844-06

**Date Sampled:** 8/20/2024 11:40

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	<b>815</b>	ug/Kg	8/27/2024 12:59
Benzo (b) fluoranthene	<b>722</b>	ug/Kg	8/27/2024 12:59
Benzo (g,h,i) perylene	<b>552</b>	ug/Kg	8/27/2024 12:59
Benzo (k) fluoranthene	<b>528</b>	ug/Kg	8/27/2024 12:59
Bis (2-chloroethoxy) methane	< 279	ug/Kg	8/27/2024 12:59
Bis (2-chloroethyl) ether	< 279	ug/Kg	8/27/2024 12:59
Bis (2-ethylhexyl) phthalate	< 279	ug/Kg	8/27/2024 12:59
Butylbenzylphthalate	< 279	ug/Kg	8/27/2024 12:59
Caprolactam	< 279	ug/Kg	8/27/2024 12:59
Carbazole	< 279	ug/Kg	8/27/2024 12:59
Chrysene	<b>726</b>	ug/Kg	8/27/2024 12:59
Dibenz (a,h) anthracene	< 279	ug/Kg	8/27/2024 12:59
Dibenzofuran	< 279	ug/Kg	8/27/2024 12:59
Diethyl phthalate	< 279	ug/Kg	8/27/2024 12:59
Dimethyl phthalate	< 279	ug/Kg	8/27/2024 12:59
Di-n-butyl phthalate	< 279	ug/Kg	8/27/2024 12:59
Di-n-octylphthalate	< 279	ug/Kg	8/27/2024 12:59
Fluoranthene	<b>583</b>	ug/Kg	8/27/2024 12:59
Fluorene	< 279	ug/Kg	8/27/2024 12:59
Hexachlorobenzene	< 279	ug/Kg	8/27/2024 12:59
Hexachlorobutadiene	< 279	ug/Kg	8/27/2024 12:59
Hexachlorocyclopentadiene	< 1120	ug/Kg	8/27/2024 12:59
Hexachloroethane	< 279	ug/Kg	8/27/2024 12:59
Indeno (1,2,3-cd) pyrene	<b>574</b>	ug/Kg	8/27/2024 12:59
Isophorone	< 279	ug/Kg	8/27/2024 12:59
Naphthalene	< 279	ug/Kg	8/27/2024 12:59
Nitrobenzene	< 279	ug/Kg	8/27/2024 12:59
N-Nitroso-di-n-propylamine	< 279	ug/Kg	8/27/2024 12:59
N-Nitrosodiphenylamine	< 279	ug/Kg	8/27/2024 12:59
Pentachlorophenol	< 559	ug/Kg	8/27/2024 12:59

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-6

**Lab Sample ID:** 243844-06

**Date Sampled:** 8/20/2024 11:40

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	297	ug/Kg		8/27/2024	12:59
Phenol	< 279	ug/Kg		8/27/2024	12:59
Pyrene	775	ug/Kg		8/27/2024	12:59
<b><u>Surrogate</u></b>	<b><u>Percent Recovery</u></b>	<b><u>Limits</u></b>	<b><u>Outliers</u></b>	<b><u>Date Analyzed</u></b>	
2,4,6-Tribromophenol	70.5	34.3 - 95.6		8/27/2024	12:59
2-Fluorobiphenyl	72.0	37.9 - 87.2		8/27/2024	12:59
2-Fluorophenol	68.9	34.4 - 80.5		8/27/2024	12:59
Nitrobenzene-d5	66.5	33.2 - 82.1		8/27/2024	12:59
Phenol-d5	73.8	36.4 - 85.4		8/27/2024	12:59
Terphenyl-d14	76.3	45.9 - 96		8/27/2024	12:59

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/23/2024

**Data File:** B73430.D

**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-7

**Lab Sample ID:** 243844-07

**Date Sampled:** 8/20/2024 11:50

**Matrix:** Soil

**Date Received** 8/21/2024

**Mercury**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Mercury	<b>0.0506</b>	mg/Kg		8/26/2024 15:59
<b>Method Reference(s):</b> EPA 7471B <b>Preparation Date:</b> 8/26/2024 <b>Data File:</b> Hg240826B				

**TAL Metals (ICP)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Aluminum	<b>3660</b>	mg/Kg		8/23/2024 14:14
Antimony	< 3.10	mg/Kg		8/23/2024 14:14
Arsenic	<b>24.7</b>	mg/Kg		8/23/2024 14:14
Barium	<b>79.6</b>	mg/Kg		8/23/2024 14:14
Beryllium	< 0.258	mg/Kg		8/23/2024 14:14
Cadmium	<b>4.59</b>	mg/Kg		8/23/2024 14:14
Calcium	<b>144000</b>	mg/Kg		8/23/2024 15:57
Chromium	<b>171</b>	mg/Kg		8/23/2024 14:14
Cobalt	<b>11.6</b>	mg/Kg		8/23/2024 14:14
Copper	<b>237</b>	mg/Kg		8/23/2024 14:14
Iron	<b>123000</b>	mg/Kg		8/23/2024 15:57
Lead	<b>42.2</b>	mg/Kg		8/23/2024 14:14
Magnesium	<b>7700</b>	mg/Kg		8/23/2024 14:14
Manganese	<b>3070</b>	mg/Kg		8/23/2024 15:57
Nickel	<b>109</b>	mg/Kg		8/23/2024 14:14
Potassium	<b>1080</b>	mg/Kg		8/23/2024 14:14
Selenium	< 1.03	mg/Kg		8/23/2024 14:14
Silver	< 0.517	mg/Kg		8/23/2024 14:14
Sodium	<b>592</b>	mg/Kg		8/23/2024 14:14
Thallium	< 1.29	mg/Kg		8/23/2024 14:14
Vanadium	<b>16.9</b>	mg/Kg		8/23/2024 14:14

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-7

**Lab Sample ID:** 243844-07

**Date Sampled:** 8/20/2024 11:50

**Matrix:** Soil

**Date Received** 8/21/2024

Zinc 115 mg/Kg 8/23/2024 14:14

**Method Reference(s):** EPA 6010C

EPA 3050B

**Preparation Date:** 8/22/2024

**Data File:** 240823A

**PCBs**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
PCB-1016	< 0.134	mg/Kg		8/23/2024 21:10
PCB-1221	< 0.134	mg/Kg		8/23/2024 21:10
PCB-1232	< 0.134	mg/Kg		8/23/2024 21:10
PCB-1242	< 0.134	mg/Kg		8/23/2024 21:10
PCB-1248	< 0.134	mg/Kg		8/23/2024 21:10
PCB-1254	< 0.134	mg/Kg		8/23/2024 21:10
PCB-1260	< 0.134	mg/Kg		8/23/2024 21:10
PCB-1262	< 0.134	mg/Kg		8/23/2024 21:10
PCB-1268	< 0.134	mg/Kg		8/23/2024 21:10

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>
Tetrachloro-m-xylene	83.2	16.1 - 102		8/23/2024 21:10

**Method Reference(s):** EPA 8082A

EPA 3546

**Preparation Date:** 8/23/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
1,1-Biphenyl	< 302	ug/Kg		8/27/2024 13:28
1,2,4,5-Tetrachlorobenzene	< 302	ug/Kg		8/27/2024 13:28
1,2,4-Trichlorobenzene	< 302	ug/Kg		8/27/2024 13:28
1,2-Dichlorobenzene	< 302	ug/Kg		8/27/2024 13:28
1,3-Dichlorobenzene	< 302	ug/Kg		8/27/2024 13:28
1,4-Dichlorobenzene	< 302	ug/Kg		8/27/2024 13:28
2,2-Oxybis (1-chloropropane)	< 302	ug/Kg		8/27/2024 13:28
2,3,4,6-Tetrachlorophenol	< 302	ug/Kg	M	8/27/2024 13:28

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-7

**Lab Sample ID:** 243844-07

**Date Sampled:** 8/20/2024 11:50

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 302	ug/Kg		8/27/2024 13:28
2,4,6-Trichlorophenol	< 302	ug/Kg		8/27/2024 13:28
2,4-Dichlorophenol	< 302	ug/Kg		8/27/2024 13:28
2,4-Dimethylphenol	< 302	ug/Kg	M	8/27/2024 13:28
2,4-Dinitrophenol	< 1210	ug/Kg		8/27/2024 13:28
2,4-Dinitrotoluene	< 302	ug/Kg		8/27/2024 13:28
2,6-Dinitrotoluene	< 302	ug/Kg		8/27/2024 13:28
2-Chloronaphthalene	< 302	ug/Kg		8/27/2024 13:28
2-Chlorophenol	< 302	ug/Kg		8/27/2024 13:28
2-Methylnapthalene	< 302	ug/Kg		8/27/2024 13:28
2-Methylphenol	< 302	ug/Kg		8/27/2024 13:28
2-Nitroaniline	< 302	ug/Kg		8/27/2024 13:28
2-Nitrophenol	< 302	ug/Kg	M	8/27/2024 13:28
3&4-Methylphenol	< 302	ug/Kg		8/27/2024 13:28
3,3'-Dichlorobenzidine	< 302	ug/Kg		8/27/2024 13:28
3-Nitroaniline	< 302	ug/Kg		8/27/2024 13:28
4,6-Dinitro-2-methylphenol	< 604	ug/Kg		8/27/2024 13:28
4-Bromophenyl phenyl ether	< 302	ug/Kg		8/27/2024 13:28
4-Chloro-3-methylphenol	< 302	ug/Kg		8/27/2024 13:28
4-Chloroaniline	< 302	ug/Kg		8/27/2024 13:28
4-Chlorophenyl phenyl ether	< 302	ug/Kg		8/27/2024 13:28
4-Nitroaniline	< 302	ug/Kg		8/27/2024 13:28
4-Nitrophenol	< 302	ug/Kg		8/27/2024 13:28
Acenaphthene	1130	ug/Kg	M	8/27/2024 13:28
Acenaphthylene	< 302	ug/Kg		8/27/2024 13:28
Acetophenone	< 302	ug/Kg		8/27/2024 13:28
Anthracene	1710	ug/Kg		8/27/2024 13:28
Atrazine	< 302	ug/Kg		8/27/2024 13:28
Benzaldehyde	< 302	ug/Kg		8/27/2024 13:28
Benzo (a) anthracene	5410	ug/Kg		8/27/2024 13:28

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-7

**Lab Sample ID:** 243844-07

**Date Sampled:** 8/20/2024 11:50

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	<b>6330</b>	ug/Kg	8/27/2024 13:28
Benzo (b) fluoranthene	<b>6970</b>	ug/Kg	8/27/2024 13:28
Benzo (g,h,i) perylene	<b>3980</b>	ug/Kg	8/27/2024 13:28
Benzo (k) fluoranthene	<b>3800</b>	ug/Kg	8/27/2024 13:28
Bis (2-chloroethoxy) methane	< 302	ug/Kg	8/27/2024 13:28
Bis (2-chloroethyl) ether	< 302	ug/Kg	8/27/2024 13:28
Bis (2-ethylhexyl) phthalate	< 302	ug/Kg	8/27/2024 13:28
Butylbenzylphthalate	< 302	ug/Kg	8/27/2024 13:28
Caprolactam	< 302	ug/Kg	8/27/2024 13:28
Carbazole	<b>1130</b>	ug/Kg	8/27/2024 13:28
Chrysene	<b>6520</b>	ug/Kg	8/27/2024 13:28
Dibenz (a,h) anthracene	<b>1510</b>	ug/Kg	8/27/2024 13:28
Dibenzofuran	<b>441</b>	ug/Kg	8/27/2024 13:28
Diethyl phthalate	< 302	ug/Kg	8/27/2024 13:28
Dimethyl phthalate	< 302	ug/Kg	8/27/2024 13:28
Di-n-butyl phthalate	< 302	ug/Kg	8/27/2024 13:28
Di-n-octylphthalate	< 302	ug/Kg	8/27/2024 13:28
Fluoranthene	<b>12000</b>	ug/Kg	8/27/2024 13:28
Fluorene	<b>919</b>	ug/Kg	8/27/2024 13:28
Hexachlorobenzene	< 302	ug/Kg	8/27/2024 13:28
Hexachlorobutadiene	< 302	ug/Kg	8/27/2024 13:28
Hexachlorocyclopentadiene	< 1210	ug/Kg	8/27/2024 13:28
Hexachloroethane	< 302	ug/Kg	8/27/2024 13:28
Indeno (1,2,3-cd) pyrene	<b>4430</b>	ug/Kg	8/27/2024 13:28
Isophorone	< 302	ug/Kg	8/27/2024 13:28
Naphthalene	< 302	ug/Kg	8/27/2024 13:28
Nitrobenzene	< 302	ug/Kg	8/27/2024 13:28
N-Nitroso-di-n-propylamine	< 302	ug/Kg	8/27/2024 13:28
N-Nitrosodiphenylamine	< 302	ug/Kg	8/27/2024 13:28
Pentachlorophenol	< 604	ug/Kg	8/27/2024 13:28

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-7

**Lab Sample ID:** 243844-07

**Date Sampled:** 8/20/2024 11:50

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	9040	ug/Kg		8/27/2024 13:28
Phenol	< 302	ug/Kg		8/27/2024 13:28
Pyrene	10600	ug/Kg	D,M	8/27/2024 13:28
<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>
2,4,6-Tribromophenol	46.9	34.3 - 95.6		8/27/2024 13:28
2-Fluorobiphenyl	58.5	37.9 - 87.2		8/27/2024 13:28
2-Fluorophenol	53.2	34.4 - 80.5		8/27/2024 13:28
Nitrobenzene-d5	52.8	33.2 - 82.1		8/27/2024 13:28
Phenol-d5	58.9	36.4 - 85.4		8/27/2024 13:28
Terphenyl-d14	64.6	45.9 - 96		8/27/2024 13:28

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/23/2024

**Data File:** B73431.D



Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-8

Lab Sample ID: 243844-08

Date Sampled: 8/20/2024 11:55

Matrix: Soil

Date Received 8/21/2024

**Mercury**

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	< 0.00706	mg/Kg		8/26/2024 16:05
Method Reference(s): EPA 7471B				
Preparation Date: 8/26/2024				
Data File: Hg240826B				

**TAL Metals (ICP)**

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	856	mg/Kg		8/23/2024 14:18
Antimony	< 3.03	mg/Kg		8/23/2024 14:18
Arsenic	2.74	mg/Kg		8/23/2024 14:18
Barium	< 5.05	mg/Kg		8/23/2024 14:18
Beryllium	< 0.253	mg/Kg		8/23/2024 14:18
Cadmium	< 0.253	mg/Kg		8/23/2024 14:18
Calcium	147000	mg/Kg		8/23/2024 16:00
Chromium	3.83	mg/Kg		8/23/2024 14:18
Cobalt	< 2.53	mg/Kg		8/23/2024 14:18
Copper	6.23	mg/Kg		8/23/2024 14:18
Iron	2670	mg/Kg		8/23/2024 14:18
Lead	2.78	mg/Kg		8/23/2024 14:18
Magnesium	4030	mg/Kg		8/23/2024 14:18
Manganese	52.2	mg/Kg		8/23/2024 14:18
Nickel	7.60	mg/Kg		8/23/2024 14:18
Potassium	547	mg/Kg		8/23/2024 14:18
Selenium	< 1.01	mg/Kg		8/23/2024 14:18
Silver	< 0.505	mg/Kg		8/23/2024 14:18
Sodium	204	mg/Kg		8/23/2024 14:18
Thallium	< 1.26	mg/Kg		8/23/2024 14:18
Vanadium	3.22	mg/Kg		8/23/2024 14:18

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Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-8

Lab Sample ID: 243844-08

Date Sampled: 8/20/2024 11:55

Matrix: Soil

Date Received 8/21/2024

Zinc 14.4 mg/Kg 8/23/2024 14:18

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.142	mg/Kg		8/23/2024 21:33
PCB-1221	< 0.142	mg/Kg		8/23/2024 21:33
PCB-1232	< 0.142	mg/Kg		8/23/2024 21:33
PCB-1242	< 0.142	mg/Kg		8/23/2024 21:33
PCB-1248	< 0.142	mg/Kg		8/23/2024 21:33
PCB-1254	< 0.142	mg/Kg		8/23/2024 21:33
PCB-1260	< 0.142	mg/Kg		8/23/2024 21:33
PCB-1262	< 0.142	mg/Kg		8/23/2024 21:33
PCB-1268	< 0.142	mg/Kg		8/23/2024 21:33

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	72.2	16.1 - 102		8/23/2024 21:33

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/23/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 288	ug/Kg		8/27/2024 14:56
1,2,4,5-Tetrachlorobenzene	< 288	ug/Kg		8/27/2024 14:56
1,2,4-Trichlorobenzene	< 288	ug/Kg		8/27/2024 14:56
1,2-Dichlorobenzene	< 288	ug/Kg		8/27/2024 14:56
1,3-Dichlorobenzene	< 288	ug/Kg		8/27/2024 14:56
1,4-Dichlorobenzene	< 288	ug/Kg		8/27/2024 14:56
2,2-Oxybis (1-chloropropane)	< 288	ug/Kg		8/27/2024 14:56
2,3,4,6-Tetrachlorophenol	< 288	ug/Kg		8/27/2024 14:56

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-8

**Lab Sample ID:** 243844-08

**Date Sampled:** 8/20/2024 11:55

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 288	ug/Kg	8/27/2024 14:56
2,4,6-Trichlorophenol	< 288	ug/Kg	8/27/2024 14:56
2,4-Dichlorophenol	< 288	ug/Kg	8/27/2024 14:56
2,4-Dimethylphenol	< 288	ug/Kg	8/27/2024 14:56
2,4-Dinitrophenol	< 1150	ug/Kg	8/27/2024 14:56
2,4-Dinitrotoluene	< 288	ug/Kg	8/27/2024 14:56
2,6-Dinitrotoluene	< 288	ug/Kg	8/27/2024 14:56
2-Chloronaphthalene	< 288	ug/Kg	8/27/2024 14:56
2-Chlorophenol	< 288	ug/Kg	8/27/2024 14:56
2-Methylnapthalene	< 288	ug/Kg	8/27/2024 14:56
2-Methylphenol	< 288	ug/Kg	8/27/2024 14:56
2-Nitroaniline	< 288	ug/Kg	8/27/2024 14:56
2-Nitrophenol	< 288	ug/Kg	8/27/2024 14:56
3&4-Methylphenol	< 288	ug/Kg	8/27/2024 14:56
3,3'-Dichlorobenzidine	< 288	ug/Kg	8/27/2024 14:56
3-Nitroaniline	< 288	ug/Kg	8/27/2024 14:56
4,6-Dinitro-2-methylphenol	< 576	ug/Kg	8/27/2024 14:56
4-Bromophenyl phenyl ether	< 288	ug/Kg	8/27/2024 14:56
4-Chloro-3-methylphenol	< 288	ug/Kg	8/27/2024 14:56
4-Chloroaniline	< 288	ug/Kg	8/27/2024 14:56
4-Chlorophenyl phenyl ether	< 288	ug/Kg	8/27/2024 14:56
4-Nitroaniline	< 288	ug/Kg	8/27/2024 14:56
4-Nitrophenol	< 288	ug/Kg	8/27/2024 14:56
Acenaphthene	< 288	ug/Kg	8/27/2024 14:56
Acenaphthylene	< 288	ug/Kg	8/27/2024 14:56
Acetophenone	< 288	ug/Kg	8/27/2024 14:56
Anthracene	< 288	ug/Kg	8/27/2024 14:56
Atrazine	< 288	ug/Kg	8/27/2024 14:56
Benzaldehyde	< 288	ug/Kg	8/27/2024 14:56
Benzo (a) anthracene	< 288	ug/Kg	8/27/2024 14:56

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-8

**Lab Sample ID:** 243844-08

**Date Sampled:** 8/20/2024 11:55

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	< 288	ug/Kg	8/27/2024 14:56
Benzo (b) fluoranthene	< 288	ug/Kg	8/27/2024 14:56
Benzo (g,h,i) perylene	< 288	ug/Kg	8/27/2024 14:56
Benzo (k) fluoranthene	< 288	ug/Kg	8/27/2024 14:56
Bis (2-chloroethoxy) methane	< 288	ug/Kg	8/27/2024 14:56
Bis (2-chloroethyl) ether	< 288	ug/Kg	8/27/2024 14:56
Bis (2-ethylhexyl) phthalate	< 288	ug/Kg	8/27/2024 14:56
Butylbenzylphthalate	< 288	ug/Kg	8/27/2024 14:56
Caprolactam	< 288	ug/Kg	8/27/2024 14:56
Carbazole	< 288	ug/Kg	8/27/2024 14:56
Chrysene	< 288	ug/Kg	8/27/2024 14:56
Dibenz (a,h) anthracene	< 288	ug/Kg	8/27/2024 14:56
Dibenzofuran	< 288	ug/Kg	8/27/2024 14:56
Diethyl phthalate	< 288	ug/Kg	8/27/2024 14:56
Dimethyl phthalate	< 288	ug/Kg	8/27/2024 14:56
Di-n-butyl phthalate	< 288	ug/Kg	8/27/2024 14:56
Di-n-octylphthalate	< 288	ug/Kg	8/27/2024 14:56
Fluoranthene	< 288	ug/Kg	8/27/2024 14:56
Fluorene	< 288	ug/Kg	8/27/2024 14:56
Hexachlorobenzene	< 288	ug/Kg	8/27/2024 14:56
Hexachlorobutadiene	< 288	ug/Kg	8/27/2024 14:56
Hexachlorocyclopentadiene	< 1150	ug/Kg	8/27/2024 14:56
Hexachloroethane	< 288	ug/Kg	8/27/2024 14:56
Indeno (1,2,3-cd) pyrene	< 288	ug/Kg	8/27/2024 14:56
Isophorone	< 288	ug/Kg	8/27/2024 14:56
Naphthalene	< 288	ug/Kg	8/27/2024 14:56
Nitrobenzene	< 288	ug/Kg	8/27/2024 14:56
N-Nitroso-di-n-propylamine	< 288	ug/Kg	8/27/2024 14:56
N-Nitrosodiphenylamine	< 288	ug/Kg	8/27/2024 14:56
Pentachlorophenol	< 576	ug/Kg	8/27/2024 14:56

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-8

**Lab Sample ID:** 243844-08

**Date Sampled:** 8/20/2024 11:55

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	< 288	ug/Kg	8/27/2024 14:56
Phenol	< 288	ug/Kg	8/27/2024 14:56
Pyrene	< 288	ug/Kg	8/27/2024 14:56

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
2,4,6-Tribromophenol	<b>64.0</b>	34.3 - 95.6		8/27/2024 14:56
2-Fluorobiphenyl	<b>70.0</b>	37.9 - 87.2		8/27/2024 14:56
2-Fluorophenol	<b>67.2</b>	34.4 - 80.5		8/27/2024 14:56
Nitrobenzene-d5	<b>64.9</b>	33.2 - 82.1		8/27/2024 14:56
Phenol-d5	<b>73.1</b>	36.4 - 85.4		8/27/2024 14:56
Terphenyl-d14	<b>78.5</b>	45.9 - 96		8/27/2024 14:56

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/23/2024

**Data File:** B73434.D

**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-9

**Lab Sample ID:** 243844-09

**Date Sampled:** 8/20/2024 12:00

**Matrix:** Soil

**Date Received** 8/21/2024

**Mercury**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Mercury	<b>0.0188</b>	mg/Kg		8/26/2024 16:07
<b>Method Reference(s):</b> EPA 7471B <b>Preparation Date:</b> 8/26/2024 <b>Data File:</b> Hg240826B				

**TAL Metals (ICP)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
Aluminum	<b>8320</b>	mg/Kg		8/23/2024 14:21
Antimony	< 3.18	mg/Kg		8/23/2024 14:21
Arsenic	<b>7.30</b>	mg/Kg		8/23/2024 14:21
Barium	<b>90.9</b>	mg/Kg		8/23/2024 14:21
Beryllium	<b>0.752</b>	mg/Kg		8/23/2024 14:21
Cadmium	<b>0.795</b>	mg/Kg		8/23/2024 14:21
Calcium	<b>127000</b>	mg/Kg		8/23/2024 16:03
Chromium	<b>24.9</b>	mg/Kg		8/23/2024 14:21
Cobalt	<b>3.38</b>	mg/Kg		8/23/2024 14:21
Copper	<b>2070</b>	mg/Kg		8/23/2024 16:03
Iron	<b>19400</b>	mg/Kg		8/23/2024 14:21
Lead	<b>33.6</b>	mg/Kg		8/23/2024 14:21
Magnesium	<b>11400</b>	mg/Kg		8/23/2024 14:21
Manganese	<b>1770</b>	mg/Kg		8/23/2024 16:03
Nickel	<b>16.4</b>	mg/Kg		8/23/2024 14:21
Potassium	<b>927</b>	mg/Kg		8/23/2024 14:21
Selenium	< 1.06	mg/Kg		8/23/2024 14:21
Silver	< 0.530	mg/Kg		8/23/2024 14:21
Sodium	<b>365</b>	mg/Kg		8/23/2024 14:21
Thallium	< 1.32	mg/Kg		8/23/2024 14:21
Vanadium	<b>8.56</b>	mg/Kg		8/23/2024 14:21

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Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-9

Lab Sample ID: 243844-09

Date Sampled: 8/20/2024 12:00

Matrix: Soil

Date Received 8/21/2024

Zinc 54.0 mg/Kg 8/23/2024 14:21

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.163	mg/Kg		8/23/2024 21:56
PCB-1221	< 0.163	mg/Kg		8/23/2024 21:56
PCB-1232	< 0.163	mg/Kg		8/23/2024 21:56
PCB-1242	< 0.163	mg/Kg		8/23/2024 21:56
PCB-1248	< 0.163	mg/Kg		8/23/2024 21:56
PCB-1254	0.449	mg/Kg		8/23/2024 21:56
PCB-1260	< 0.163	mg/Kg		8/23/2024 21:56
PCB-1262	< 0.163	mg/Kg		8/23/2024 21:56
PCB-1268	< 0.163	mg/Kg		8/23/2024 21:56

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	86.6	16.1 - 102		8/23/2024 21:56

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/23/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 304	ug/Kg		8/27/2024 15:26
1,2,4,5-Tetrachlorobenzene	< 304	ug/Kg		8/27/2024 15:26
1,2,4-Trichlorobenzene	< 304	ug/Kg		8/27/2024 15:26
1,2-Dichlorobenzene	< 304	ug/Kg		8/27/2024 15:26
1,3-Dichlorobenzene	< 304	ug/Kg		8/27/2024 15:26
1,4-Dichlorobenzene	< 304	ug/Kg		8/27/2024 15:26
2,2-Oxybis (1-chloropropane)	< 304	ug/Kg		8/27/2024 15:26
2,3,4,6-Tetrachlorophenol	< 304	ug/Kg		8/27/2024 15:26

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-9

**Lab Sample ID:** 243844-09

**Date Sampled:** 8/20/2024 12:00

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 304	ug/Kg	8/27/2024 15:26
2,4,6-Trichlorophenol	< 304	ug/Kg	8/27/2024 15:26
2,4-Dichlorophenol	< 304	ug/Kg	8/27/2024 15:26
2,4-Dimethylphenol	< 304	ug/Kg	8/27/2024 15:26
2,4-Dinitrophenol	< 1220	ug/Kg	8/27/2024 15:26
2,4-Dinitrotoluene	< 304	ug/Kg	8/27/2024 15:26
2,6-Dinitrotoluene	< 304	ug/Kg	8/27/2024 15:26
2-Chloronaphthalene	< 304	ug/Kg	8/27/2024 15:26
2-Chlorophenol	< 304	ug/Kg	8/27/2024 15:26
2-Methylnapthalene	<b>333</b>	ug/Kg	8/27/2024 15:26
2-Methylphenol	< 304	ug/Kg	8/27/2024 15:26
2-Nitroaniline	< 304	ug/Kg	8/27/2024 15:26
2-Nitrophenol	< 304	ug/Kg	8/27/2024 15:26
3&4-Methylphenol	< 304	ug/Kg	8/27/2024 15:26
3,3'-Dichlorobenzidine	< 304	ug/Kg	8/27/2024 15:26
3-Nitroaniline	< 304	ug/Kg	8/27/2024 15:26
4,6-Dinitro-2-methylphenol	< 609	ug/Kg	8/27/2024 15:26
4-Bromophenyl phenyl ether	< 304	ug/Kg	8/27/2024 15:26
4-Chloro-3-methylphenol	< 304	ug/Kg	8/27/2024 15:26
4-Chloroaniline	< 304	ug/Kg	8/27/2024 15:26
4-Chlorophenyl phenyl ether	< 304	ug/Kg	8/27/2024 15:26
4-Nitroaniline	< 304	ug/Kg	8/27/2024 15:26
4-Nitrophenol	< 304	ug/Kg	8/27/2024 15:26
Acenaphthene	< 304	ug/Kg	8/27/2024 15:26
Acenaphthylene	< 304	ug/Kg	8/27/2024 15:26
Acetophenone	< 304	ug/Kg	8/27/2024 15:26
Anthracene	<b>475</b>	ug/Kg	8/27/2024 15:26
Atrazine	< 304	ug/Kg	8/27/2024 15:26
Benzaldehyde	< 304	ug/Kg	8/27/2024 15:26
Benzo (a) anthracene	<b>4850</b>	ug/Kg	8/27/2024 15:26

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

<b>Sample Identifier:</b>	SS-9		
<b>Lab Sample ID:</b>	243844-09	<b>Date Sampled:</b> 8/20/2024	12:00
<b>Matrix:</b>	Soil	<b>Date Received</b> 8/21/2024	

Benzo (a) pyrene	7510	ug/Kg	8/27/2024 15:26
Benzo (b) fluoranthene	7900	ug/Kg	8/27/2024 15:26
Benzo (g,h,i) perylene	5190	ug/Kg	8/27/2024 15:26
Benzo (k) fluoranthene	4750	ug/Kg	8/27/2024 15:26
Bis (2-chloroethoxy) methane	< 304	ug/Kg	8/27/2024 15:26
Bis (2-chloroethyl) ether	< 304	ug/Kg	8/27/2024 15:26
Bis (2-ethylhexyl) phthalate	< 304	ug/Kg	8/27/2024 15:26
Butylbenzylphthalate	< 304	ug/Kg	8/27/2024 15:26
Caprolactam	< 304	ug/Kg	8/27/2024 15:26
Carbazole	340	ug/Kg	8/27/2024 15:26
Chrysene	6170	ug/Kg	8/27/2024 15:26
Dibenz (a,h) anthracene	1900	ug/Kg	8/27/2024 15:26
Dibenzofuran	< 304	ug/Kg	8/27/2024 15:26
Diethyl phthalate	< 304	ug/Kg	8/27/2024 15:26
Dimethyl phthalate	< 304	ug/Kg	8/27/2024 15:26
Di-n-butyl phthalate	< 304	ug/Kg	8/27/2024 15:26
Di-n-octylphthalate	< 304	ug/Kg	8/27/2024 15:26
Fluoranthene	6540	ug/Kg	8/27/2024 15:26
Fluorene	< 304	ug/Kg	8/27/2024 15:26
Hexachlorobenzene	< 304	ug/Kg	8/27/2024 15:26
Hexachlorobutadiene	< 304	ug/Kg	8/27/2024 15:26
Hexachlorocyclopentadiene	< 1220	ug/Kg	8/27/2024 15:26
Hexachloroethane	< 304	ug/Kg	8/27/2024 15:26
Indeno (1,2,3-cd) pyrene	5590	ug/Kg	8/27/2024 15:26
Isophorone	< 304	ug/Kg	8/27/2024 15:26
Naphthalene	< 304	ug/Kg	8/27/2024 15:26
Nitrobenzene	< 304	ug/Kg	8/27/2024 15:26
N-Nitroso-di-n-propylamine	< 304	ug/Kg	8/27/2024 15:26
N-Nitrosodiphenylamine	< 304	ug/Kg	8/27/2024 15:26
Pentachlorophenol	< 609	ug/Kg	8/27/2024 15:26

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-9

**Lab Sample ID:** 243844-09

**Date Sampled:** 8/20/2024 12:00

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	2290	ug/Kg		8/27/2024	15:26
Phenol	< 304	ug/Kg		8/27/2024	15:26
Pyrene	6970	ug/Kg		8/27/2024	15:26
<b><u>Surrogate</u></b>	<b><u>Percent Recovery</u></b>	<b><u>Limits</u></b>	<b><u>Outliers</u></b>	<b><u>Date Analyzed</u></b>	
2,4,6-Tribromophenol	65.4	34.3 - 95.6		8/27/2024	15:26
2-Fluorobiphenyl	65.7	37.9 - 87.2		8/27/2024	15:26
2-Fluorophenol	65.2	34.4 - 80.5		8/27/2024	15:26
Nitrobenzene-d5	62.4	33.2 - 82.1		8/27/2024	15:26
Phenol-d5	70.0	36.4 - 85.4		8/27/2024	15:26
Terphenyl-d14	73.1	45.9 - 96		8/27/2024	15:26

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/23/2024

**Data File:** B73435.D

**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-10

**Lab Sample ID:** 243844-10

**Date Sampled:** 8/20/2024 12:10

**Matrix:** Soil

**Date Received** 8/21/2024

### **Mercury**

<u><b>Analyte</b></u>	<u><b>Result</b></u>	<u><b>Units</b></u>	<u><b>Qualifier</b></u>	<u><b>Date Analyzed</b></u>
Mercury	<b>0.0264</b>	mg/Kg		8/26/2024 16:09
Method Reference(s): EPA 7471B Preparation Date: 8/26/2024 Data File: Hg240826B				

### **TAL Metals (ICP)**

<u><b>Analyte</b></u>	<u><b>Result</b></u>	<u><b>Units</b></u>	<u><b>Qualifier</b></u>	<u><b>Date Analyzed</b></u>
Aluminum	<b>3120</b>	mg/Kg		8/23/2024 14:25
Antimony	< 3.38	mg/Kg		8/23/2024 14:25
Arsenic	<b>8.24</b>	mg/Kg		8/23/2024 14:25
Barium	<b>33.4</b>	mg/Kg		8/23/2024 14:25
Beryllium	< 0.282	mg/Kg		8/23/2024 14:25
Cadmium	<b>0.895</b>	mg/Kg		8/23/2024 14:25
Calcium	<b>181000</b>	mg/Kg		8/23/2024 16:06
Chromium	<b>21.6</b>	mg/Kg		8/23/2024 14:25
Cobalt	< 2.82	mg/Kg		8/23/2024 14:25
Copper	<b>40.6</b>	mg/Kg		8/23/2024 14:25
Iron	<b>19300</b>	mg/Kg		8/23/2024 14:25
Lead	<b>33.4</b>	mg/Kg		8/23/2024 14:25
Magnesium	<b>8090</b>	mg/Kg		8/23/2024 14:25
Manganese	<b>533</b>	mg/Kg		8/23/2024 14:25
Nickel	<b>20.6</b>	mg/Kg		8/23/2024 14:25
Potassium	<b>677</b>	mg/Kg		8/23/2024 14:25
Selenium	< 1.13	mg/Kg		8/23/2024 14:25
Silver	< 0.563	mg/Kg		8/23/2024 14:25
Sodium	<b>328</b>	mg/Kg		8/23/2024 14:25
Thallium	< 1.41	mg/Kg		8/23/2024 14:25
Vanadium	<b>7.19</b>	mg/Kg		8/23/2024 14:25

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Lab Project ID: 243844

 Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-10

Lab Sample ID: 243844-10

Date Sampled: 8/20/2024 12:10

Matrix: Soil

Date Received 8/21/2024

 Zinc **69.7** mg/Kg 8/23/2024 14:25

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
PCB-1016	< 0.131	mg/Kg		8/23/2024 22:19
PCB-1221	< 0.131	mg/Kg		8/23/2024 22:19
PCB-1232	< 0.131	mg/Kg		8/23/2024 22:19
PCB-1242	< 0.131	mg/Kg		8/23/2024 22:19
PCB-1248	< 0.131	mg/Kg		8/23/2024 22:19
PCB-1254	<b>0.179</b>	mg/Kg		8/23/2024 22:19
PCB-1260	< 0.131	mg/Kg		8/23/2024 22:19
PCB-1262	< 0.131	mg/Kg		8/23/2024 22:19
PCB-1268	< 0.131	mg/Kg		8/23/2024 22:19

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>
Tetrachloro-m-xylene	<b>86.9</b>	16.1 - 102		8/23/2024 22:19

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/23/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
1,1-Biphenyl	< 299	ug/Kg		8/27/2024 15:56
1,2,4,5-Tetrachlorobenzene	< 299	ug/Kg		8/27/2024 15:56
1,2,4-Trichlorobenzene	< 299	ug/Kg		8/27/2024 15:56
1,2-Dichlorobenzene	< 299	ug/Kg		8/27/2024 15:56
1,3-Dichlorobenzene	< 299	ug/Kg		8/27/2024 15:56
1,4-Dichlorobenzene	< 299	ug/Kg		8/27/2024 15:56
2,2-Oxybis (1-chloropropane)	< 299	ug/Kg		8/27/2024 15:56
2,3,4,6-Tetrachlorophenol	< 299	ug/Kg		8/27/2024 15:56

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Lab Project ID: 243844

Client: Ravi Engineering & Land Surveying, P.C.

Project Reference: 631 Northland Ave

Sample Identifier: SS-10

Lab Sample ID: 243844-10

Date Sampled: 8/20/2024 12:10

Matrix: Soil

Date Received 8/21/2024

2,4,5-Trichlorophenol	< 299	ug/Kg	8/27/2024 15:56
2,4,6-Trichlorophenol	< 299	ug/Kg	8/27/2024 15:56
2,4-Dichlorophenol	< 299	ug/Kg	8/27/2024 15:56
2,4-Dimethylphenol	< 299	ug/Kg	8/27/2024 15:56
2,4-Dinitrophenol	< 1200	ug/Kg	8/27/2024 15:56
2,4-Dinitrotoluene	< 299	ug/Kg	8/27/2024 15:56
2,6-Dinitrotoluene	< 299	ug/Kg	8/27/2024 15:56
2-Chloronaphthalene	< 299	ug/Kg	8/27/2024 15:56
2-Chlorophenol	< 299	ug/Kg	8/27/2024 15:56
2-Methylnapthalene	393	ug/Kg	8/27/2024 15:56
2-Methylphenol	< 299	ug/Kg	8/27/2024 15:56
2-Nitroaniline	< 299	ug/Kg	8/27/2024 15:56
2-Nitrophenol	< 299	ug/Kg	8/27/2024 15:56
3&4-Methylphenol	< 299	ug/Kg	8/27/2024 15:56
3,3'-Dichlorobenzidine	< 299	ug/Kg	8/27/2024 15:56
3-Nitroaniline	< 299	ug/Kg	8/27/2024 15:56
4,6-Dinitro-2-methylphenol	< 599	ug/Kg	8/27/2024 15:56
4-Bromophenyl phenyl ether	< 299	ug/Kg	8/27/2024 15:56
4-Chloro-3-methylphenol	< 299	ug/Kg	8/27/2024 15:56
4-Chloroaniline	< 299	ug/Kg	8/27/2024 15:56
4-Chlorophenyl phenyl ether	< 299	ug/Kg	8/27/2024 15:56
4-Nitroaniline	< 299	ug/Kg	8/27/2024 15:56
4-Nitrophenol	< 299	ug/Kg	8/27/2024 15:56
Acenaphthene	< 299	ug/Kg	8/27/2024 15:56
Acenaphthylene	< 299	ug/Kg	8/27/2024 15:56
Acetophenone	< 299	ug/Kg	8/27/2024 15:56
Anthracene	< 299	ug/Kg	8/27/2024 15:56
Atrazine	< 299	ug/Kg	8/27/2024 15:56
Benzaldehyde	< 299	ug/Kg	8/27/2024 15:56
Benzo (a) anthracene	4120	ug/Kg	8/27/2024 15:56

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-10

**Lab Sample ID:** 243844-10

**Date Sampled:** 8/20/2024 12:10

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	<b>6590</b>	ug/Kg	8/27/2024 15:56
Benzo (b) fluoranthene	<b>6970</b>	ug/Kg	8/27/2024 15:56
Benzo (g,h,i) perylene	<b>4520</b>	ug/Kg	8/27/2024 15:56
Benzo (k) fluoranthene	<b>3650</b>	ug/Kg	8/27/2024 15:56
Bis (2-chloroethoxy) methane	< 299	ug/Kg	8/27/2024 15:56
Bis (2-chloroethyl) ether	< 299	ug/Kg	8/27/2024 15:56
Bis (2-ethylhexyl) phthalate	< 299	ug/Kg	8/27/2024 15:56
Butylbenzylphthalate	< 299	ug/Kg	8/27/2024 15:56
Caprolactam	< 299	ug/Kg	8/27/2024 15:56
Carbazole	< 299	ug/Kg	8/27/2024 15:56
Chrysene	<b>5360</b>	ug/Kg	8/27/2024 15:56
Dibenz (a,h) anthracene	<b>1570</b>	ug/Kg	8/27/2024 15:56
Dibenzofuran	< 299	ug/Kg	8/27/2024 15:56
Diethyl phthalate	< 299	ug/Kg	8/27/2024 15:56
Dimethyl phthalate	< 299	ug/Kg	8/27/2024 15:56
Di-n-butyl phthalate	< 299	ug/Kg	8/27/2024 15:56
Di-n-octylphthalate	< 299	ug/Kg	8/27/2024 15:56
Fluoranthene	<b>4620</b>	ug/Kg	8/27/2024 15:56
Fluorene	< 299	ug/Kg	8/27/2024 15:56
Hexachlorobenzene	< 299	ug/Kg	8/27/2024 15:56
Hexachlorobutadiene	< 299	ug/Kg	8/27/2024 15:56
Hexachlorocyclopentadiene	< 1200	ug/Kg	8/27/2024 15:56
Hexachloroethane	< 299	ug/Kg	8/27/2024 15:56
Indeno (1,2,3-cd) pyrene	<b>4750</b>	ug/Kg	8/27/2024 15:56
Isophorone	< 299	ug/Kg	8/27/2024 15:56
Naphthalene	<b>300</b>	ug/Kg	8/27/2024 15:56
Nitrobenzene	< 299	ug/Kg	8/27/2024 15:56
N-Nitroso-di-n-propylamine	< 299	ug/Kg	8/27/2024 15:56
N-Nitrosodiphenylamine	< 299	ug/Kg	8/27/2024 15:56
Pentachlorophenol	< 599	ug/Kg	8/27/2024 15:56

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-10

**Lab Sample ID:** 243844-10

**Date Sampled:** 8/20/2024 12:10

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	1510	ug/Kg		8/27/2024	15:56
Phenol	< 299	ug/Kg		8/27/2024	15:56
Pyrene	5550	ug/Kg		8/27/2024	15:56
<b><u>Surrogate</u></b>	<b><u>Percent Recovery</u></b>	<b><u>Limits</u></b>	<b><u>Outliers</u></b>	<b><u>Date Analyzed</u></b>	
2,4,6-Tribromophenol	66.8	34.3 - 95.6		8/27/2024	15:56
2-Fluorobiphenyl	65.6	37.9 - 87.2		8/27/2024	15:56
2-Fluorophenol	69.4	34.4 - 80.5		8/27/2024	15:56
Nitrobenzene-d5	63.3	33.2 - 82.1		8/27/2024	15:56
Phenol-d5	73.5	36.4 - 85.4		8/27/2024	15:56
Terphenyl-d14	71.6	45.9 - 96		8/27/2024	15:56

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/23/2024

**Data File:** B73436.D



Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-11

Lab Sample ID: 243844-11

Date Sampled: 8/20/2024 12:20

Matrix: Soil

Date Received 8/21/2024

**Mercury**

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	0.0683	mg/Kg		8/26/2024 16:11

Method Reference(s): EPA 7471B

Preparation Date: 8/26/2024

Data File: Hg240826B

**TAL Metals (ICP)**

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	6480	mg/Kg		8/23/2024 14:29
Antimony	< 3.18	mg/Kg		8/23/2024 14:29
Arsenic	4.71	mg/Kg		8/23/2024 14:29
Barium	44.2	mg/Kg		8/23/2024 14:29
Beryllium	< 0.265	mg/Kg		8/23/2024 14:29
Cadmium	0.466	mg/Kg		8/23/2024 14:29
Calcium	179000	mg/Kg		8/23/2024 16:16
Chromium	9.80	mg/Kg		8/23/2024 14:29
Cobalt	4.05	mg/Kg		8/23/2024 14:29
Copper	16.8	mg/Kg		8/23/2024 14:29
Iron	10000	mg/Kg		8/23/2024 14:29
Lead	45.4	mg/Kg		8/23/2024 14:29
Magnesium	10200	mg/Kg		8/23/2024 14:29
Manganese	268	mg/Kg		8/23/2024 14:29
Nickel	11.2	mg/Kg		8/23/2024 14:29
Potassium	1730	mg/Kg		8/23/2024 14:29
Selenium	< 1.06	mg/Kg		8/23/2024 14:29
Silver	< 0.530	mg/Kg		8/23/2024 14:29
Sodium	240	mg/Kg		8/23/2024 14:29
Thallium	< 1.32	mg/Kg		8/23/2024 14:29
Vanadium	13.7	mg/Kg		8/23/2024 14:29

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Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-11

Lab Sample ID: 243844-11

Date Sampled: 8/20/2024 12:20

Matrix: Soil

Date Received 8/21/2024

Zinc 100 mg/Kg 8/23/2024 14:29

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.150	mg/Kg		8/23/2024 22:42
PCB-1221	< 0.150	mg/Kg		8/23/2024 22:42
PCB-1232	< 0.150	mg/Kg		8/23/2024 22:42
PCB-1242	< 0.150	mg/Kg		8/23/2024 22:42
PCB-1248	< 0.150	mg/Kg		8/23/2024 22:42
PCB-1254	< 0.150	mg/Kg		8/23/2024 22:42
PCB-1260	< 0.150	mg/Kg		8/23/2024 22:42
PCB-1262	< 0.150	mg/Kg		8/23/2024 22:42
PCB-1268	< 0.150	mg/Kg		8/23/2024 22:42

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	80.5	16.1 - 102		8/23/2024 22:42

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/23/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 278	ug/Kg		8/27/2024 16:25
1,2,4,5-Tetrachlorobenzene	< 278	ug/Kg		8/27/2024 16:25
1,2,4-Trichlorobenzene	< 278	ug/Kg		8/27/2024 16:25
1,2-Dichlorobenzene	< 278	ug/Kg		8/27/2024 16:25
1,3-Dichlorobenzene	< 278	ug/Kg		8/27/2024 16:25
1,4-Dichlorobenzene	< 278	ug/Kg		8/27/2024 16:25
2,2-Oxybis (1-chloropropane)	< 278	ug/Kg		8/27/2024 16:25
2,3,4,6-Tetrachlorophenol	< 278	ug/Kg		8/27/2024 16:25

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-11

**Lab Sample ID:** 243844-11

**Date Sampled:** 8/20/2024 12:20

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 278	ug/Kg	8/27/2024 16:25
2,4,6-Trichlorophenol	< 278	ug/Kg	8/27/2024 16:25
2,4-Dichlorophenol	< 278	ug/Kg	8/27/2024 16:25
2,4-Dimethylphenol	< 278	ug/Kg	8/27/2024 16:25
2,4-Dinitrophenol	< 1110	ug/Kg	8/27/2024 16:25
2,4-Dinitrotoluene	< 278	ug/Kg	8/27/2024 16:25
2,6-Dinitrotoluene	< 278	ug/Kg	8/27/2024 16:25
2-Chloronaphthalene	< 278	ug/Kg	8/27/2024 16:25
2-Chlorophenol	< 278	ug/Kg	8/27/2024 16:25
2-Methylnapthalene	< 278	ug/Kg	8/27/2024 16:25
2-Methylphenol	< 278	ug/Kg	8/27/2024 16:25
2-Nitroaniline	< 278	ug/Kg	8/27/2024 16:25
2-Nitrophenol	< 278	ug/Kg	8/27/2024 16:25
3&4-Methylphenol	< 278	ug/Kg	8/27/2024 16:25
3,3'-Dichlorobenzidine	< 278	ug/Kg	8/27/2024 16:25
3-Nitroaniline	< 278	ug/Kg	8/27/2024 16:25
4,6-Dinitro-2-methylphenol	< 556	ug/Kg	8/27/2024 16:25
4-Bromophenyl phenyl ether	< 278	ug/Kg	8/27/2024 16:25
4-Chloro-3-methylphenol	< 278	ug/Kg	8/27/2024 16:25
4-Chloroaniline	< 278	ug/Kg	8/27/2024 16:25
4-Chlorophenyl phenyl ether	< 278	ug/Kg	8/27/2024 16:25
4-Nitroaniline	< 278	ug/Kg	8/27/2024 16:25
4-Nitrophenol	< 278	ug/Kg	8/27/2024 16:25
Acenaphthene	<b>290</b>	ug/Kg	8/27/2024 16:25
Acenaphthylene	< 278	ug/Kg	8/27/2024 16:25
Acetophenone	< 278	ug/Kg	8/27/2024 16:25
Anthracene	<b>641</b>	ug/Kg	8/27/2024 16:25
Atrazine	< 278	ug/Kg	8/27/2024 16:25
Benzaldehyde	< 278	ug/Kg	8/27/2024 16:25
Benzo (a) anthracene	<b>1330</b>	ug/Kg	8/27/2024 16:25

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-11

**Lab Sample ID:** 243844-11

**Date Sampled:** 8/20/2024 12:20

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	<b>1310</b>	ug/Kg	8/27/2024 16:25
Benzo (b) fluoranthene	<b>1380</b>	ug/Kg	8/27/2024 16:25
Benzo (g,h,i) perylene	<b>836</b>	ug/Kg	8/27/2024 16:25
Benzo (k) fluoranthene	<b>987</b>	ug/Kg	8/27/2024 16:25
Bis (2-chloroethoxy) methane	< 278	ug/Kg	8/27/2024 16:25
Bis (2-chloroethyl) ether	< 278	ug/Kg	8/27/2024 16:25
Bis (2-ethylhexyl) phthalate	< 278	ug/Kg	8/27/2024 16:25
Butylbenzylphthalate	< 278	ug/Kg	8/27/2024 16:25
Caprolactam	< 278	ug/Kg	8/27/2024 16:25
Carbazole	<b>418</b>	ug/Kg	8/27/2024 16:25
Chrysene	<b>1520</b>	ug/Kg	8/27/2024 16:25
Dibenz (a,h) anthracene	<b>307</b>	ug/Kg	8/27/2024 16:25
Dibenzofuran	< 278	ug/Kg	8/27/2024 16:25
Diethyl phthalate	< 278	ug/Kg	8/27/2024 16:25
Dimethyl phthalate	< 278	ug/Kg	8/27/2024 16:25
Di-n-butyl phthalate	< 278	ug/Kg	8/27/2024 16:25
Di-n-octylphthalate	< 278	ug/Kg	8/27/2024 16:25
Fluoranthene	<b>3270</b>	ug/Kg	8/27/2024 16:25
Fluorene	<b>339</b>	ug/Kg	8/27/2024 16:25
Hexachlorobenzene	< 278	ug/Kg	8/27/2024 16:25
Hexachlorobutadiene	< 278	ug/Kg	8/27/2024 16:25
Hexachlorocyclopentadiene	< 1110	ug/Kg	8/27/2024 16:25
Hexachloroethane	< 278	ug/Kg	8/27/2024 16:25
Indeno (1,2,3-cd) pyrene	<b>964</b>	ug/Kg	8/27/2024 16:25
Isophorone	< 278	ug/Kg	8/27/2024 16:25
Naphthalene	< 278	ug/Kg	8/27/2024 16:25
Nitrobenzene	< 278	ug/Kg	8/27/2024 16:25
N-Nitroso-di-n-propylamine	< 278	ug/Kg	8/27/2024 16:25
N-Nitrosodiphenylamine	< 278	ug/Kg	8/27/2024 16:25
Pentachlorophenol	< 556	ug/Kg	8/27/2024 16:25

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-11

**Lab Sample ID:** 243844-11

**Date Sampled:** 8/20/2024 12:20

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	3140	ug/Kg		8/27/2024	16:25
Phenol	< 278	ug/Kg		8/27/2024	16:25
Pyrene	2720	ug/Kg		8/27/2024	16:25
<b><u>Surrogate</u></b>	<b><u>Percent Recovery</u></b>	<b><u>Limits</u></b>	<b><u>Outliers</u></b>	<b><u>Date Analyzed</u></b>	
2,4,6-Tribromophenol	62.0	34.3 - 95.6		8/27/2024	16:25
2-Fluorobiphenyl	60.3	37.9 - 87.2		8/27/2024	16:25
2-Fluorophenol	59.0	34.4 - 80.5		8/27/2024	16:25
Nitrobenzene-d5	56.4	33.2 - 82.1		8/27/2024	16:25
Phenol-d5	62.6	36.4 - 85.4		8/27/2024	16:25
Terphenyl-d14	67.8	45.9 - 96		8/27/2024	16:25

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/23/2024

**Data File:** B73437.D



Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-12

Lab Sample ID: 243844-12

Date Sampled: 8/20/2024 12:25

Matrix: Soil

Date Received 8/21/2024

**Mercury**

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	0.0279	mg/Kg		8/26/2024 16:14
Method Reference(s): EPA 7471B				
Preparation Date: 8/26/2024				
Data File: Hg240826B				

**TAL Metals (ICP)**

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	5180	mg/Kg		8/23/2024 14:32
Antimony	< 3.19	mg/Kg		8/23/2024 14:32
Arsenic	6.32	mg/Kg		8/23/2024 14:32
Barium	48.8	mg/Kg		8/23/2024 14:32
Beryllium	0.421	mg/Kg		8/23/2024 14:32
Cadmium	0.335	mg/Kg		8/23/2024 14:32
Calcium	169000	mg/Kg		8/23/2024 16:19
Chromium	9.48	mg/Kg		8/23/2024 14:32
Cobalt	< 2.66	mg/Kg		8/23/2024 14:32
Copper	16.3	mg/Kg		8/23/2024 14:32
Iron	6170	mg/Kg		8/23/2024 14:32
Lead	34.7	mg/Kg		8/23/2024 14:32
Magnesium	8340	mg/Kg		8/23/2024 14:32
Manganese	651	mg/Kg		8/23/2024 16:19
Nickel	7.42	mg/Kg		8/23/2024 14:32
Potassium	909	mg/Kg		8/23/2024 14:32
Selenium	< 1.06	mg/Kg		8/23/2024 14:32
Silver	< 0.532	mg/Kg		8/23/2024 14:32
Sodium	270	mg/Kg		8/23/2024 14:32
Thallium	< 1.33	mg/Kg		8/23/2024 14:32
Vanadium	6.94	mg/Kg		8/23/2024 14:32

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Lab Project ID: 243844

 Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-12

Lab Sample ID: 243844-12

Date Sampled: 8/20/2024 12:25

Matrix: Soil

Date Received 8/21/2024

 Zinc **37.8** mg/Kg 8/23/2024 14:32

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
PCB-1016	< 0.164	mg/Kg		8/23/2024 23:05
PCB-1221	< 0.164	mg/Kg		8/23/2024 23:05
PCB-1232	< 0.164	mg/Kg		8/23/2024 23:05
PCB-1242	< 0.164	mg/Kg		8/23/2024 23:05
PCB-1248	< 0.164	mg/Kg		8/23/2024 23:05
PCB-1254	<b>0.186</b>	mg/Kg		8/23/2024 23:05
PCB-1260	< 0.164	mg/Kg		8/23/2024 23:05
PCB-1262	< 0.164	mg/Kg		8/23/2024 23:05
PCB-1268	< 0.164	mg/Kg		8/23/2024 23:05

<b>Surrogate</b>	<b>Percent Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Date Analyzed</b>
Tetrachloro-m-xylene	<b>87.5</b>	16.1 - 102		8/23/2024 23:05

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/23/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

<b>Analyte</b>	<b>Result</b>	<b>Units</b>	<b>Qualifier</b>	<b>Date Analyzed</b>
1,1-Biphenyl	< 304	ug/Kg		8/27/2024 16:54
1,2,4,5-Tetrachlorobenzene	< 304	ug/Kg		8/27/2024 16:54
1,2,4-Trichlorobenzene	< 304	ug/Kg		8/27/2024 16:54
1,2-Dichlorobenzene	< 304	ug/Kg		8/27/2024 16:54
1,3-Dichlorobenzene	< 304	ug/Kg		8/27/2024 16:54
1,4-Dichlorobenzene	< 304	ug/Kg		8/27/2024 16:54
2,2-Oxybis (1-chloropropane)	< 304	ug/Kg		8/27/2024 16:54
2,3,4,6-Tetrachlorophenol	< 304	ug/Kg		8/27/2024 16:54

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-12

**Lab Sample ID:** 243844-12

**Date Sampled:** 8/20/2024 12:25

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 304	ug/Kg	8/27/2024 16:54
2,4,6-Trichlorophenol	< 304	ug/Kg	8/27/2024 16:54
2,4-Dichlorophenol	< 304	ug/Kg	8/27/2024 16:54
2,4-Dimethylphenol	< 304	ug/Kg	8/27/2024 16:54
2,4-Dinitrophenol	< 1220	ug/Kg	8/27/2024 16:54
2,4-Dinitrotoluene	< 304	ug/Kg	8/27/2024 16:54
2,6-Dinitrotoluene	< 304	ug/Kg	8/27/2024 16:54
2-Chloronaphthalene	< 304	ug/Kg	8/27/2024 16:54
2-Chlorophenol	< 304	ug/Kg	8/27/2024 16:54
2-Methylnapthalene	< 304	ug/Kg	8/27/2024 16:54
2-Methylphenol	< 304	ug/Kg	8/27/2024 16:54
2-Nitroaniline	< 304	ug/Kg	8/27/2024 16:54
2-Nitrophenol	< 304	ug/Kg	8/27/2024 16:54
3&4-Methylphenol	< 304	ug/Kg	8/27/2024 16:54
3,3'-Dichlorobenzidine	< 304	ug/Kg	8/27/2024 16:54
3-Nitroaniline	< 304	ug/Kg	8/27/2024 16:54
4,6-Dinitro-2-methylphenol	< 609	ug/Kg	8/27/2024 16:54
4-Bromophenyl phenyl ether	< 304	ug/Kg	8/27/2024 16:54
4-Chloro-3-methylphenol	< 304	ug/Kg	8/27/2024 16:54
4-Chloroaniline	< 304	ug/Kg	8/27/2024 16:54
4-Chlorophenyl phenyl ether	< 304	ug/Kg	8/27/2024 16:54
4-Nitroaniline	< 304	ug/Kg	8/27/2024 16:54
4-Nitrophenol	< 304	ug/Kg	8/27/2024 16:54
Acenaphthene	< 304	ug/Kg	8/27/2024 16:54
Acenaphthylene	< 304	ug/Kg	8/27/2024 16:54
Acetophenone	< 304	ug/Kg	8/27/2024 16:54
Anthracene	< 304	ug/Kg	8/27/2024 16:54
Atrazine	< 304	ug/Kg	8/27/2024 16:54
Benzaldehyde	< 304	ug/Kg	8/27/2024 16:54
Benzo (a) anthracene	<b>447</b>	ug/Kg	8/27/2024 16:54

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-12

**Lab Sample ID:** 243844-12

**Date Sampled:** 8/20/2024 12:25

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	717	ug/Kg	8/27/2024 16:54
Benzo (b) fluoranthene	597	ug/Kg	8/27/2024 16:54
Benzo (g,h,i) perylene	484	ug/Kg	8/27/2024 16:54
Benzo (k) fluoranthene	553	ug/Kg	8/27/2024 16:54
Bis (2-chloroethoxy) methane	< 304	ug/Kg	8/27/2024 16:54
Bis (2-chloroethyl) ether	< 304	ug/Kg	8/27/2024 16:54
Bis (2-ethylhexyl) phthalate	< 304	ug/Kg	8/27/2024 16:54
Butylbenzylphthalate	< 304	ug/Kg	8/27/2024 16:54
Caprolactam	< 304	ug/Kg	8/27/2024 16:54
Carbazole	< 304	ug/Kg	8/27/2024 16:54
Chrysene	554	ug/Kg	8/27/2024 16:54
Dibenz (a,h) anthracene	< 304	ug/Kg	8/27/2024 16:54
Dibenzofuran	< 304	ug/Kg	8/27/2024 16:54
Diethyl phthalate	< 304	ug/Kg	8/27/2024 16:54
Dimethyl phthalate	< 304	ug/Kg	8/27/2024 16:54
Di-n-butyl phthalate	< 304	ug/Kg	8/27/2024 16:54
Di-n-octylphthalate	< 304	ug/Kg	8/27/2024 16:54
Fluoranthene	580	ug/Kg	8/27/2024 16:54
Fluorene	< 304	ug/Kg	8/27/2024 16:54
Hexachlorobenzene	< 304	ug/Kg	8/27/2024 16:54
Hexachlorobutadiene	< 304	ug/Kg	8/27/2024 16:54
Hexachlorocyclopentadiene	< 1220	ug/Kg	8/27/2024 16:54
Hexachloroethane	< 304	ug/Kg	8/27/2024 16:54
Indeno (1,2,3-cd) pyrene	504	ug/Kg	8/27/2024 16:54
Isophorone	< 304	ug/Kg	8/27/2024 16:54
Naphthalene	< 304	ug/Kg	8/27/2024 16:54
Nitrobenzene	< 304	ug/Kg	8/27/2024 16:54
N-Nitroso-di-n-propylamine	< 304	ug/Kg	8/27/2024 16:54
N-Nitrosodiphenylamine	< 304	ug/Kg	8/27/2024 16:54
Pentachlorophenol	< 609	ug/Kg	8/27/2024 16:54

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-12

**Lab Sample ID:** 243844-12

**Date Sampled:** 8/20/2024 12:25

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	< 304	ug/Kg	8/27/2024 16:54
Phenol	< 304	ug/Kg	8/27/2024 16:54
Pyrene	606	ug/Kg	8/27/2024 16:54

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
2,4,6-Tribromophenol	68.1	34.3 - 95.6		8/27/2024 16:54
2-Fluorobiphenyl	66.5	37.9 - 87.2		8/27/2024 16:54
2-Fluorophenol	69.6	34.4 - 80.5		8/27/2024 16:54
Nitrobenzene-d5	61.0	33.2 - 82.1		8/27/2024 16:54
Phenol-d5	74.7	36.4 - 85.4		8/27/2024 16:54
Terphenyl-d14	73.5	45.9 - 96		8/27/2024 16:54

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/23/2024

**Data File:** B73438.D



Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-13

Lab Sample ID: 243844-13

Date Sampled: 8/20/2024 12:30

Matrix: Soil

Date Received 8/21/2024

**Mercury**

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	0.0206	mg/Kg		8/26/2024 16:16
Method Reference(s): EPA 7471B				
Preparation Date: 8/26/2024				
Data File: Hg240826B				

**TAL Metals (ICP)**

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	1740	mg/Kg		8/23/2024 14:35
Antimony	< 2.91	mg/Kg		8/23/2024 14:35
Arsenic	2.37	mg/Kg		8/23/2024 14:35
Barium	6.20	mg/Kg		8/23/2024 14:35
Beryllium	< 0.243	mg/Kg		8/23/2024 14:35
Cadmium	< 0.243	mg/Kg		8/23/2024 14:35
Calcium	136000	mg/Kg		8/23/2024 16:22
Chromium	5.42	mg/Kg		8/23/2024 14:35
Cobalt	< 2.43	mg/Kg		8/23/2024 14:35
Copper	7.20	mg/Kg		8/23/2024 14:35
Iron	2940	mg/Kg		8/23/2024 14:35
Lead	8.32	mg/Kg		8/23/2024 14:35
Magnesium	3620	mg/Kg		8/23/2024 14:35
Manganese	91.5	mg/Kg		8/23/2024 14:35
Nickel	7.14	mg/Kg		8/23/2024 14:35
Potassium	836	mg/Kg		8/23/2024 14:35
Selenium	< 0.971	mg/Kg		8/23/2024 14:35
Silver	< 0.485	mg/Kg		8/23/2024 14:35
Sodium	189	mg/Kg		8/23/2024 14:35
Thallium	< 1.21	mg/Kg		8/23/2024 14:35
Vanadium	6.55	mg/Kg		8/23/2024 14:35

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Lab Project ID: 243844

 Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-13

Lab Sample ID: 243844-13

Date Sampled: 8/20/2024 12:30

Matrix: Soil

Date Received 8/21/2024

Zinc 35.5 mg/Kg 8/23/2024 14:35

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.163	mg/Kg		8/24/2024 02:10
PCB-1221	< 0.163	mg/Kg		8/24/2024 02:10
PCB-1232	< 0.163	mg/Kg		8/24/2024 02:10
PCB-1242	< 0.163	mg/Kg		8/24/2024 02:10
PCB-1248	< 0.163	mg/Kg		8/24/2024 02:10
PCB-1254	< 0.163	mg/Kg		8/24/2024 02:10
PCB-1260	< 0.163	mg/Kg		8/24/2024 02:10
PCB-1262	< 0.163	mg/Kg		8/24/2024 02:10
PCB-1268	< 0.163	mg/Kg		8/24/2024 02:10

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	85.4	16.1 - 102		8/24/2024 02:10

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/23/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 284	ug/Kg		8/27/2024 17:24
1,2,4,5-Tetrachlorobenzene	< 284	ug/Kg		8/27/2024 17:24
1,2,4-Trichlorobenzene	< 284	ug/Kg		8/27/2024 17:24
1,2-Dichlorobenzene	< 284	ug/Kg		8/27/2024 17:24
1,3-Dichlorobenzene	< 284	ug/Kg		8/27/2024 17:24
1,4-Dichlorobenzene	< 284	ug/Kg		8/27/2024 17:24
2,2-Oxybis (1-chloropropane)	< 284	ug/Kg		8/27/2024 17:24
2,3,4,6-Tetrachlorophenol	< 284	ug/Kg		8/27/2024 17:24

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-13

**Lab Sample ID:** 243844-13

**Date Sampled:** 8/20/2024 12:30

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 284	ug/Kg	8/27/2024 17:24
2,4,6-Trichlorophenol	< 284	ug/Kg	8/27/2024 17:24
2,4-Dichlorophenol	< 284	ug/Kg	8/27/2024 17:24
2,4-Dimethylphenol	< 284	ug/Kg	8/27/2024 17:24
2,4-Dinitrophenol	< 1140	ug/Kg	8/27/2024 17:24
2,4-Dinitrotoluene	< 284	ug/Kg	8/27/2024 17:24
2,6-Dinitrotoluene	< 284	ug/Kg	8/27/2024 17:24
2-Chloronaphthalene	< 284	ug/Kg	8/27/2024 17:24
2-Chlorophenol	< 284	ug/Kg	8/27/2024 17:24
2-Methylnapthalene	< 284	ug/Kg	8/27/2024 17:24
2-Methylphenol	< 284	ug/Kg	8/27/2024 17:24
2-Nitroaniline	< 284	ug/Kg	8/27/2024 17:24
2-Nitrophenol	< 284	ug/Kg	8/27/2024 17:24
3&4-Methylphenol	< 284	ug/Kg	8/27/2024 17:24
3,3'-Dichlorobenzidine	< 284	ug/Kg	8/27/2024 17:24
3-Nitroaniline	< 284	ug/Kg	8/27/2024 17:24
4,6-Dinitro-2-methylphenol	< 569	ug/Kg	8/27/2024 17:24
4-Bromophenyl phenyl ether	< 284	ug/Kg	8/27/2024 17:24
4-Chloro-3-methylphenol	< 284	ug/Kg	8/27/2024 17:24
4-Chloroaniline	< 284	ug/Kg	8/27/2024 17:24
4-Chlorophenyl phenyl ether	< 284	ug/Kg	8/27/2024 17:24
4-Nitroaniline	< 284	ug/Kg	8/27/2024 17:24
4-Nitrophenol	< 284	ug/Kg	8/27/2024 17:24
Acenaphthene	< 284	ug/Kg	8/27/2024 17:24
Acenaphthylene	< 284	ug/Kg	8/27/2024 17:24
Acetophenone	< 284	ug/Kg	8/27/2024 17:24
Anthracene	< 284	ug/Kg	8/27/2024 17:24
Atrazine	< 284	ug/Kg	8/27/2024 17:24
Benzaldehyde	< 284	ug/Kg	8/27/2024 17:24
Benzo (a) anthracene	< 284	ug/Kg	8/27/2024 17:24

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-13

**Lab Sample ID:** 243844-13

**Date Sampled:** 8/20/2024 12:30

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	< 284	ug/Kg	8/27/2024 17:24
Benzo (b) fluoranthene	< 284	ug/Kg	8/27/2024 17:24
Benzo (g,h,i) perylene	< 284	ug/Kg	8/27/2024 17:24
Benzo (k) fluoranthene	< 284	ug/Kg	8/27/2024 17:24
Bis (2-chloroethoxy) methane	< 284	ug/Kg	8/27/2024 17:24
Bis (2-chloroethyl) ether	< 284	ug/Kg	8/27/2024 17:24
Bis (2-ethylhexyl) phthalate	< 284	ug/Kg	8/27/2024 17:24
Butylbenzylphthalate	< 284	ug/Kg	8/27/2024 17:24
Caprolactam	< 284	ug/Kg	8/27/2024 17:24
Carbazole	< 284	ug/Kg	8/27/2024 17:24
Chrysene	< 284	ug/Kg	8/27/2024 17:24
Dibenz (a,h) anthracene	< 284	ug/Kg	8/27/2024 17:24
Dibenzofuran	< 284	ug/Kg	8/27/2024 17:24
Diethyl phthalate	< 284	ug/Kg	8/27/2024 17:24
Dimethyl phthalate	< 284	ug/Kg	8/27/2024 17:24
Di-n-butyl phthalate	< 284	ug/Kg	8/27/2024 17:24
Di-n-octylphthalate	< 284	ug/Kg	8/27/2024 17:24
Fluoranthene	< 284	ug/Kg	8/27/2024 17:24
Fluorene	< 284	ug/Kg	8/27/2024 17:24
Hexachlorobenzene	< 284	ug/Kg	8/27/2024 17:24
Hexachlorobutadiene	< 284	ug/Kg	8/27/2024 17:24
Hexachlorocyclopentadiene	< 1140	ug/Kg	8/27/2024 17:24
Hexachloroethane	< 284	ug/Kg	8/27/2024 17:24
Indeno (1,2,3-cd) pyrene	< 284	ug/Kg	8/27/2024 17:24
Isophorone	< 284	ug/Kg	8/27/2024 17:24
Naphthalene	< 284	ug/Kg	8/27/2024 17:24
Nitrobenzene	< 284	ug/Kg	8/27/2024 17:24
N-Nitroso-di-n-propylamine	< 284	ug/Kg	8/27/2024 17:24
N-Nitrosodiphenylamine	< 284	ug/Kg	8/27/2024 17:24
Pentachlorophenol	< 569	ug/Kg	8/27/2024 17:24

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-13

**Lab Sample ID:** 243844-13

**Date Sampled:** 8/20/2024 12:30

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	< 284	ug/Kg	8/27/2024 17:24
Phenol	< 284	ug/Kg	8/27/2024 17:24
Pyrene	< 284	ug/Kg	8/27/2024 17:24

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
2,4,6-Tribromophenol	77.1	34.3 - 95.6		8/27/2024 17:24
2-Fluorobiphenyl	71.4	37.9 - 87.2		8/27/2024 17:24
2-Fluorophenol	71.9	34.4 - 80.5		8/27/2024 17:24
Nitrobenzene-d5	67.3	33.2 - 82.1		8/27/2024 17:24
Phenol-d5	77.2	36.4 - 85.4		8/27/2024 17:24
Terphenyl-d14	79.0	45.9 - 96		8/27/2024 17:24

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/23/2024

**Data File:** B73439.D



Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-14

Lab Sample ID: 243844-14

Date Sampled: 8/20/2024 12:40

Matrix: Soil

Date Received 8/21/2024

**Mercury**

Analyte	Result	Units	Qualifier	Date Analyzed
Mercury	0.0165	mg/Kg		8/26/2024 16:18
Method Reference(s): EPA 7471B				
Preparation Date: 8/26/2024				
Data File: Hg240826B				

**TAL Metals (ICP)**

Analyte	Result	Units	Qualifier	Date Analyzed
Aluminum	4810	mg/Kg		8/23/2024 14:39
Antimony	< 3.01	mg/Kg		8/23/2024 14:39
Arsenic	8.62	mg/Kg		8/23/2024 14:39
Barium	21.0	mg/Kg		8/23/2024 14:39
Beryllium	< 0.251	mg/Kg		8/23/2024 14:39
Cadmium	0.281	mg/Kg		8/23/2024 14:39
Calcium	207000	mg/Kg		8/23/2024 16:25
Chromium	9.81	mg/Kg		8/23/2024 14:39
Cobalt	< 2.51	mg/Kg		8/23/2024 14:39
Copper	10.4	mg/Kg		8/23/2024 14:39
Iron	5200	mg/Kg		8/23/2024 14:39
Lead	12.0	mg/Kg		8/23/2024 14:39
Magnesium	8450	mg/Kg		8/23/2024 14:39
Manganese	96.8	mg/Kg		8/23/2024 14:39
Nickel	9.99	mg/Kg		8/23/2024 14:39
Potassium	2540	mg/Kg		8/23/2024 14:39
Selenium	< 1.00	mg/Kg		8/23/2024 14:39
Silver	< 0.502	mg/Kg		8/23/2024 14:39
Sodium	265	mg/Kg		8/23/2024 14:39
Thallium	< 1.26	mg/Kg		8/23/2024 14:39
Vanadium	12.2	mg/Kg		8/23/2024 14:39

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Lab Project ID: 243844

Client: **Ravi Engineering & Land Surveying, P.C.**

Project Reference: 631 Northland Ave

Sample Identifier: SS-14

Lab Sample ID: 243844-14

Date Sampled: 8/20/2024 12:40

Matrix: Soil

Date Received 8/21/2024

Zinc 34.7 mg/Kg 8/23/2024 14:39

Method Reference(s): EPA 6010C

EPA 3050B

Preparation Date: 8/22/2024

Data File: 240823A

**PCBs**

Analyte	Result	Units	Qualifier	Date Analyzed
PCB-1016	< 0.131	mg/Kg		8/24/2024 02:33
PCB-1221	< 0.131	mg/Kg		8/24/2024 02:33
PCB-1232	< 0.131	mg/Kg		8/24/2024 02:33
PCB-1242	< 0.131	mg/Kg		8/24/2024 02:33
PCB-1248	< 0.131	mg/Kg		8/24/2024 02:33
PCB-1254	< 0.131	mg/Kg		8/24/2024 02:33
PCB-1260	< 0.131	mg/Kg		8/24/2024 02:33
PCB-1262	< 0.131	mg/Kg		8/24/2024 02:33
PCB-1268	< 0.131	mg/Kg		8/24/2024 02:33

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
Tetrachloro-m-xylene	80.4	16.1 - 102		8/24/2024 02:33

Method Reference(s): EPA 8082A

EPA 3546

Preparation Date: 8/23/2024

**Semi-Volatile Organics (Acid/Base Neutrals)**

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	< 295	ug/Kg		8/27/2024 17:53
1,2,4,5-Tetrachlorobenzene	< 295	ug/Kg		8/27/2024 17:53
1,2,4-Trichlorobenzene	< 295	ug/Kg		8/27/2024 17:53
1,2-Dichlorobenzene	< 295	ug/Kg		8/27/2024 17:53
1,3-Dichlorobenzene	< 295	ug/Kg		8/27/2024 17:53
1,4-Dichlorobenzene	< 295	ug/Kg		8/27/2024 17:53
2,2-Oxybis (1-chloropropane)	< 295	ug/Kg		8/27/2024 17:53
2,3,4,6-Tetrachlorophenol	< 295	ug/Kg		8/27/2024 17:53

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-14

**Lab Sample ID:** 243844-14

**Date Sampled:** 8/20/2024 12:40

**Matrix:** Soil

**Date Received** 8/21/2024

2,4,5-Trichlorophenol	< 295	ug/Kg	8/27/2024 17:53
2,4,6-Trichlorophenol	< 295	ug/Kg	8/27/2024 17:53
2,4-Dichlorophenol	< 295	ug/Kg	8/27/2024 17:53
2,4-Dimethylphenol	< 295	ug/Kg	8/27/2024 17:53
2,4-Dinitrophenol	< 1180	ug/Kg	8/27/2024 17:53
2,4-Dinitrotoluene	< 295	ug/Kg	8/27/2024 17:53
2,6-Dinitrotoluene	< 295	ug/Kg	8/27/2024 17:53
2-Chloronaphthalene	< 295	ug/Kg	8/27/2024 17:53
2-Chlorophenol	< 295	ug/Kg	8/27/2024 17:53
2-Methylnapthalene	< 295	ug/Kg	8/27/2024 17:53
2-Methylphenol	< 295	ug/Kg	8/27/2024 17:53
2-Nitroaniline	< 295	ug/Kg	8/27/2024 17:53
2-Nitrophenol	< 295	ug/Kg	8/27/2024 17:53
3&4-Methylphenol	< 295	ug/Kg	8/27/2024 17:53
3,3'-Dichlorobenzidine	< 295	ug/Kg	8/27/2024 17:53
3-Nitroaniline	< 295	ug/Kg	8/27/2024 17:53
4,6-Dinitro-2-methylphenol	< 590	ug/Kg	8/27/2024 17:53
4-Bromophenyl phenyl ether	< 295	ug/Kg	8/27/2024 17:53
4-Chloro-3-methylphenol	< 295	ug/Kg	8/27/2024 17:53
4-Chloroaniline	< 295	ug/Kg	8/27/2024 17:53
4-Chlorophenyl phenyl ether	< 295	ug/Kg	8/27/2024 17:53
4-Nitroaniline	< 295	ug/Kg	8/27/2024 17:53
4-Nitrophenol	< 295	ug/Kg	8/27/2024 17:53
Acenaphthene	< 295	ug/Kg	8/27/2024 17:53
Acenaphthylene	< 295	ug/Kg	8/27/2024 17:53
Acetophenone	< 295	ug/Kg	8/27/2024 17:53
Anthracene	< 295	ug/Kg	8/27/2024 17:53
Atrazine	< 295	ug/Kg	8/27/2024 17:53
Benzaldehyde	< 295	ug/Kg	8/27/2024 17:53
Benzo (a) anthracene	<b>592</b>	ug/Kg	8/27/2024 17:53

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**Lab Project ID: 243844**
**Client:** **Ravi Engineering & Land Surveying, P.C.**
**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-14

**Lab Sample ID:** 243844-14

**Date Sampled:** 8/20/2024 12:40

**Matrix:** Soil

**Date Received** 8/21/2024

Benzo (a) pyrene	<b>1060</b>	ug/Kg	8/27/2024 17:53
Benzo (b) fluoranthene	<b>997</b>	ug/Kg	8/27/2024 17:53
Benzo (g,h,i) perylene	<b>754</b>	ug/Kg	8/27/2024 17:53
Benzo (k) fluoranthene	<b>697</b>	ug/Kg	8/27/2024 17:53
Bis (2-chloroethoxy) methane	< 295	ug/Kg	8/27/2024 17:53
Bis (2-chloroethyl) ether	< 295	ug/Kg	8/27/2024 17:53
Bis (2-ethylhexyl) phthalate	< 295	ug/Kg	8/27/2024 17:53
Butylbenzylphthalate	< 295	ug/Kg	8/27/2024 17:53
Caprolactam	< 295	ug/Kg	8/27/2024 17:53
Carbazole	< 295	ug/Kg	8/27/2024 17:53
Chrysene	<b>803</b>	ug/Kg	8/27/2024 17:53
Dibenz (a,h) anthracene	< 295	ug/Kg	8/27/2024 17:53
Dibenzofuran	< 295	ug/Kg	8/27/2024 17:53
Diethyl phthalate	< 295	ug/Kg	8/27/2024 17:53
Dimethyl phthalate	< 295	ug/Kg	8/27/2024 17:53
Di-n-butyl phthalate	< 295	ug/Kg	8/27/2024 17:53
Di-n-octylphthalate	< 295	ug/Kg	8/27/2024 17:53
Fluoranthene	<b>713</b>	ug/Kg	8/27/2024 17:53
Fluorene	< 295	ug/Kg	8/27/2024 17:53
Hexachlorobenzene	< 295	ug/Kg	8/27/2024 17:53
Hexachlorobutadiene	< 295	ug/Kg	8/27/2024 17:53
Hexachlorocyclopentadiene	< 1180	ug/Kg	8/27/2024 17:53
Hexachloroethane	< 295	ug/Kg	8/27/2024 17:53
Indeno (1,2,3-cd) pyrene	<b>767</b>	ug/Kg	8/27/2024 17:53
Isophorone	< 295	ug/Kg	8/27/2024 17:53
Naphthalene	< 295	ug/Kg	8/27/2024 17:53
Nitrobenzene	< 295	ug/Kg	8/27/2024 17:53
N-Nitroso-di-n-propylamine	< 295	ug/Kg	8/27/2024 17:53
N-Nitrosodiphenylamine	< 295	ug/Kg	8/27/2024 17:53
Pentachlorophenol	< 590	ug/Kg	8/27/2024 17:53

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Lab Project ID: 243844

**Client:** Ravi Engineering & Land Surveying, P.C.

**Project Reference:** 631 Northland Ave

**Sample Identifier:** SS-14

**Lab Sample ID:** 243844-14

**Date Sampled:** 8/20/2024 12:40

**Matrix:** Soil

**Date Received** 8/21/2024

Phenanthrene	< 295	ug/Kg	8/27/2024 17:53
Phenol	< 295	ug/Kg	8/27/2024 17:53
Pyrene	779	ug/Kg	8/27/2024 17:53

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
2,4,6-Tribromophenol	68.4	34.3 - 95.6		8/27/2024 17:53
2-Fluorobiphenyl	67.0	37.9 - 87.2		8/27/2024 17:53
2-Fluorophenol	65.5	34.4 - 80.5		8/27/2024 17:53
Nitrobenzene-d5	62.1	33.2 - 82.1		8/27/2024 17:53
Phenol-d5	70.7	36.4 - 85.4		8/27/2024 17:53
Terphenyl-d14	73.8	45.9 - 96		8/27/2024 17:53

**Method Reference(s):** EPA 8270D

EPA 3546

**Preparation Date:** 8/23/2024

**Data File:** B73440.D

### Method Blank Report

**Client:** Ravi Engineering & Land Surveying, P.C.  
**Project Reference:** 631 Northland Ave  
**Lab Project ID:** 243844  
**Matrix:** Soil

#### *Semi-Volatile Organics (Acid/Base Neutrals)*

Analyte	Result	Units	Qualifier	Date Analyzed
1,1-Biphenyl	<282	ug/Kg		8/26/2024 18:57
1,2,4,5-Tetrachlorobenzene	<282	ug/Kg		8/26/2024 18:57
1,2,4-Trichlorobenzene	<282	ug/Kg		8/26/2024 18:57
1,2-Dichlorobenzene	<282	ug/Kg		8/26/2024 18:57
1,3-Dichlorobenzene	<282	ug/Kg		8/26/2024 18:57
1,4-Dichlorobenzene	<282	ug/Kg		8/26/2024 18:57
2,2-Oxybis (1-chloropropane)	<282	ug/Kg		8/26/2024 18:57
2,3,4,6-Tetrachlorophenol	<282	ug/Kg		8/26/2024 18:57
2,4,5-Trichlorophenol	<282	ug/Kg		8/26/2024 18:57
2,4,6-Trichlorophenol	<282	ug/Kg		8/26/2024 18:57
2,4-Dichlorophenol	<282	ug/Kg		8/26/2024 18:57
2,4-Dimethylphenol	<282	ug/Kg		8/26/2024 18:57
2,4-Dinitrophenol	<1130	ug/Kg		8/26/2024 18:57
2,4-Dinitrotoluene	<282	ug/Kg		8/26/2024 18:57
2,6-Dinitrotoluene	<282	ug/Kg		8/26/2024 18:57
2-Chloronaphthalene	<282	ug/Kg		8/26/2024 18:57
2-Chlorophenol	<282	ug/Kg		8/26/2024 18:57
2-Methylnapthalene	<282	ug/Kg		8/26/2024 18:57
2-Methylphenol	<282	ug/Kg		8/26/2024 18:57
2-Nitroaniline	<282	ug/Kg		8/26/2024 18:57
2-Nitrophenol	<282	ug/Kg		8/26/2024 18:57
3&4-Methylphenol	<282	ug/Kg		8/26/2024 18:57
3,3'-Dichlorobenzidine	<282	ug/Kg		8/26/2024 18:57
3-Nitroaniline	<282	ug/Kg		8/26/2024 18:57
4,6-Dinitro-2-methylphenol	<565	ug/Kg		8/26/2024 18:57
4-Bromophenyl phenyl ether	<282	ug/Kg		8/26/2024 18:57
4-Chloro-3-methylphenol	<282	ug/Kg		8/26/2024 18:57

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

### Method Blank Report

**Client:** Ravi Engineering & Land Surveying, P.C.  
**Project Reference:** 631 Northland Ave  
**Lab Project ID:** 243844  
**Matrix:** Soil

#### *Semi-Volatile Organics (Acid/Base Neutrals)*

Analyte	Result	Units	Qualifier	Date Analyzed
4-Chloroaniline	<282	ug/Kg		8/26/2024 18:57
4-Chlorophenyl phenyl ether	<282	ug/Kg		8/26/2024 18:57
4-Nitroaniline	<282	ug/Kg		8/26/2024 18:57
4-Nitrophenol	<282	ug/Kg		8/26/2024 18:57
Acenaphthene	<282	ug/Kg		8/26/2024 18:57
Acenaphthylene	<282	ug/Kg		8/26/2024 18:57
Acetophenone	<282	ug/Kg		8/26/2024 18:57
Anthracene	<282	ug/Kg		8/26/2024 18:57
Atrazine	<282	ug/Kg		8/26/2024 18:57
Benzaldehyde	<282	ug/Kg		8/26/2024 18:57
Benzo (a) anthracene	<282	ug/Kg		8/26/2024 18:57
Benzo (a) pyrene	<282	ug/Kg		8/26/2024 18:57
Benzo (b) fluoranthene	<282	ug/Kg		8/26/2024 18:57
Benzo (g,h,i) perylene	<282	ug/Kg		8/26/2024 18:57
Benzo (k) fluoranthene	<282	ug/Kg		8/26/2024 18:57
Bis (2-chloroethoxy) methane	<282	ug/Kg		8/26/2024 18:57
Bis (2-chloroethyl) ether	<282	ug/Kg		8/26/2024 18:57
Bis (2-ethylhexyl) phthalate	<282	ug/Kg		8/26/2024 18:57
Butylbenzylphthalate	<282	ug/Kg		8/26/2024 18:57
Caprolactam	<282	ug/Kg		8/26/2024 18:57
Carbazole	<282	ug/Kg		8/26/2024 18:57
Chrysene	<282	ug/Kg		8/26/2024 18:57
Dibenz (a,h) anthracene	<282	ug/Kg		8/26/2024 18:57
Dibenzofuran	<282	ug/Kg		8/26/2024 18:57
Diethyl phthalate	<282	ug/Kg		8/26/2024 18:57
Dimethyl phthalate	<282	ug/Kg		8/26/2024 18:57
Di-n-butyl phthalate	<282	ug/Kg		8/26/2024 18:57
Di-n-octylphthalate	<282	ug/Kg		8/26/2024 18:57

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### Method Blank Report

**Client:** Ravi Engineering & Land Surveying, P.C.  
**Project Reference:** 631 Northland Ave  
**Lab Project ID:** 243844  
**Matrix:** Soil

#### *Semi-Volatile Organics (Acid/Base Neutrals)*

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	<u>Date Analyzed</u>
Fluoranthene	<282	ug/Kg		8/26/2024 18:57
Fluorene	<282	ug/Kg		8/26/2024 18:57
Hexachlorobenzene	<282	ug/Kg		8/26/2024 18:57
Hexachlorobutadiene	<282	ug/Kg		8/26/2024 18:57
Hexachlorocyclopentadiene	<1130	ug/Kg		8/26/2024 18:57
Hexachloroethane	<282	ug/Kg		8/26/2024 18:57
Indeno (1,2,3-cd) pyrene	<282	ug/Kg		8/26/2024 18:57
Isophorone	<282	ug/Kg		8/26/2024 18:57
Naphthalene	<282	ug/Kg		8/26/2024 18:57
Nitrobenzene	<282	ug/Kg		8/26/2024 18:57
N-Nitroso-di-n-propylamine	<282	ug/Kg		8/26/2024 18:57
N-Nitrosodiphenylamine	<282	ug/Kg		8/26/2024 18:57
Pentachlorophenol	<565	ug/Kg		8/26/2024 18:57
Phenanthrene	<282	ug/Kg		8/26/2024 18:57
Phenol	<282	ug/Kg		8/26/2024 18:57
Pyrene	<282	ug/Kg		8/26/2024 18:57

<u>Surrogate</u>	<u>Percent Recovery</u>	<u>Limits</u>	<u>Outliers</u>	<u>Date Analyzed</u>
2,4,6-Tribromophenol	65.5	34.3 - 95.6		8/26/2024 18:57
2-Fluorobiphenyl	61.8	37.9 - 87.2		8/26/2024 18:57
2-Fluorophenol	62.7	34.4 - 80.5		8/26/2024 18:57
Nitrobenzene-d5	59.4	33.2 - 82.1		8/26/2024 18:57
Phenol-d5	68.1	36.4 - 85.4		8/26/2024 18:57
Terphenyl-d14	75.4	45.9 - 96		8/26/2024 18:57

**Method Reference(s):** EPA 8270D  
 EPA 3546  
**Preparation Date:** 8/23/2024  
**Data File:** B73413.D  
**QC Batch ID:** QC240823ABNS  
**QC Number:** Blk 1

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

QC Report for Laboratory Control Sample

Client: Ravi Engineering & Land Surveying, P.C.  
Project Reference: 631 Northland Ave  
Lab Project ID: 243844  
Matrix: Soil

Semi-Volatile Organics (Acid/Base Neutrals)							
Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	%Rec Limits	LCS Outliers	Date Analyzed
1,2,4-Trichlorobenzene	2630	ug/Kg	1190	45.2	37.7 - 80.4		8/26/2024
1,4-Dichlorobenzene	2630	ug/Kg	1110	42.3	34.3 - 75.3		8/26/2024
2,3,4,6-Tetrachlorophenol	3950	ug/Kg	2780	70.5	44.8 - 86.1		8/26/2024
2,4,6-Trichlorophenol	3950	ug/Kg	2830	71.7	46.6 - 92.6		8/26/2024
2,4-Dichlorophenol	3950	ug/Kg	2760	69.8	45.6 - 89.4		8/26/2024
2,4-Dimethylphenol	3950	ug/Kg	1860	47.2	31.6 - 93.8		8/26/2024
2,4-Dinitrophenol	3950	ug/Kg	2460	62.4	10 - 73.8		8/26/2024
2,4-Dinitrotoluene	2630	ug/Kg	1380	52.3	41 - 91.2		8/26/2024
2-Chlorophenol	3950	ug/Kg	2660	67.5	43.6 - 84.3		8/26/2024
2-Nitrophenol	3950	ug/Kg	2780	70.4	41.3 - 85.8		8/26/2024
4,6-Dinitro-2-methylphenol	3950	ug/Kg	2620	66.3	20.9 - 88.5		8/26/2024
4-Chloro-3-methylphenol	3950	ug/Kg	2980	75.4	47.7 - 92.8		8/26/2024
4-Nitrophenol	3950	ug/Kg	3070	77.8	37.1 - 94.4		8/26/2024
Acenaphthene	2630	ug/Kg	1300	49.4	42.5 - 87.3		8/26/2024
N-Nitroso-di-n-propylamine	2630	ug/Kg	1310	49.7	39.1 - 84.2		8/26/2024
Pentachlorophenol	3950	ug/Kg	3050	77.3	36.6 - 103		8/26/2024

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*QC Report for Laboratory Control Sample*

**Client:** **Ravi Engineering & Land Surveying, P.C.**  
**Project Reference:** 631 Northland Ave  
**Lab Project ID:** 243844  
**Matrix:** Soil

***Semi-Volatile Organics (Acid/Base Neutrals)***

<b>Analyte</b>	<b>Spike</b>	<b>Spike</b>	<b>LCS</b>	<b>LCS %</b>	<b>%Rec</b>	<b>LCS</b>	<b>Date</b>
	<b>Added</b>	<b>Units</b>	<b>Result</b>	<b>Recovery</b>	<b>Limits</b>	<b>Outliers</b>	<b>Analyzed</b>
Phenol	3950	ug/Kg	2690	68.0	44.2 - 85.3		8/26/2024
Pyrene	2630	ug/Kg	1450	55.2	48 - 97		8/26/2024
<b>Method Reference(s):</b> EPA 8270D							
EPA 3546							
<b>Preparation Date:</b> 8/23/2024							
<b>Data File:</b> B73414.D							
<b>QC Number:</b> LCS 1							
<b>QC Batch ID:</b> QC240823ABNS							

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*QC Report for Matrix Spike and Matrix Spike Duplicate*

**Client:** Ravi Engineering & Land Surveying, P.C.  
**Project Reference:** 631 Northland Ave

**Lab Project ID:** 243844

**Lab Sample ID:** 243844-07  
**Sample Identifier:** SS-7  
**Matrix:** Soil

**Date Sampled:** 8/20/2024  
**Date Received:** 8/21/2024  
**Date Analyzed:** 8/27/2024

*Semi-Volatile Organics (Acid/Base Neutrals)*

Analyte	Sample Result	Units	MS Added	MS Result	MS % Recovery	MSD Added	MSD Result	MSD % Recovery	% Rec. Limits	MS Outlier	MSD Outlier	Relative % Diff.	RPD Limit	RPD Outlier
1,2,4-Trichlorobenzene	< 302	ug/Kg	3120	1920	61.5	2940	1540	52.3	37.7 - 80.4			16.1	55.2	
1,4-Dichlorobenzene	< 302	ug/Kg	3120	1740	55.8	2940	1390	47.3	34.3 - 75.3			16.5	60.9	
2,3,4,6-Tetrachlorophenol	< 302	ug/Kg	4690	2670	56.9	4410	1960	44.5	44.8 - 86.1		*	24.6	42.3	
2,4,6-Trichlorophenol	< 302	ug/Kg	4690	2980	63.6	4410	2190	49.6	46.6 - 92.6			24.7	43.6	
2,4-Dichlorophenol	< 302	ug/Kg	4690	3000	63.9	4410	2250	51.1	45.6 - 89.4			22.3	42.5	
2,4-Dimethylphenol	< 302	ug/Kg	4690	1760	37.6	4410	1240	28.1	31.6 - 93.8		*	29.0	59.4	
2,4-Dinitrophenol	< 1210	ug/Kg	4690	900	19.2	4410	659	14.9	10 - 73.8			25.1	114	
2,4-Dinitrotoluene	< 302	ug/Kg	3120	1920	61.5	2940	1360	46.3	41 - 91.2			28.1	53.6	
2-Chlorophenol	< 302	ug/Kg	4690	2870	61.3	4410	2100	47.6	43.6 - 84.3			25.2	42.8	
2-Nitrophenol	< 302	ug/Kg	4690	2740	58.5	4410	1820	41.2	41.3 - 85.8		*	34.7	44.5	
4,6-Dinitro-2-methylphenol	< 604	ug/Kg	4690	1500	32.0	4410	1010	22.9	20.9 - 88.5			33.2	92.8	
4-Chloro-3-methylphenol	< 302	ug/Kg	4690	3240	69.1	4410	2410	54.6	47.7 - 92.8			23.5	41.8	
4-Nitrophenol	< 302	ug/Kg	4690	3350	71.4	4410	2620	59.4	37.1 - 94.4			18.3	45.6	
Acenaphthene	<b>1130</b>	ug/Kg	3120	2670	49.3	2940	2050	31.5	42.5 - 87.3		*	44.1	50.3	

Any estimated values are displayed, and derived values calculated, based on numeric result only. See primary analytical report for data flags.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

### QC Report for Matrix Spike and Matrix Spike Duplicate

**Client:** Ravi Engineering & Land Surveying, P.C. **Lab Project ID:** 243844  
**Project Reference:** 631 Northland Ave

**Lab Sample ID:** 243844-07 **Date Sampled:** 8/20/2024  
**Sample Identifier:** SS-7 **Date Received:** 8/21/2024  
**Matrix:** Soil **Date Analyzed:** 8/27/2024

#### Semi-Volatile Organics (Acid/Base Neutrals)

Analyte	Sample Result	MS	MS	MS %	MSD	MSD	MSD %	% Rec.	MS	MSD	Relative % Diff.	RPD Limit	RPD Outlier
	Result	Units	Added	Result	Recovery	Added	Result	Recovery	Limits	Outlier	Outlier		
N-Nitroso-di-n-propylamine	< 302	ug/Kg	3120	2070	66.1	2940	1610	54.8	39.1 - 84.2			18.7	52.3
Pentachlorophenol	< 604	ug/Kg	4690	2280	48.7	4410	1680	38.1	36.6 - 103			24.4	63.6
Phenol	< 302	ug/Kg	4690	2990	63.9	4410	2240	50.9	44.2 - 85.3			22.7	41.7
Pyrene	10600	ug/Kg	3120	8600	-64.7	2940	6540	-139	48 - 97	*	*	72.8	48
* *													
Method Reference(s): EPA 8270D													
EPA 3546													
Preparation Date: 8/23/2024													
Data File(s): B73432.D													
B73433.D													
B73431.D													
1													
QC Batch ID: QC240823ABNS													

Any estimated values are displayed, and derived values calculated, based on numeric result only. See primary analytical report for data flags.

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## Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

*"<" = Analyzed for but not detected at or above the quantitation limit.*

*"E" = Result has been estimated, calibration limit exceeded.*

*"H" = Denotes a parameter analyzed outside of holding time.*

*"Z" = See case narrative.*

*"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.*

*"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.*

*"B" = Method blank contained trace levels of analyte. Refer to included method blank report.*

*"J" = Result estimated between the quantitation limit and half the quantitation limit.*

*"L" = Laboratory Control Sample recovery outside accepted QC limits.*

*"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.*

*"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.*

*"\*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

*"(1)" = Indicates data from primary column used for QC calculation.*

*"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.*

*"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.*

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# GENERAL TERMS AND CONDITIONS

## LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

### Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

### Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

### Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

### Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

### Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

### Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

### Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

### Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

### Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

### Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

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**PARADIGM**  
ENVIRONMENTAL SERVICES

## ENVIRONMENTAL SERVICES

[illegible]

Turnaround Time	Report Supplements	
Availability contingent upon lab approval; additional fees may apply.		
Standard 5 day	<input checked="" type="checkbox"/> None Required	<input type="checkbox"/> None Required
10 day	<input type="checkbox"/> Batch QC	<input type="checkbox"/> Basic EDD
Rush 3 day	<input type="checkbox"/> Category A	<input type="checkbox"/> NYSDEC EDD
Rush 2 day	<input type="checkbox"/> Category B	<input type="checkbox"/>
Rush 1 day	<input type="checkbox"/>	
Other	<input type="checkbox"/> Other (please indicate package needed: _____)	<input type="checkbox"/> Other EDD (please indicate EDD needed: _____)

**By signing this form, client agrees to Paradigm Terms and Conditions (reverse)**

See additional page for sample conditions.



## Chain of Custody Supplement

3 of 3

Client: Ravi Engineering

Completed by: Cedric Mue

Lab Project ID: 243844

Date: 8/21/24

### Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Transferred to method-compliant container	<input checked="" type="checkbox"/> (L-07) 93 → 93 (brown jar)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Preservation	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> metals (except Hg)
Comments	3°C iced		
Compliant Sample Quantity/Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			

**BROWNFIELD CLEANUP PROGRAM APPLICATION**  
**631 NORTHLAND AVENUE, BUFFALO, NY**

**Section V Requestor Information**

**The sole member of 631 Northland LLC is “Buffalo Urban Development Corporation”.**

**Buffalo Urban Development Corporation officers are:**

**Brandye Merriweather – President**

**Rebecca Gandour – Executive Vice President**

**Kevin Zanner – Secretary**

**Mollie Profic – Treasurer**

**Atiqah Abidi-Assistant Treasurer**

**Section V Attachment - NYSDOS LLC Entity Information**

**NEW YORK STATE DEPARTMENT OF STATE**  
**DIVISION OF CORPORATIONS, STATE RECORDS AND UNIFORM COMMERCIAL CODE**  
**FILING RECEIPT**

**ENTITY NAME :** 631 NORTHLAND LLC  
**DOCUMENT TYPE :** BIENNIAL STATEMENT  
**ENTITY TYPE :** DOMESTIC LIMITED LIABILITY COMPANY

**DOS ID :** 6005624  
**FILE DATE :** 10/29/2024  
**FILE NUMBER :** 241029000835  
**TRANSACTION NUMBER :** 202410290000887-3800431  
**EXISTENCE DATE :** 05/05/2021  
**DURATION/DISSOLUTION :** PERPETUAL  
**COUNTY :** ERIE



**SERVICE OF PROCESS ADDRESS :** 631 NORTHLAND LLC  
95 PERRY STREET, SUITE 404,  
BUFFALO, NY, 14203, USA

**ELECTRONIC SERVICE OF PROCESS**  
**EMAIL ADDRESS :**

N/A

**FILER :** MOLLIE PROFIC  
95 PERRY STREET, SUITE 403,  
BUFFALO, NY, 14203, USA

*You may verify this document online at :* <http://ecorp.dos.ny.gov>  
**AUTHENTICATION NUMBER :** 100006836513

<b>TOTAL FEES:</b>	<b>\$9.00</b>	<b>TOTAL PAYMENTS RECEIVED:</b>	<b>\$9.00</b>
<b>FILING FEE:</b>	<b>\$9.00</b>	<b>CASH:</b>	<b>\$0.00</b>
<b>CERTIFICATE OF STATUS:</b>	<b>\$0.00</b>	<b>CHECK/MONEY ORDER:</b>	<b>\$0.00</b>
<b>CERTIFIED COPY:</b>	<b>\$0.00</b>	<b>CREDIT CARD:</b>	<b>\$9.00</b>
<b>COPY REQUEST:</b>	<b>\$0.00</b>	<b>DRAWDOWN ACCOUNT:</b>	<b>\$0.00</b>
<b>EXPEDITED HANDLING:</b>	<b>\$0.00</b>	<b>REFUND DUE:</b>	<b>\$0.00</b>





# Department of State

## Division of Corporations

### Entity Information

Return to Results

Return to Search

#### Entity Details

<b>ENTITY NAME:</b> 631 NORTHLAND LLC	<b>DOS ID:</b> 6005624
<b>FOREIGN LEGAL NAME:</b>	<b>FICTITIOUS NAME:</b>
<b>ENTITY TYPE:</b> DOMESTIC LIMITED LIABILITY COMPANY	<b>DURATION DATE/LATEST DATE OF DISSOLUTION:</b>
<b>SECTIONOF LAW:</b> 203 LLC - LIMITED LIABILITY COMPANY LAW	<b>ENTITY STATUS:</b> ACTIVE
<b>DATE OF INITIAL DOS FILING:</b> 05/05/2021	<b>REASON FOR STATUS:</b>
<b>EFFECTIVE DATE INITIAL FILING:</b> 05/05/2021	<b>INACTIVE DATE:</b>
<b>FOREIGN FORMATION DATE:</b>	<b>STATEMENT STATUS:</b> CURRENT
<b>COUNTY:</b> ERIE	<b>NEXT STATEMENT DUE DATE:</b> 05/31/2025
<b>JURISDICTION:</b> NEW YORK, UNITED STATES	<b>NFP CATEGORY:</b>

- ENTITY DISPLAY
- NAME HISTORY
- FILING HISTORY
- MERGER HISTORY
- ASSUMED NAME HISTORY

#### Service of Process on the Secretary of State as Agent

The Post Office address to which the Secretary of State shall mail a copy of any process against the corporation served upon the Secretary of State by personal delivery:

**Name:** 631 NORTHLAND LLC

**Address:** 95 PERRY STREET, SUITE 404, BUFFALO, NY, UNITED STATES, 14203

Electronic Service of Process on the Secretary of State as agent: Not Permitted

#### Chief Executive Officer's Name and Address

**Name:**

**Address:**

#### Principal Executive Office Address

**Address:**

#### Registered Agent Name and Address

**Name:**

**Address:**

#### Entity Primary Location Name and Address

**Name:**

**Address:**

Is The Entity A Farm Corporation: NO

Stock Information

Share Value	Number Of Shares	Value Per Share

AgenciesApp DirectoryCountiesEventsProgramsServices

FIND YOUR POLL SITE

Election Day is Tuesday, November 5. Polls are open 6am-9pm.

**BROWNFIELD CLEANUP PROGRAM APPLICATION**  
**631 NORTHLAND AVENUE, BUFFALO, NY**

**Section VI Requestor Eligibility Information**

631 Northland LLC (the “Requestor”) is a Volunteer in accordance with 6 NYCRR §375-3.2(c)(2).

Requestor is a wholly-owned subsidiary of Buffalo Urban Development Corporation (“BUDC”). BUDC is the not-for-profit development agency of the City of Buffalo, whose public mission includes reclaiming brownfields and distressed land for future development. The 631 Northland Avenue property (the “Property”) was initially acquired by BUDC through its wholly-owned subsidiary NorDel II, LLC as part of the acquisition of nearly thirty-five acres of former industrial property in the Northland Corridor in east Buffalo. The Property was purchased in an arms-length transaction from Northland East LLC in April of 2015, which was after all industrial operations at the Property had ceased and after the contaminants had already been present on the Property. In preparation for the redevelopment of the Property and the pursuit of governmental grant funding and tax credit financing for the redevelopment project, BUDC caused the Property to be transferred from NorDel II, LLC to the Requestor. The Requestor has no relationship, corporate or otherwise, to or with any other prior owner.

The timing of BUDC’s pursuit of the remediation and redevelopment of the Property has been impacted by several factors. Most notably, BUDC undertook and completed a Brownfield Cleanup Program project (through its wholly-owned subsidiaries NorDel II, LLC and 683 Northland LLC) as part of the redevelopment of the approximately 235,000 square industrial building located on the adjacent property (683 Northland) which now houses the Northland Workforce Training Center. The complexity of that project limited the financial resources of BUDC to more quickly pursue the remediation and redevelopment of the Property. In addition, the worldwide COVID-19 pandemic caused further delay and challenges for redevelopment.

Appropriate care has been exercised with respect to 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. This demonstrated through securing the Property, specifically the building, and refraining from disturbing any soils, except as needed to conduct the environmental testing described elsewhere in this application. The site is almost completely covered in hard surfaces, preventing human and environmental exposure. There has been no continuing release since BUDC acquired ownership in April 2015 or any known threat of future release.

**BROWNFIELD CLEANUP PROGRAM APPLICATION**  
**631 NORTHLAND AVENUE, BUFFALO, NY**

**Section VIII Program Fee**

**Attachments**

- 1. Buffalo Urban Development Corporation IRS 501 (C) 3 Determination Letter**
- 2. Fee Waiver Request**

INTERNAL REVENUE SERVICE  
P. O. BOX 2508  
CINCINNATI, OH 45201

DEPARTMENT OF THE TREASURY

**AUG 05 2014**

Date:

BUFFALO URBAN DEVELOPMENT  
CORPORATION  
143 GENESEE ST  
BUFFALO, NY 14203

Employer Identification Number:  
22-2324226

DLN:

17053224303023

Contact Person:

CUSTOMER SERVICE

ID# 31954

Contact Telephone Number:

(877) 829-5500

Accounting Period Ending:

December 31

Public Charity Status:

170(b)(1)(A)(vi)

Form 990 Required:

Yes

Effective Date of Exemption:

August 8, 2013

Contribution Deductibility:

Yes

Addendum Applies:

Yes

Dear Applicant:

We are pleased to inform you that upon review of your application for tax exempt status we have determined that you are exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code. Contributions to you are deductible under section 170 of the Code. You are also qualified to receive tax deductible bequests, devises, transfers or gifts under section 2055, 2106 or 2522 of the Code. Because this letter could help resolve any questions regarding your exempt status, you should keep it in your permanent records.

Organizations exempt under section 501(c)(3) of the Code are further classified as either public charities or private foundations. We determined that you are a public charity under the Code section(s) listed in the heading of this letter.

For important information about your responsibilities as a tax-exempt organization, go to [www.irs.gov/charities](http://www.irs.gov/charities). Enter "4221-PC" in the search bar to view Publication 4221-PC, Compliance Guide for 501(c)(3) Public Charities, which describes your recordkeeping, reporting, and disclosure requirements.

Sincerely,

*Tamara Rippanda*

Director, Exempt Organizations



Letter 947

BUFFALO URBAN DEVELOPMENT

The effective date imer sectopm 501(C)(3) is August 8,2013. You were exempt uder 501(C)(4) from the period May 1978 to August 7,2013.



## **FEE WAIVER REQUEST**

The Applicant is seeking a waiver from the BCP fee application requirement based on its status as a wholly-owned subsidiary of a 501(c)(3) tax-exempt organization. The Applicant also seeks a waiver based on financial hardship.

### **Waiver on the Basis of Not-for-Profit Status**

The Applicant is a wholly-owned subsidiary of Buffalo Urban Development Corporation (“BUDC”), a not-for-profit local development corporation that is exempt from taxation under Section 501(c)(3) of the Internal Revenue Code. A copy of BUDC’s determination letter issued by the Internal Revenue Service is attached.

The Applicant is exempt from federal income tax because it is a wholly-owned subsidiary company of BUDC, which is exempt from federal taxation under Section 501(c)(3) of the Internal Revenue Code. Under applicable IRS pronouncements, the tax-exempt status of BUDC is attributed to its wholly-owned subsidiary. See Announcement 99-102; 1999-43 I.R.B. 545. There is no separate filing requirement to recognize the Applicant as tax-exempt. Its income and operations are reported as part of the tax filings of BUDC.

Based on the foregoing, we respectfully request a waiver of the BCP application fee requirement.

### **Waiver on the Basis of Financial Hardship**

Except for its ownership of the Project site, the Applicant has no assets. The Applicant has no income and its operations are paid for entirely by BUDC. All costs relating to the Project site are currently borne by BUDC, including insurance, maintenance and repairs, consulting, environmental and legal expenses. While BUDC is the City of Buffalo’s principal economic development agency, it is important to note that neither BUDC nor the Applicant receives any monetary operating subsidy or administrative support from the City of Buffalo.

The Applicant was formed to facilitate the remediation of the Project site and undertake the renovation of the existing building located on the Project site. Similar to the Brownfield Cleanup Program project successfully undertaken at the adjacent site by BUDC subsidiary 683 Northland LLC, the successful completion of this Project will require the Applicant to access multiple sources of federal and state funding, and to leverage this funding through the use of federal and state tax credits, including brownfield tax credits and historic tax credits. The tax credits model utilized for the 683 Northland project is a unique and complex structure that allows for the leveraging of tax credits by a not-for-profit corporation. BUDC and the Applicant intend to implement the same model for this Project. The cost of undertaking this type of tax credits transaction are significant when compared to a more traditional tax credits model utilized by a for-profit developer. A waiver of the BCP application fee will reduce the need for assistance from BUDC, a public not-for-profit entity, and will allow the grant funding for the Project to stretch further for purposes of the undertaking and completing this Project.

**BROWNFIELD CLEANUP PROGRAM APPLICATION**  
**631 NORTHLAND AVENUE, BUFFALO, NY**

**Section IX & X - Historical Owners/Operators**

Owner: Clearing-Niagara, Inc. (f/k/a as Niagara Machine and Tool Works)

Date of Acquisition of Property: 1923-1996

Operator: unknown

Address: unknown

Requestor's Relationship to This Previous Owner: No relationship.

Owner: CNB International, Inc.

Date of Acquisition of Property: October 21, 1996

Operator: unknown

Address: unknown

Requestor's Relationship to This Previous Owner: No relationship.

Owner: Northland West, LLC

Date of Acquisition of Property: March 29, 2006

Operator: Michael Sweeney

Address: 200 Summer Street, Buffalo, New York 14222

Requestor's Relationship to This Previous Owner: No relationship.

Previous Owner: Nordel II, LLC

Date of Acquisition of Property: April 7, 2015

Operator: NorDel II, LLC

Address and Phone Number: 95 Perry Street, Suite 404, Buffalo, New York 14203, 716-856-6525

Requestor's Relationship to This Previous Owner: Requestor and NorDel II, LLC are affiliates; both entities are wholly-owned subsidiary companies of Buffalo Urban Development Corporation, a not-for-profit local development corporation.

Current Owner: 631 Northland LLC

Date of Acquisition of Property: July 1, 2021

Operator: 631 Northland LLC

Address: 95 Perry Street, Suite 404, Buffalo, New York 14203

**Attachment: Deed (Recorded) for 631 Northland Ave**

ERIE COUNTY CLERK'S OFFICE



County Clerk's Recording Page

Return to:  
BOX 61

Party 1:  
NORDEL II LLC

Party 2:  
631 NORTHLAND LLC

**Book Type: D Book: 11382 Page: 7402**

Page Count: 4

Doc Type: DEED

Rec Date: 07/01/2021

Rec Time: 01:48:25 PM

Control #: 2021127888

UserID: Janet H

Trans #: 21108670

Document Sequence Number  
TT2020024655

**Recording Fees:**

RECORDING	\$40.00
COE CO \$1 RET	\$1.00
COE STATE \$14.25 GEN	\$14.25
COE STATE \$4.75 RM	\$4.75
RP5217 CNTY \$9	\$9.00
RP5217 ST-NON RES \$241	\$241.00
TP584	\$10.00

**Consideration Amount: 1.00**

BASIC MT	\$0.00
SONYMA MT	\$0.00
ADDL MT/NFTA	\$0.00
SP MT/M-RAIL	\$0.00
NY STATE TT	\$0.00
ROAD FUND TT	\$0.00

---

**Total: \$320.00**

STATE OF NEW YORK  
ERIE COUNTY CLERK'S OFFICE

WARNING - THIS SHEET CONSTITUTES THE CLERK'S ENDORSEMENT REQUIRED  
BY SECTION 319&316-a (5) OF THE REAL PROPERTY LAW OF THE STATE OF NEW  
YORK. DO NOT DETACH. THIS IS NOT A BILL.

Michael P. Kearns  
Erie County Clerk

Box 61

**THIS INDENTURE**, made this 21 day of June, 2021

**BETWEEN**

**NORDEL II LLC**, a limited liability company organized under the laws of New York State and having a place of business located at 95 Perry Street, Suite 404, Buffalo, New York 14203

Grantor, and

**631 NORTHLAND LLC**, a limited liability company organized under the laws of New York State and having a place of business located at 95 Perry Street, Suite 404, Buffalo, New York 14203

Grantee.

**WITNESSETH**, that the Grantor, in consideration of one and 00/100 (\$1.00) Dollar and other valuable consideration paid by the Grantee, does hereby grant and release unto the Grantee, its heirs or successors and assigns of the Grantee forever,

**ALL THAT TRACT OR PARCEL OF LAND** situate in the City of Buffalo, County of Erie, State of New York, being part of Lot 12, Township 11, Range 8 of the Holland Land Company's Survey, being further described as follows:

**BEGINNING** at a point on the south line of Northland Avenue (66' wide) distant 617.98 feet easterly of the east line of Fillmore Avenue (66' wide);

Thence continuing easterly along the southerly line of Northland Avenue 259.87 feet to a point;

Thence southerly at an interior angle of  $91^{\circ} 49' 46''$  a distance of 499.95 feet to the northerly line of lands conveyed to New York Central & Hudson River Railway "Belt Branch" by Deed recorded in the Erie County Clerk's Office in Liber 1100 of Deeds at page 280;

Thence northwesterly along the last mentioned lands and at an interior angle of  $65^{\circ} 42' 21''$  a distance of 187.40 feet;

Thence continuing northwesterly along said lands at a deflection angle to the right of  $10^{\circ} 41' 40''$  a distance of 107.16 feet to the easterly line of lands conveyed by Deed recorded in the Erie County Clerk's Office in Liber 162 of Deeds at page 290;

Thence northerly along the last-mentioned lands at an interior angle of  $125^{\circ} 09' 52''$  a distance of 369.70 feet to the south line of Northland Avenue and the point or place of beginning; containing 2.629 acres, more or less.

127888

SH Deed-3  
CTV

**TOGETHER** with an easement for 99 years from May 27, 1953 over the following described premises:

**ALL THAT TRACT OR PARCEL OF LAND** situate in the City of Buffalo, County of Erie, State of New York, being part of Lot 12, Township 11, Range 8 of the Holland Land Company's Survey, being bounded and described as follows:

**BEGINNING** at the point of intersection of the east line of Subdivision Lot No. 9,

as shown on a map filed in the Erie County Clerk's Office under Map Cover 104 with the northeasterly Right of Way line of the New York Central Railroad Company, which point of intersection is 369.70 feet southerly from the southerly line of Northland Avenue, measured along the east line of said Subdivision Lot No. 9;

Thence northwesterly along said northeasterly line of said railroad company's Right of Way 61.83 feet,

Thence southeasterly to a point in said east line of Subdivision Lot No. 9, which is 10 feet northerly from the point of beginning;

Thence southerly along said east line of Subdivision Lot No. 9 10 feet to the point or place of beginning, containing 0.006 acres, more or less.

**TO HAVE AND TO HOLD**, the above granted premises unto the said Grantee, its heirs, successors and assigns of Grantee forever.

**AND** the Grantor covenants that the Grantor has not done or suffered anything wherein the said premises have been encumbered in any way whatever, except as aforesaid.

**AND** the Grantor is in compliance with Section 13 of the Lien Law.





## FOR COUNTY USE ONLY

C1. SMS Code

C2. Date Deed Recorded

C3. Book

C4. Page

New York State Department of  
Taxation and Finance

Office of Real Property Tax Services

RP- 5217-PDF

Real Property Transfer Report (8/10)

## PROPERTY INFORMATION

1. Property Location 631 Northland  
\* STREET NUMBER \* STREET NAME  
Buffalo 14211  
\* CITY OR TOWN \* ZIP CODE

2. Buyer Name 631 Northland LLC  
\* LAST NAME/COMPANY \* FIRST NAME  
LAST NAME/COMPANY FIRST NAME

3. Tax Billing Address 631 Northland LLC  
Indicate where future Tax Bills are to be sent if other than buyer address(at bottom of form)  
95 Perry Street, Suite 404 Buffalo NY 14203  
\* STREET NUMBER AND NAME \* CITY OR TOWN \* STATE \* ZIP CODE

4. Indicate the number of Assessment Roll parcels transferred on the deed 1 # of Parcels OR ☐ Part of a Parcel (Only if Part of a Parcel) Check as they apply:  
4A. Planning Board with Subdivision Authority Exists ☐  
4B. Subdivision Approval was Required for Transfer ☐  
4C. Parcel Approved for Subdivision with Map Provided ☐

5. Deed Property Size \* FRONT FEET X \* DEPTH OR 2.63 \* ACRES  
NorDel II LLC  
\* LAST NAME/COMPANY \* FIRST NAME  
LAST NAME/COMPANY FIRST NAME

\*7. Select the description which most accurately describes the use of the property at the time of sale:  
F. Commercial

Check the boxes below as they apply:  
8. Ownership Type is Condominium ☐  
9. New Construction on a Vacant Land ☐  
10A. Property Located within an Agricultural District ☐  
10B. Buyer received a disclosure notice indicating that the property is in an Agricultural District ☐

## SALE INFORMATION

11. Sale Contract Date NA

\* 12. Date of Sale/Transfer

\*13. Full Sale Price 1.00  
(Full Sale Price is the total amount paid for the property including personal property. This payment may be in the form of cash, other property or goods, or the assumption of mortgages or other obligations.) Please round to the nearest whole dollar amount.

14. Indicate the value of personal property included in the sale 0.00

15. Check one or more of these conditions as applicable to transfer:  
☒ A. Sale Between Relatives or Former Relatives  
☐ B. Sale between Related Companies or Partners in Business.  
☐ C. One of the Buyers is also a Seller  
☒ D. Buyer or Seller is Government Agency or Lending Institution  
☐ E. Deed Type not Warranty or Bargain and Sale (Specify Below)  
☐ F. Sale of Fractional or Less than Fee Interest (Specify Below)  
☐ G. Significant Change in Property Between Taxable Status and Sale Dates  
☐ H. Sale of Business is Included in Sale Price  
☐ I. Other Unusual Factors Affecting Sale Price (Specify Below)  
☐ J. None  
Comment(s) on Condition: Bargain and Sale Deed

## ASSESSMENT INFORMATION - Data should reflect the latest Final Assessment Roll and Tax Bill

16. Year of Assessment Roll from which Information taken(YY) 20 \*17. Total Assessed Value 138,000  
\*18. Property Class 710 \*19. School District Name City of Buffalo  
\*20. Tax Map Identifier(s)/Roll Identifier(s) (if more than four, attach sheet with additional identifier(s))  
101.210-5-1.210

## CERTIFICATION

I certify that all of the items of information entered on this form are true and correct (to the best of my knowledge and belief) and I understand that the making of any willful false statement of material fact herein subject me to the provisions of the penal law relative to the making and filing of false instruments.

## SELLER SIGNATURE

Brandy Minicelli 6/21/2021  
SELLER SIGNATURE DATE

## BUYER SIGNATURE

Brandy Minicelli 6/21/2021  
BUYER SIGNATURE DATE

## BUYER CONTACT INFORMATION

(Enter information for the buyer. Note: If buyer is LLC, society, association, corporation, joint stock company, estate or entity that is not an individual agent or fiduciary, then a name and contact information of an individual responsible party who can answer questions regarding the transfer must be entered. Type or print clearly.)

683 Northland LLC  
\* LAST NAME \* FIRST NAME  
\* AREA CODE \* TELEPHONE NUMBER (EX: 909999)  
95 Perry Street, Suite 404  
\* STREET NUMBER \* STREET NAME  
Buffalo NY 14203  
\* CITY OR TOWN \* STATE \* ZIP CODE

BUYER'S ATTORNEY  
Zanner Kevin  
\* LAST NAME \* FIRST NAME  
(716) 849-8900  
\* AREA CODE \* TELEPHONE NUMBER (EX: 909999)

**BROWNFIELD CLEANUP PROGRAM APPLICATION**  
**631 NORTHLAND AVENUE, BUFFALO, NY**

**Section XI: Brownfield Cleanup Program Site Contact List**

Site Owner

631 Northland Avenue  
95 Perry Street, Suite 404  
Buffalo NY 14203

Government

City of Buffalo Mayor  
Christopher P. Scanlon  
65 Niagara Street, Room 201  
Buffalo, NY 14202

Erie County Executive  
Mark Poloncarz  
95 Franklin Street, 10<sup>th</sup> Floor  
Buffalo, NY 14202

City of Buffalo Office of Strategic Planning  
Brendan Mehaffy  
920 Niagara Square  
Buffalo, NY 14202

Erie County Commissioner of Environment  
and Planning  
Daniel R. Castle  
95 Franklin Street, 10<sup>th</sup> Floor  
Buffalo, NY 14202

Adjacent Residents/Owners/Operators

597 Northland Ave  
Egrui, Inc. (Owner/Operator)  
16 Linwood Terrace  
Buffalo, NY 14209

Buffalo NY 14203

606 (612) Northland Ave  
Nordel I LLC (Owner)  
Buffalo, NY 14203

665 & 683 Northland Ave  
683 Northland LLC (Owner)  
95 Perry Street  
Buffalo NY 14203

640 Northland Ave  
Nordel I LLC (Owner)  
95 Perry Street  
Buffalo NY 14203

Workforce Training Center (Operator)  
683 Northland Ave  
Buffalo, NY 14203

644 Northland Ave  
Nordel I LLC (Owner)  
95 Perry Street

Railroad Corridor  
New York State Department of  
Transportation  
100 Seneca Street  
Buffalo, New York 14203

**BROWNFIELD CLEANUP PROGRAM APPLICATION**  
**631 NORTHLAND AVENUE, BUFFALO, NY**

Local Media

Buffalo News  
I News Plaza  
Buffalo, NY 14240

WIVB TV  
2077 Elmwood Avenue  
Buffalo, NY 14207

WGRZ TV  
259 Delaware Avenue  
Buffalo, NY 14202

WKBW TV  
7 Broadcast Plaza  
Buffalo, NY 14202

**Section XI Attachment:**

**Letter of Acknowledgement from Buffalo and Erie County Public Library - Central Branch  
indicating agreement to act as the document repository for the Site**

## Lynn Zicari

---

**From:** April Tompkins <tompkinsa@buffalolib.org>  
**Sent:** Tuesday, October 15, 2024 4:15 PM  
**To:** Lynn Zicari  
**Subject:** RE: NYSDEC Document Repository Request

Good afternoon Lynn,

Our AskUs Department forwarded your email to me.

Per your request, this is to inform you that the Buffalo and Erie County Public Library will be the repository for all documents (and updates) submitted by your company for your Brownfield Cleanup Program project. These documents will be made available for public viewing at the **Central (downtown) Library** and/or any of the other 36 libraries of your choice within our System. Please refer to our procedure below.

We prefer that you do not take and/or send documents to individual libraries. We will process according to our procedure and distribute to the location(s) of your choice. **Be sure to include a cover letter.** **If you would like a confirmation that your documents were received, you will need to include the request in your cover letter and provide an email address.**

Please keep the following in mind:

- Documents (including updates) for public viewing should be either brought in person (to my attention) to the Central Library's administrative reception desk located on the second floor or sent via mail/delivery carrier. Documents sent via e-mail will not be accepted. The mailing address is:

**Attention: April Tompkins**  
**Re: Repository Documents**  
**Buffalo and Erie County Public Library**  
**1 Lafayette Square**  
**Buffalo, NY 14203**

- Documents are made available usually within three business days after receipt, excluding weekends and holidays. After processing, documents for the Central/Downtown library are located on the first floor in the Information Services Department.
- If you would like the documents distributed at **libraries other than Central**, you will need to send or give us the appropriate quantity of copies with labels or a list regarding their destination(s). We will distribution accordingly. We do not make copies for distribution.
- Documents that cannot be stapled, should be kept together in some type of binder. Please do not send 'loose' papers, especially if including a cd or flash drive.
- You have the choice regarding the format (hard copy print and/or disk or flash drive) you wish to submit. If submitting in more than one format (ex: print and disk), please be sure that they are titled/labeled accordingly. **If cd's or flash drives are included, please secure to the corresponding printed document(s) to prevent it from getting lost or separated.** **If submitting in cd and/or flash drive format only (with no printed documentation), it will need to be in some type of enclosed**

pocket/envelope (clear, if possible) to prevent it from being misplaced or lost. Although CD-ROMs are not accessible on public library computers, patrons may bring in their personal laptop or external optical drive to view the disk in-house. Public computers do have USB ports for flash drives. If optional, an alternative is the availability to go online using a provided link for patrons to read/print. Patrons are not allowed to take original repository documents out of the Library.

Please feel free to contact me by replying to this e-mail or by phone at 716-858-7129 if you still have any questions.

Regards,  
April

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