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Brownfield Cleanup Program Application
East Adams Redevelopment – Phase Three Area
Syracuse, New York

Brownfield Cleanup Program Application

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SUBMITTAL INSTRUCTIONS:

1. Compile the application package in the following manner:
 - a. one file in non-fillable PDF which includes a Table of Contents, the application form, and 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. *OPTIONAL: Compress all files (PDFs) into one zipped/compressed folder
3. Submit the application to the Site Control Section either via NYSDEC dropbox or ground mail, as described below.

Please select only ONE submittal method – do NOT submit both via dropbox and ground mail.

a. VIA SITE CONTROL DROPBOX:

- [Request an invitation](#) to upload files to the Site Control submittal dropbox.
- In the “Title” field, please include the following: “New BCP Application - *Proposed Site Name*”.
- After uploading files, an automated email will be sent to the submitter’s email address with a link to verify the status of the submission. Please do not send a separate email to confirm receipt.
- Application packages submitted through third-party file transfer services will not be accepted.

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, 12th Floor
Albany, NY 12233-7020

SITE NAME: East Adams Redevelopment - Phase Three Area

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: C734169

☒

Yes

☐

No



BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION FORM

BCP App Rev 16.1 – March 2025

SECTION I: Property Information				Included in Attachment A		
PROPOSED SITE NAME East Adams Redevelopment - Phase Three Area						
ADDRESS/LOCATION 200 Chavez Terrace						
CITY/TOWN Syracuse				ZIP CODE 13202		
MUNICIPALITY (LIST ALL IF MORE THAN ONE) Syracuse						
COUNTY Onondaga				SITE SIZE (ACRES) 3.1		
LATITUDE			LONGITUDE			
43	02	27.4	-76	08	48.7	
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
200 Chavez Terrace			095	08	p/o 01.0	3.1
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.						☐ Y ☒ N
2. Is the required property map, provided in electronic format, included with the application? (Application will not be processed without a map)						☒ Y ☐ N
3. Is the property within a designated Environmental Zone (En-zone) pursuant to Tax Law 21(b)(6)? (See DEC's website for more information) If yes, identify census tract: <u>42</u> Percentage of property in En-zone (check one): ☐ 0% ☐ 1-49% ☐ 50-99% ☒ 100%						☒ Y ☐ N
4. Is the project located within a disadvantaged community? See application instructions for additional information.						☒ Y ☐ N
5. Is the project located within a NYS Department of State (NYS DOS) Brownfield Opportunity Area (BOA)? See application instructions for additional information.						☐ Y ☒ 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:						☐ Y ☒ N

SECTION I: Property Information (continued)		Included in Attachment A	Y	N
7. Is the contamination from groundwater or soil vapor solely emanating from property other than the site subject to the present application?			☐	☒
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.			☐	☒
9. Are there any lands under water? If yes, these lands should be clearly delineated on the site map.			☐	☒
10. Has the property been the subject of or included in a previous BCP application? If yes, please provide the DEC site number: _____			☐	☒
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: _____			☐	☒
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. <u>Easement/Right-of-Way Holder</u> <u>Description</u>			☐	☒
13. List of permits issued by the DEC or USEPA relating to the proposed site (describe below or attach appropriate information): <u>Type</u> <u>Issuing Agency</u> <u>Description</u>			☐	☒
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?			☒	☐
Note: Questions 15 through 17 below pertain ONLY to proposed sites located within the five counties comprising New York City.				
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.			Y	N
			☐	☐
16. Is the Requestor now, or will the Requestor in the future, seek a determination that the property is Upside Down?			☐	☐
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?			☐	☐
NOTE: 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.				
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.				
Initials of each Requestor: _____ _____ _____ _____ _____ _____				

SECTION II: Project Description	Included in Attachment B
1. The project will be starting at: ☒ Investigation ☐ Remediation	
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	
Beginning January 1, 2024, all work plans and reports submitted for the BCP shall address Green and Sustainable Remediation (GSR) and DER-31 (see DER-31, Green Remediation). Work plans, reports and design documents will need to be certified in accordance with DER-31.	
5. Please provide a description of how Green and Sustainable Remediation will be evaluated and incorporated throughout the remedial phases of the project including Remedial Investigation, Remedial Design/Remedial Action, and Site Management and reporting efforts. Is this information attached? ☒ Yes ☐ No	
6. If the project is proposed to start at the remediation stage (Section 2, Item 1, above), a climate change screening or vulnerability assessment must have been completed. Is this attached? ☐ Yes ☒ No N/A	

SECTION III: Ecological Concerns	Included in Attachment C				
1. Are there fish, wildlife, or ecological resources within a ½-mile radius of the site?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Y</th> <th style="width: 50%; padding: 5px;">N</th> </tr> <tr> <td style="text-align: center;">☒</td> <td style="text-align: center;">☐</td> </tr> </table>	Y	N	☒	☐
Y	N				
☒	☐				
2. Is there a potential path for contamination to potentially impact fish, wildlife or ecological resources?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Y</th> <th style="width: 50%; padding: 5px;">N</th> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☒</td> </tr> </table>	Y	N	☐	☒
Y	N				
☐	☒				
3. Is/are there a/any Contaminant(s) of Ecological Concern?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Y</th> <th style="width: 50%; padding: 5px;">N</th> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☒</td> </tr> </table>	Y	N	☐	☒
Y	N				
☐	☒				
If any of the conditions above exist, a Fish and Wildlife Resources Impact Analysis (FWRIA) Part I, as outlined in DER-10 Section 3.10.1, is required. The applicant may submit the FWRIA with the application or as part of the Remedial Investigation Report.					
4. Is a Fish and Wildlife Resources Impact Analysis Part I included with this application? N/A ☐	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%; padding: 5px;">Y</th> <th style="width: 50%; padding: 5px;">N</th> </tr> <tr> <td style="text-align: center;">☐</td> <td style="text-align: center;">☒</td> </tr> </table>	Y	N	☐	☒
Y	N				
☐	☒				

SECTION IV: Land Use Factors		Included in Attachment D	
1. What is the property's current municipal zoning designation? <u>MX-2: Neighborhood Center District</u>			
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 V: Current and Historical Property Owner and Operator Information			Included in Attachment E
CURRENT OWNER Syracuse Housing Authority			
CONTACT NAME William J. Simmons			
ADDRESS 516 Burt Street			
CITY Syracuse		STATE New York	ZIP CODE 13202
PHONE (315) 470-4216		EMAIL wsimmons@syrhousing.org	
OWNERSHIP START DATE 10/27/1986			
CURRENT OPERATOR Syracuse Housing Authority			
CONTACT NAME Same as Current Owner			
ADDRESS			
CITY		STATE	ZIP CODE
PHONE		EMAIL	
OPERATION START DATE			

SECTION VI: Property's Environmental History

Included in Attachment F

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 (***please submit information requested in this section in electronic format ONLY***):

1. **Reports:** an example of an Investigation Report is a Phase II Environmental Site Assessment report prepared in accordance with the latest American Society for Testing and Materials standard ([ASTM E1903](#)). **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	☒	☐	☒
Chlorinated Solvents	☐	☐	☒
Other VOCs	☐	☐	☐
SVOCs	☒	☐	☐
Metals	☒	☒	☐
Pesticides	☐	☐	☐
PCBs	☐	☐	☐
PFAS	☐	☐	☐
1,4-dioxane	☐	☐	☐
Other – indicated below	☐	☐	☐

*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):

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

Other: Drilling company with a machine shop, polish shop, milling facility, coal bins, iron storage, oil shed, and petroleum bulk storage, a brick and glass forge shop, used car sales lot, artificial flower and decorations manufacturer, auto yard, and a junk house.

SECTION VII: Requestor Information		Included in Attachment G					
NAME East Adams Phase III, L.P.							
ADDRESS 100 North Broadway, Ste. 100							
CITY/TOWN St Louis		STATE MO	ZIP CODE 63102				
PHONE (314) 335-2926	EMAIL Allyson.Carpenter@McCormackBaron.com						
1. Is the requestor authorized to conduct business in New York State (NYS)?			<table border="1"> <tr> <th>Y</th> <th>N</th> </tr> <tr> <td>☒</td> <td>☐</td> </tr> </table>	Y	N	☒	☐
Y	N						
☒	☐						
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 NYS Department of State's Corporation & Business Entity Database . 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?			<table border="1"> <tr> <td>☒</td> <td>☐</td> </tr> </table>	☒	☐		
☒	☐						
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			<table border="1"> <tr> <td>☒</td> <td>☐</td> </tr> </table>	☒	☐		
☒	☐						
4. Individuals that will be certifying BCP documents, as well as their employers, must meet the requirements of Section 1.5 of DER-10: Technical Guidance for Site Investigation and Remediation and Article 145 of New York State Education Law. Do all individuals that will be certifying documents meet these requirements? Documents that are not properly certified will not be approved under the BCP.			<table border="1"> <tr> <td>☒</td> <td>☐</td> </tr> </table>	☒	☐		
☒	☐						

SECTION VIII: Requestor Contact Information		
REQUESTOR'S REPRESENTATIVE Allyson Carpenter		
ADDRESS 100 North Broadway, Ste. 100		
CITY St. Louis	STATE MO	ZIP CODE 63102
PHONE (314) 335-2926	EMAIL Allyson.Carpenter@McCormackBaron.com	
REQUESTOR'S CONSULTANT (CONTACT NAME) Brian Gochenaur		
COMPANY Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.		
ADDRESS 368 Ninth Avenue, 8th Floor		
CITY New York	STATE NY	ZIP CODE 10001
PHONE (212) 479-5444	EMAIL bgochenaur@langan.com	
REQUESTOR'S ATTORNEY (CONTACT NAME) Thomas F. Walsh		
COMPANY Barclay Damon, LLP		
ADDRESS 2000 Five Star Bank Plaza, 100 Chestnut Street		
CITY Rochester	STATE NY	ZIP CODE 14604
PHONE 585-455-1474	EMAIL TWalsh@barclaydamon.com	

SECTION IX: 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 with supporting documentation.

	Y	N
1. Is the requestor applying for a fee waiver?	☐	☒
2. If yes, appropriate documentation must be provided with the application. See application instructions for additional information.		
Is the appropriate documentation included with this application? N/A	☒	☐

SECTION X: Requestor Eligibility

Included in Attachment H

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?	☐	☒
2. Is the requestor subject to an existing order for the investigation, removal or remediation of contamination at the site?	☐	☒
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.	☐	☒
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?	☐	☒
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.	☐	☒
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?	☐	☒
7. Has the requestor been convicted of a criminal offence (i) involving the handling, storing, treating, disposing or transporting of 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?	☐	☒
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?	☐	☒
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?	☐	☒
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?	☐	☒
11. Are there any unregistered bulk storage tanks on-site which require registration?	☐	☒

SECTION X: Requestor Eligibility (continued)

Included in Attachment H

12. The requestor must certify that he/she/they is/are either a participant or volunteer in accordance with ECL 27-1405(1) by checking one of the boxes below:

PARTICIPANT

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

☐**VOLUNTEER**

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

☒

NOTE: By 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.

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.

13. If the requestor is a volunteer, is a statement describing why the requestor should be considered a volunteer attached?

☒ Yes☐ No☐ N/A

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

☐ Previous Owner ☐ Current Owner ☐ Potential/Future Purchaser ☒ Other: Developer

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 XI: 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.	☐	☒
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: _____	☐	☒
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: _____	☐	☒
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. N/A ☒	☐	☐
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: _____	☐	☒
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.	☐	☒

SECTION XII: Site Contact List

Included in Attachment I

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.
- For sites located in the five counties comprising New York City, the Director of the Mayor's Office of Environmental Remediation.

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)

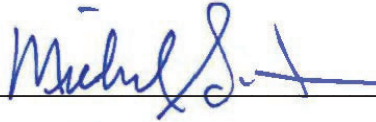
Vice President of East Adams Phase 3

GP, Inc., the General Partner

East Adams Phase III, L.P.

I hereby affirm that I am _____ (title) of _____ (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: 09/09/2025

Signature:  _____

Print Name: Michael Saunders

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.

BCP App Rev 16.1

Please respond to the questions below and provide additional information and/or documentation as required. Please refer to the application instructions.

Y

N

1. Is the property located in Bronx, Kings, New York, Queens or Richmond County?

☐☐

2. Is the requestor seeking a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit?

☐☐

3. Is at least 50% of the site area located within an environmental zone pursuant to NYS Tax Law 21(b)(6)?

☐☐

4. Is the property upside down or underutilized as defined below?

Upside down

☐☐

Underutilized

☐☐

From ECL 27-1405(31):

“Upside down” shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.

From 6 NYCRR 375-3.2(I) as of August 12, 2016 (Please note: Eligibility determination for the underutilized category can only be made at the time of application):

375-3.2:

- (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
- (1) the proposed use is at least 75 percent for industrial uses; or
- (2) at which:
- (i) the proposed use is at least 75 percent for commercial or commercial and industrial uses;
 - (ii) the proposed development could not take place without substantial government assistance, as certified by the municipality in which the site is located; and
 - (iii) one or more of the following conditions exists, as certified by the applicant:
 - (a) property tax payments have been in arrears for at least five years immediately prior to the application;
 - (b) a building is presently condemned, or presently exhibits documented structural deficiencies, as certified by a professional engineer, which present a public health or safety hazard; or
 - (c) there are no structures.

“Substantial government assistance” shall mean a substantial loan, grant, land purchase subsidy, land purchase cost exemption or waiver, or tax credit, or some combination thereof, from a governmental entity.

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
- ☐ 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.

ATTACHMENT A

SECTION I: PROPERTY INFORMATION

Item 1 – Metes and Bounds Description

The 3.1-acre proposed New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) site is located at 200 Chavez Terrace in Syracuse, Onondaga County, New York. The site is identified as part of Onondaga County Tax Parcel ID 095.-08.-01.0. A copy of the metes and bounds description is provided in this attachment.

GIS Information (degrees/minutes/seconds):

- Latitude: 43°02'27.4"
- Longitude: -76°08'48.7"

Item 2 – Property Maps

Figure A-1: Site Location Map is the required United States Geological Survey 7.5-minute quadrangle map showing the location of the proposed BCP property.

Figure A-2: Site Plan provides a property base map that shows map scale, north arrow orientation, date, and location of the property with respect to adjacent streets and roadways.

Figure A-3: Adjacent Property and Surrounding Land Use Map provides a property base map that shows proposed brownfield property boundary lines, with adjacent property owners clearly identified, and surrounding land uses.

Figure A-4: Tax Block and Lot Map provides the tax parcel information.

Figure A-5: Environmental Zone Map provides a property base map showing the proposed brownfield property boundary lines with an overlay of the New York State (NYS) Environmental Zones (En-Zone).

Figure A-6: Disadvantaged Communities Map provides a property base map showing the proposed brownfield property boundary lines with an overlay of the New York State Disadvantaged Community Boundaries based on census tracts identified.

Item 3 – Environmental Zone

According to the NYSDEC boundaries for the NYS En-Zone, 100 percent of the site is located within Onondaga County Census Tract 42, a designated En-Zone. The site is located within a census tract that has a poverty rate of 71% and an unemployment rate of 29.8%; this data

satisfies En-Zone criteria pursuant to Tax Law 21(b)(6). Figure A-5 shows the property boundary within the En-Zone.

Item 14 - Property Description Narrative

Location

The site is located at 200 Chavez Terrace within an urban, mixed-use area in the City of Syracuse, New York. The site is about 3.1 acres and is identified as part of Onondaga County Tax Parcel ID 095.-08.-01.0. A copy of the site survey is provided in this attachment. The site is bound by multi-family residential housing to the north, South Townsend Street followed by residential buildings to the east, multi-family residential housing to the south, and South State Street followed by a public park to the west. The site is currently owned by the Syracuse Housing Authority (SHA) and operates as multi-family residential housing with 25 residential units. The site is improved with six two-story residential townhouse apartments consisting of two six-unit apartment buildings, two four-unit apartment buildings, one three-unit apartment building, and one two-unit apartment building. The remainder of the site comprises asphalt-paved parking lots, landscaped areas and concrete-paved sidewalks. The main entrance is located on South State Street, along the western side of the site. The area surrounding the site consists of residential, commercial, institutional, and industrial properties, and public parks.

Site Features

According to the 2019 United States Geological Survey (USGS) 7.5-minute quadrangle topographic map for Syracuse East, the elevation of the site is about 400 feet¹ above mean sea level (amsl). The topography of the site is generally flat with the surrounding area gently sloping downward toward the west and the Onondaga Creek, which is located approximately 2,000 feet west of the site.

Current Zoning and Land Use

According to the Rezone Syracuse ordinance and City of Syracuse Zoning Map, the site is located within an MX-2: Neighborhood Center District. The MX-2: Neighborhood Center zoning district is generally characterized as pedestrian-friendly, transit-supportive mix of medium to higher density residential uses and non-residential uses that offer goods and services to surrounding neighborhoods. The surrounding properties are zoned for MX-2: Neighborhood Center Districts, MX-3: Mixed-Use Transition, MX-4: Urban Core, R2: Low Density Residential, R5: High Density

¹ Elevations in this report refer to North American Vertical Datum of 1988 (NAVD88), which is about 1.1 feet above mean sea level at Sandy Hook, New Jersey.

Residential, LI: Light Industrial and Employment, and OS: Open Space. A copy of the zoning map is included in Attachment D.

Land use within a half-mile radius is urban and includes residential, commercial, institutional/public services, industrial, vacant land, and public parks. The nearest ecological receptor is the Onondaga Creek, located approximately 2,000 feet west of the site.

At present, the site is improved with six two-story multi-family residential buildings, asphalt-paved parking lots, landscaped areas and concrete-paved sidewalks.

Past Use of the Site

Historical documents indicate that the site has been used for various residential, commercial, and industrial purposes since as early as 1892, including the “Syracuse Twist Drill Co.” which consisted of a machine shop, milling facility, polish shop, coal bins, iron storage, an oil shed, and petroleum bulk storage (1892 to 1971), a brick and glass forge shop (1910 to 1971), a used car sales lot (1939 to 1959), an auto yard (1951 to 1961), an artificial flowers and decorations manufacturer (1961), and a junk house (1951 to 1961). The site was redeveloped for residential use in 1978 with seven residential buildings. The Syracuse Housing Authority purchased the site in 1986 and by 1990, the site was developed into its present-day configuration of six two-story residential buildings.

Site Geology and Hydrogeology

According to the U.S. Department of Agriculture’s (USDA) Natural Resources Conservation Service (NRCS) Soil Survey Geographic (SSURGO) data for the site, soils at the site are comprised primarily of urban land. Urban land is described as excavated, filled, and made land.

According to the October 7, 2024 Phase II Environmental Site Investigation (ESI) Report prepared by Langan, soil at the site consists of uncontrolled fill and is predominantly comprised of tan to brown fine-grained sand with varying amounts of silt, gravel, and clay that extends from grade surface to approximately 8 feet below grade surface (bgs). This layer is underlain by gray, tan, and brown, clay with varying amounts of silt and fine sand. Bedrock was not encountered during the Phase II ESI. Based on review of the USGS “Geologic Map of New York, Finger Lakes Sheet (Fisher, Isachsen, Rickard, dated March 1970)”, the site is underlain by bedrock of the Syracuse Foundation, consisting of dolostone, shale, gypsum and salt.

Groundwater was observed at depths ranging from about 6 to 10 feet bgs during the Phase II ESI conducted by Langan. The inferred regional groundwater flow direction for the area surrounding the site is to the west towards Onondaga Creek.

Environmental Assessment

According to the Phase II ESI conducted by Langan, the primary contaminants of concern include semivolatile organic compounds (SVOC), primarily polycyclic aromatic hydrocarbons (PAH), and metals in soil, metals in groundwater, and petroleum-related and chlorinated volatile organic compounds (VOC) in soil vapor. Further detail regarding documented soil, groundwater and soil vapor contamination is provided below.

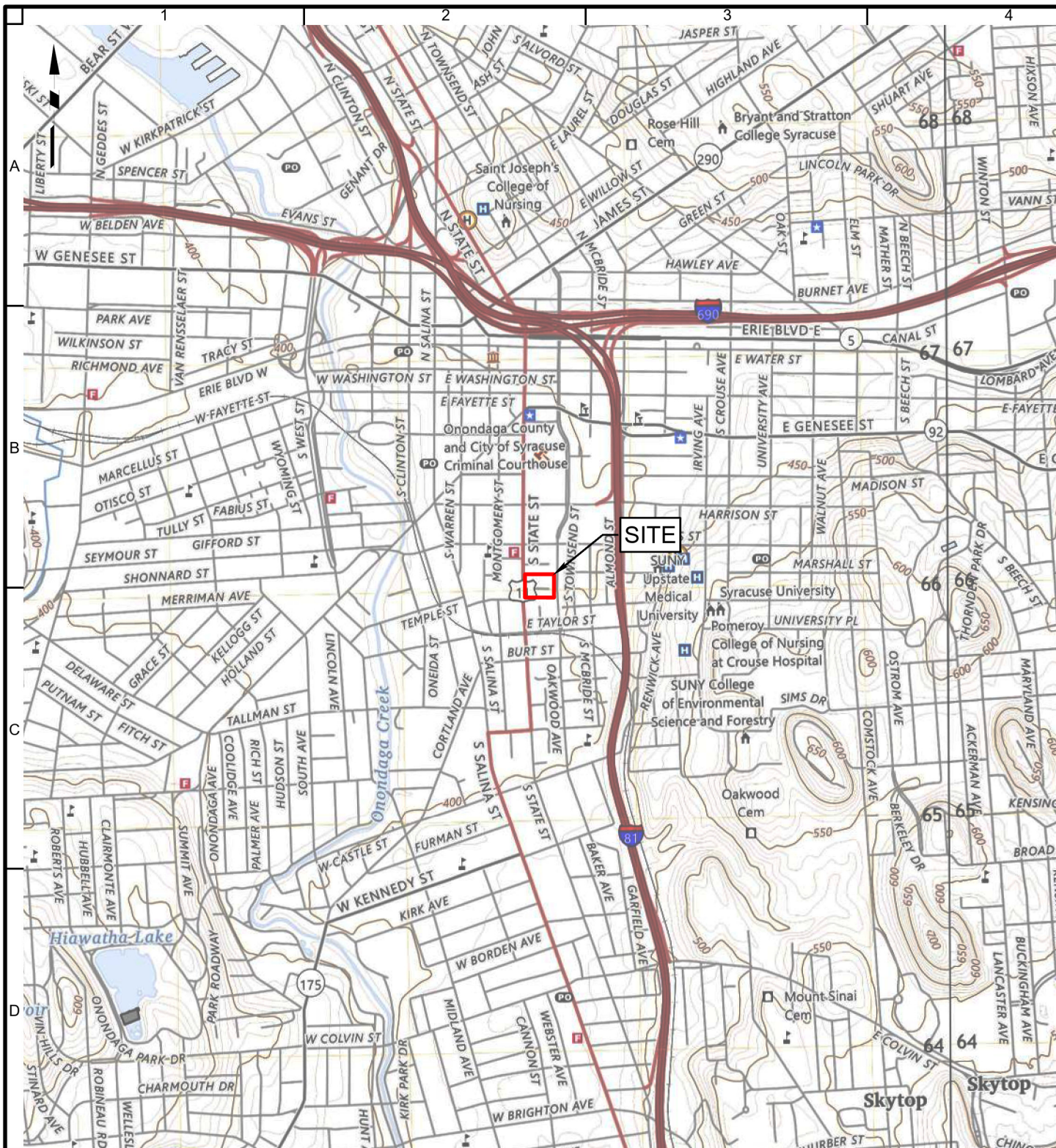
Soil: SVOCs and metals were detected at concentrations exceeding Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use (UU) and/or Restricted Use Restricted-Residential (RURR) Soil Cleanup Objectives (SCO). Visual, olfactory, and/or instrumental evidence of petroleum-like impacts (maximum photoionization detector [PID] readings of 119 parts per million [ppm]) was observed in one boring between about 7 and 8 feet bgs in the south-central part of the site.

Groundwater: Total and dissolved metals were detected in groundwater at concentrations above the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Drinking Water (Class GA) (collectively referred to as “SGVs”).

Soil Vapor: Petroleum-related and chlorinated VOCs were detected in soil vapor samples across the site. Of the eight chlorinated volatile organic compounds (CVOC) and thirteen petroleum-related VOCs that were evaluated under the New York State Department of Health (NYSDOH) Soil Vapor Guidance for Evaluating Soil Vapor Intrusion Decision Matrices (Decision Matrices), 1,1,1-trichloroethane (1,1,1-TCA), 1,2,4-trimethylbenzene (1,2,4-TMB), 2,2,4-trimethylpentane (2,2,4-TMP), benzene, carbon tetrachloride, cyclohexane, n-heptane, n-hexane, methylene chloride, toluene, trichloroethene (TCE) and vinyl chloride were detected in the soil vapor samples. Indoor air samples were not collected; however, the NYSDOH Decision Matrices can still provide guidance based on soil vapor concentrations as they relate to ranges of possible indoor air concentrations. When soil vapor concentrations are evaluated against the minimum mitigation threshold concentrations using the NYSDOH Decision Matrices, potential recommendations range between “no further action” to “mitigate” for occupied structures, with mitigation being recommended for TCE, benzene, hexane and cyclohexane.

The source of VOCs, SVOCs, and metals identified in site soil and soil vapor is likely attributed to historical use and operation of the site including a drilling company with a machine shop, forge shop, milling facility, coal bins, a transformer house, petroleum bulk storage, and an oil house, used car sales, an auto yard, manufacturing and warehousing facilities, an auto repair shop; and a junk house. Metals identified in groundwater are consistent with regional groundwater quality and are not indicative of a release. Based on the concentrations of petroleum-related VOCs and

CVOCs in soil vapor, it is likely that additional on-site sources of soil and groundwater contamination are present and will be identified once the more thorough Remedial Investigation is completed.



Legend

Approximate Site Boundary



Notes:

1. Basemap adapted from United States Geological Survey (USGS) 7.5-Minute Series Topographical Maps, Syracuse West, New York, Quadrangle.

LANGAN

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New York, NY 10001-2727
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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan

Project EAST ADAMS REDEVELOPMENT PHASE THREE AREA

BLOCK No. 08, p/o LOT No. 01.0

SYRACUSE

ONONDAGA COUNTY NEW YORK

Figure Title

SITE LOCATION MAP

Project No.
170859701

Date
1/2/2025

Scale
1"=2,000'

Drawn By
GS

Submission Date

Figure No.

A-1



Legend
 Approximate Site Boundary

Notes:
1. Aerial imagery provided through Langan's subscription to NearMap.com, flown 5/7/2024.
2. Tax parcel data provided by Onondaga County and New York State GIS.

E

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.



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Project

**EAST ADAMS
REDEVELOPMENT
PHASE THREE AREA**

BLOCK No. 08, p/o LOT No. 01.0
SYRACUSE

ONONDAGA COUNTY

NEW YORK

Figure Title

SITE PLAN

Project No.

170859701

Date

1/2/2025

Scale

1"=100'

Drawn By

GS

Figure No.

A-2



WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

200 0 200

SCALE IN FEET

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Project

**EAST ADAMS
REDEVELOPMENT
PHASE THREE AREA**

BLOCK No. 08, p/o LOT No. 01.0
SYRACUSE

ONONDAGA COUNTY NEW YORK

Figure Title

**ADJACENT
PROPERTY AND
SURROUNDING
LAND USE MAP**

Project No. 170859701	Figure No. A-3
Date 1/2/2025	
Scale 1"=200'	
Drawn By GS	



Notes:
1. World topographic basemap is provided through Langan's Esri and ArcGIS software licensing and ArcGIS online.
2. Tax parcel data provided by Onondaga County and New York State GIS.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.



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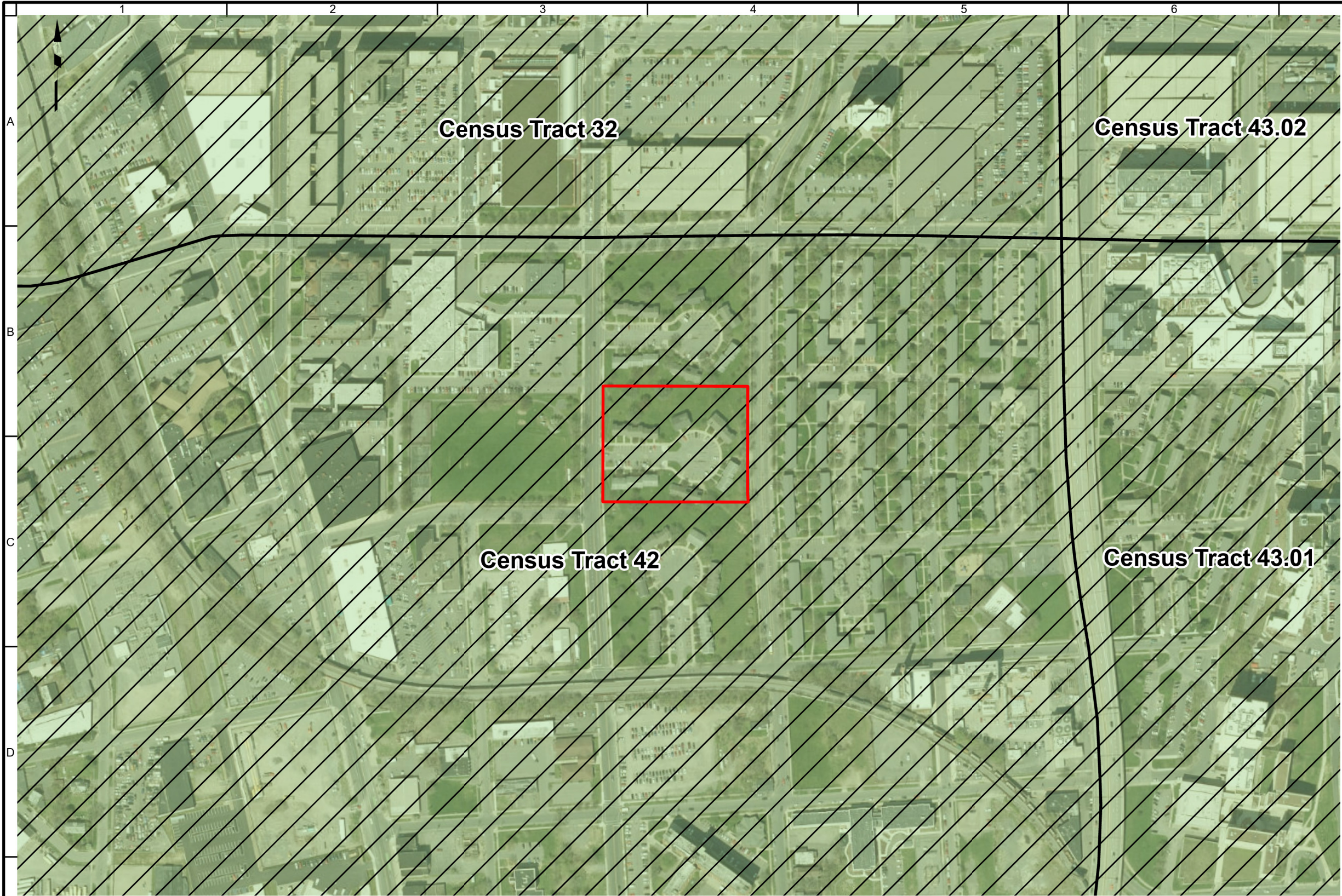
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Project **EAST ADAMS
REDEVELOPMENT
PHASE THREE AREA**
BLOCK No. 08, p/o LOT No. 01.0
SYRACUSE
ONONDAGA COUNTY NEW YORK

Figure Title
**TAX BLOCK
AND LOT MAP**

Project No. 170859701	Figure No. A-4
Date 1/2/2025	
Scale 1"=200'	
Drawn By GS	



Legend

Approximate Site Boundary

Poverty Rate of at least 20% and
Unemployment Rate of at least 125% the
Statewide Unemployment Rate, and
Poverty Rate of at least 2 times the
Poverty Rate for the County

Notes:
1. World Imagery basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online
2. Environmental zone data provided by the New York State Department of Environmental Conservation.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

300 0 300

SCALE IN FEET

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Project

**EAST ADAMS
REDEVELOPMENT
PHASE THREE AREA**

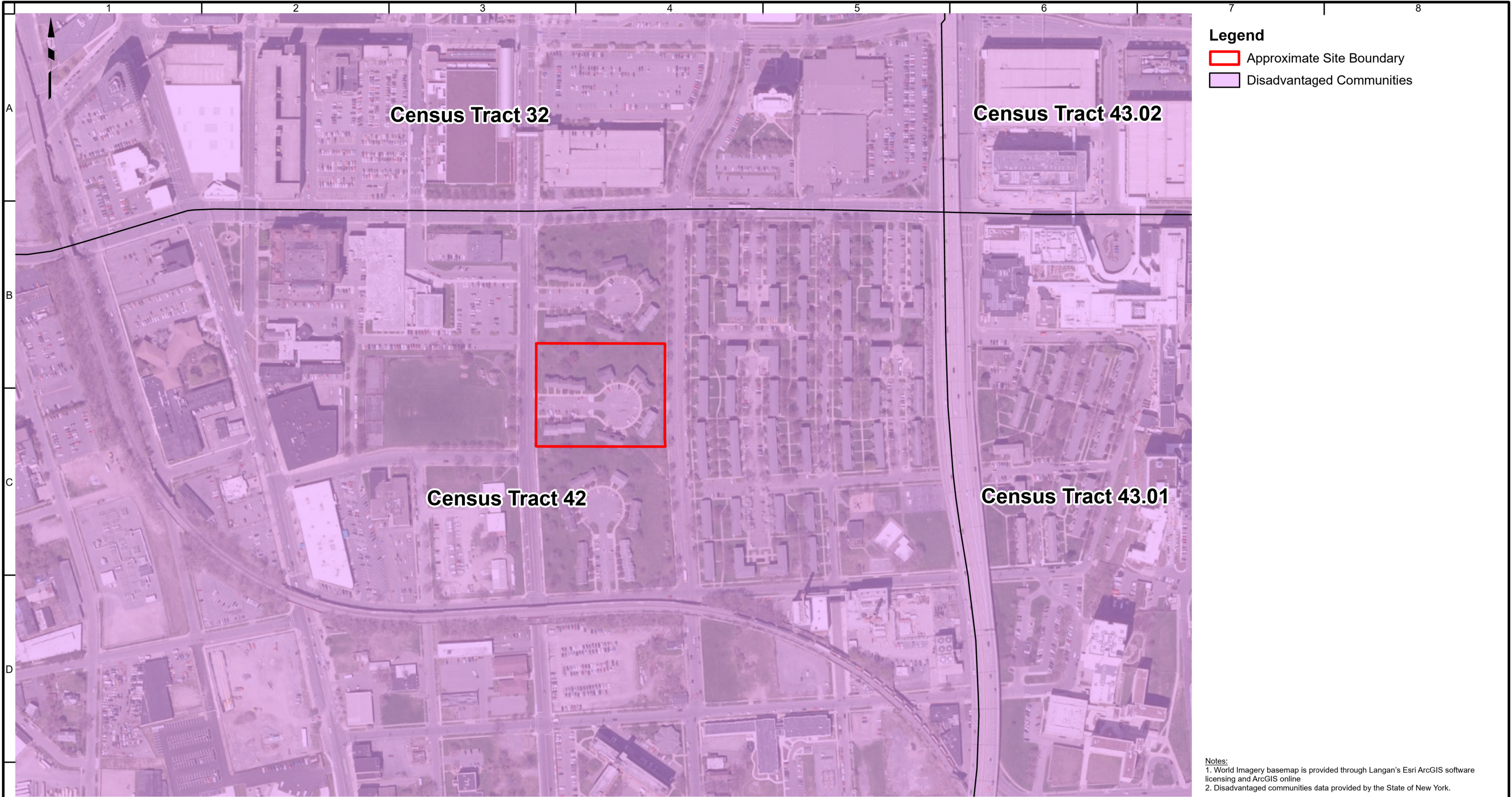
BLOCK No. 08, p/o LOT No. 01.0
SYRACUSE

ONONDAGA COUNTY NEW YORK

Figure Title

**ENVIRONMENTAL
ZONE MAP**

Project No. 170859701	Figure No. A-5
Date 1/2/2025	
Scale 1"=300'	
Drawn By GS	



WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

300 0 300

SCALE IN FEET

LANGAN Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 368 Ninth Avenue, 8th Floor New York, NY 10001-2727 T: 212.479.5400 F: 212.479.5444 www.langan.com	Project EAST ADAMS REDEVELOPMENT PHASE THREE AREA BLOCK No. 08, p/o LOT No. 01.0 SYRACUSE ONONDAGA COUNTY NEW YORK	Figure Title DISADVANTAGED COMMUNITIES MAP	Project No.	Figure No.
			170859701	A-6
			Date	
			1/2/2025	
			Scale	1"=300'
			1"=300'	
			Drawn By	
			GS	

30 January 2025
170859701

**WRITTEN DESCRIPTION
FOR
PROPOSED LOT 3
IN THE CITY OF SYRACUSE
ONONDAGA COUNTY, NEW YORK**

All that certain piece or parcel of land situate, lying and being in the City of Syracuse, County of Onondaga and State of New York and being bounded and described as follows:

COMMENCING from a point at the northwesterly corner of lands now or formerly owned by the Syracuse Housing Authority, also being the southerly line of East Adams Street (variable width) and the easterly line of South State Street (66 feet wide), as witnessed from a monument with a course of North 81°31'01" West, a distance of 1.21 feet and running southerly along the easterly line of South State Street the following two courses:

- A. South 00°07'40" West, a distance of 310.39 feet to a point; thence
 - B. South 00°07'40" West, a distance of 66.00 feet to a point on the northwesterly corner of the proposed lot 3, as shown on a drawing by Langan titled "East Adams Redevelopment – Phase III, Syracuse, Onondaga County, New York, Boundary & Topographical Survey", Project No. 170859701, Drawing No. VB101, dated December 14, 2024 and being the POINT or PLACE of BEGINNING; thence
- 1. Running easterly through the previously said owner's lands along the proposed division line for lots 2 and 3, a course of South 89°53'50" East, a distance of 411.97 feet to a point on the westerly line of South Townsend Street; thence
 - 2. Running southern along the westerly line of South Townsend Street, a course of South 00°06'10" West, a distance of 303.52 feet to a point; thence
 - 3. Continuing southerly along previously said westerly line, a course of South 03°35'20" East, a distance of 26.70 feet to a point on the southeasterly corner of the proposed lot 3 on the previously said drawing; thence
 - 4. Running westerly through the previously said owner's lands along the proposed division line for lots 3 and 4, a course of North 89°53'50" West, a distance of 413.83 feet to a point on the easterly line of South State Street; thence
 - 5. Running northerly along the easterly line of South State Street, a course of North 00°07'40" East, a distance of 330.16 feet to the POINT or PLACE of BEGINNING.

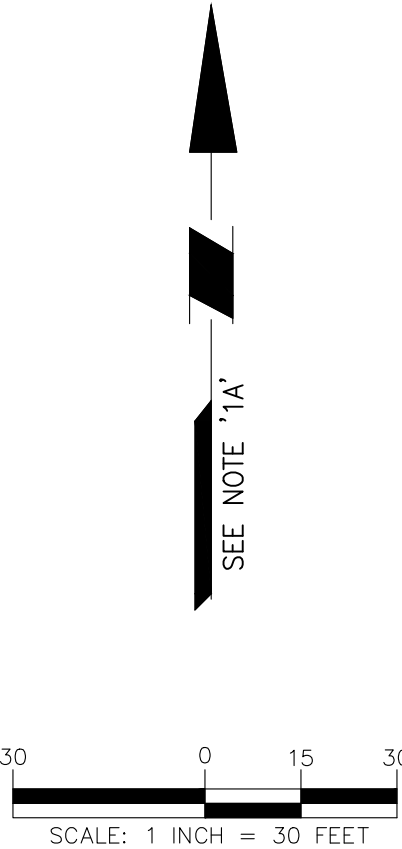
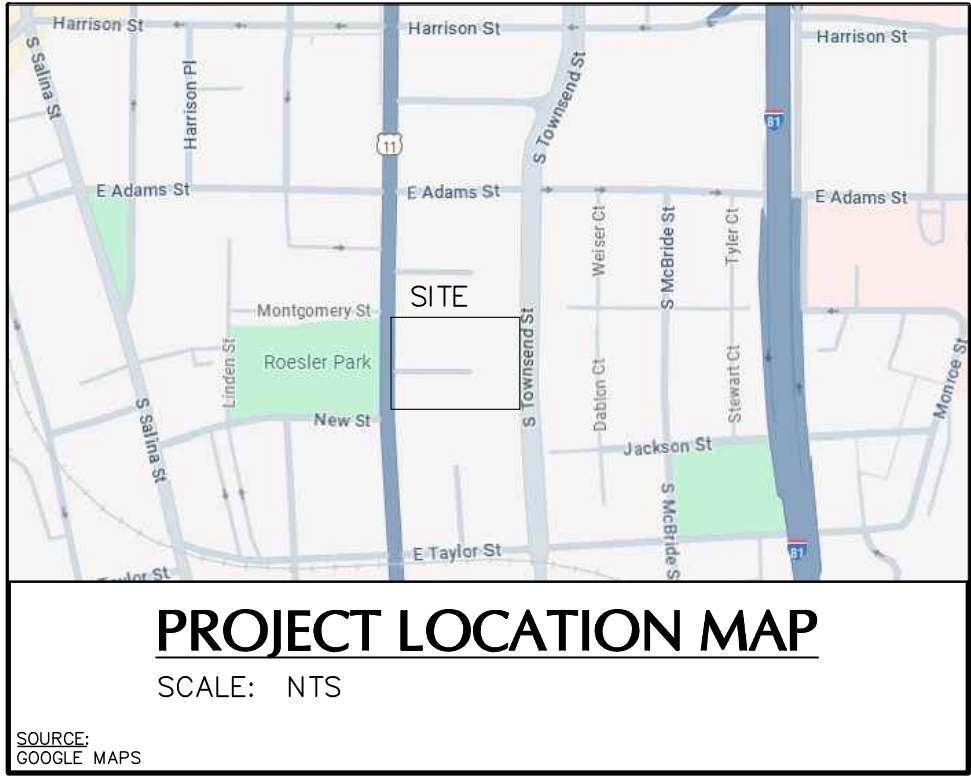
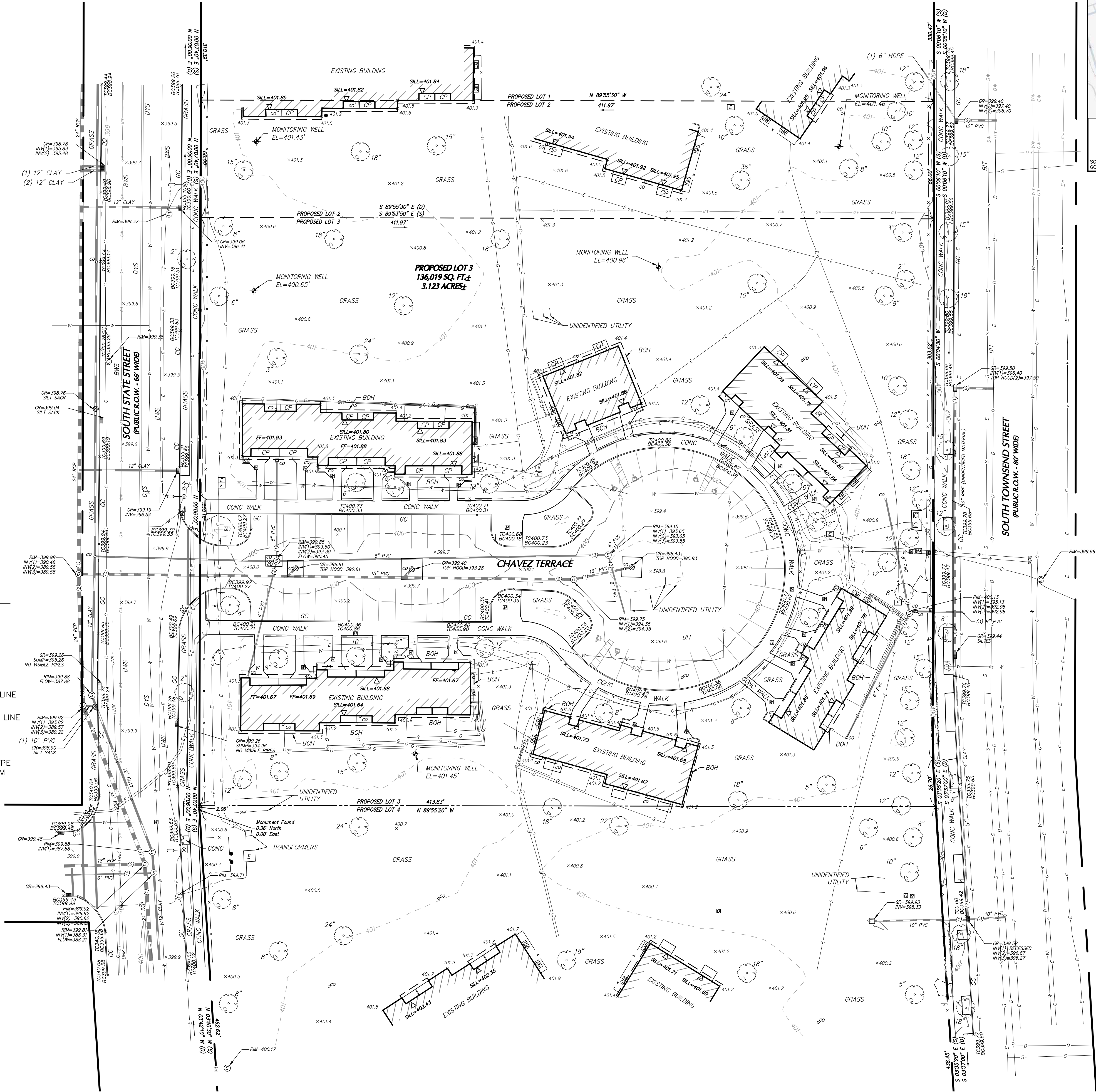
Encompassing an area of 136,062 square feet or 3.12355 acres, more or less.

NOTES

1. THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, DEED INFORMATION AND THE FOLLOWING REFERENCES:
- A. MAP TITLED "RESUBDIVISION OF BLOCK 151 JUDGE LANGSTON C. MCKINNEY MANOR EAST ADAMS - PHASE I AND III - TAX PARCEL 095-08-01 - CITY OF SYRACUSE - ONONDAGA COUNTY - NEW YORK", SCALE: 1 INCH = 50 FEET, DATED: JUNE 28 2023, AS PREPARED BY: BRYANT ASSOCIATES, P.C.
2. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO NOTE '1A'.
3. PLANIMETRIC AND TOPOGRAPHIC INFORMATION SHOWN HEREON HAS BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN ENGINEERING, ENVIRONMENTAL, SURVEYING AND LANDSCAPE ARCHITECTURE, D.P.C. FIELD WORK COMPLETED DURING THE MONTH OF JULY 2024.
4. AS PER THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP ENTITLED "ONONDAGA COUNTY, NEW YORK PANEL 217 OF 520, MAP NUMBER 36067C0217F, EFFECTIVE DATE NOVEMBER 04, 2016" THE PROJECT AREA IS IN ZONE X (UNSHADED) AND ZONE X (SHADED).
5. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED STRUCTURES (MANHOLES/CATCH BASINS, ETC.). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND LOCATIONS WHERE DATA IS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE, THE SURVEYOR CANNOT, AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN THE LOCATED STRUCTURES.
6. ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC.) DATA IS SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS.
7. UNLESS SPECIFICALLY NOTED HEREON, THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES. THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR CONFIGURATION INDICATED HEREON.
8. ALL BUILDINGS AND STRUCTURES WERE LOCATED AND MEASURED AT GROUND LEVEL. THE SURVEYOR MAKES NO DETERMINATIONS OR GUARANTEES AS TO THE ABSENCE, EXISTENCE OR LOCATION OF UNDERGROUND STRUCTURES, FOUNDATIONS, FOOTINGS, PROJECTIONS, WALLS, TANKS, SEPTIC SYSTEMS, ETC. NO TEST PITS, EXCAVATIONS OR GROUND PENETRATING RADAR WERE PERFORMED AS PART OF THIS SURVEY.
9. PRIOR TO ANY DESIGN OR CONSTRUCTION, THE PROPER UTILITY AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD LOCATIONS.
10. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF N.Y. STATE EDUCATION LAW ARTICLE 145.
11. THIS SURVEY IS NOT VALID WITHOUT THE EMBOSSED OR INKED SEAL OF THE PROFESSIONAL.
12. I HEREBY STATE THAT THIS PLAN IS BASED ON A FIELD SURVEY MADE BY ME OR UNDER MY IMMEDIATE SUPERVISION IN ACCORDANCE WITH NYSPLS CODE OF PRACTICE FOR LAND SURVEYS, AND TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, AND IN MY PROFESSIONAL OPINION, CORRECTLY REPRESENTS THE CONDITIONS FOUND ON THE DATE OF THE FIELD SURVEY AT THE SUBJECT PROPERTY

LEGEND (NOT SHOWN TO SCALE)

	AIR CONDITIONING UNIT		TREE LINE
	BOLLARD		OVERHEAD WIRE
	DOOR		PROPERTY LINE
	DOUBLE DOOR		RIGHT-OF-WAY LINE
	SIGN		CABLE TV MARK OUT LINE
	SHRUB		DRAINAGE MARK OUT LINE
	TREE		ELECTRIC MARK OUT LINE
	CATCH BASIN		COMMUNICATION MARK OUT LINE
	CLEANOUT		GAS MARK OUT LINE
	ELECTRIC BOX		SANITARY SEWER MARK OUT LINE
	ELECTRIC METER		WATER MARK OUT LINE
	FILLER VALVE		STEAM MARK OUT LINE
	FIRE HYDRANT		UNKNOWN MARK OUT LINE
	GAS METER		REFERENCE UTILITY LINE (TYPE AS NOTED) - PLOTTED FROM EXISTING MAPPING
	GAS VALVE		
	GUY POLE		
	GUY WIRE		
	LIGHT POLE		
	MANHOLE (TYPE AS LABELED)		
	POWER POLE		
	WATER VALVE		
	BITUMINOUS		
	CONCRETE		
	CONCRETE PAD		
	LANDSCAPED AREA		
	SINGLE WHITE STRIPE		
	DOUBLE YELLOW STRIPE		
	REINFORCED CONCRETE PIPE		
	VETRIFIED CLAY PIPE		
	BUILDING OVERHANG		
	BOTTOM OF WALL		
	EDGE OF PAVEMENT		
	EDGE OF WALK		
	DETECTABLE WARNING		
	BITUMINOUS CURB		
	CONCRETE CURB		
	GRANITE CURB		
	FINISHED FLOOR ELEVATION		
	EDGE OF TRAVELED WAY		



Date	Description	No.
REVISIONS		
DRAFT: 12/14/2024		
SIGNATURE		DATE SIGNED
PROFESSIONAL LAND SURVEYOR NY STATE LIC. No. 051124		
LANGAN		
Langan Engineering and Environmental Services, LLC 368 Ninth Avenue, 8th Floor New York, NY 10001		
T: 212.479.5400 F: 212.479.5444 www.langan.com		
Project		
EAST ADAMS REDEVELOPMENT - PHASE III		
SYRACUSE		
ONONDAGA COUNTY		NEW YORK
Drawing Title		
BOUNDARY & TOPOGRAPHICAL SURVEY		
Project No.		Drawing No.
170859701		VB101
Date		
DECEMBER 14, 2024		
Drawn By		
DJG		
Checked By		
ACI		Sheet 1 of 1

ATTACHMENT B

SECTION II: PROJECT DESCRIPTION

Item 4 - Purpose and Scope of the Project

The purpose of the project is to remediate and redevelop the about 3.1-acre contaminated site. The site is currently improved with six two-story residential townhouse apartments consisting of two six-unit apartment buildings, two four-unit apartment buildings, one three-unit apartment building, and one two-unit apartment building. The remainder of the subject property comprises asphalt-paved parking lots, landscaped areas and concrete-paved sidewalks. The proposed redevelopment includes demolition of the existing structures and development of the site into 100% affordable multi-story residential apartments.

Remediation would be performed concurrently with the proposed redevelopment and in accordance with an approved Remedial Action Work Plan (RAWP) and Construction Health and Safety Plan (CHASP), including a Community Air Monitoring Plan (CAMP).

If accepted into the Brownfield Cleanup Program (BCP), the remedial program would begin with the submission of a Remedial Investigation Work Plan (RIWP) to the New York State Department of Environmental Conservation (NYSDEC) for review. Findings of the investigation outlined in the RIWP will be documented in a Remedial Investigation Report (RIR). Future remediation plans to address the identified impacts will be detailed in the RAWP, which will be implemented concurrently with the contemplated development. The RIR and RAWP will be prepared in accordance with NYSDEC guidelines. An estimated timeline of anticipated BCP milestones is provided in the following schedule:

Estimated Project Schedule		2024		2025												2026												2027									
		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN				
Item	Action																																				
1	Preparation and Submission of BCP Application																																				
2	NYSDEC Determination of BCP Application for Completeness																																				
3	Address NYSDEC Comments to BCP Application																																				
4	30-Day Public Comment Period for BCP Application																																				
5	Execute BCA																																				
6	Preparation and Submission of CPP and RIWP																																				
7	NYSDEC/NYSDOH Review of RIWP and 30-day public comment																																				
8	Implementation of Remedial Investigation and RIR Preparation																																				
9	RAWP Preparation																																				
10	NYSDEC & NYSDOH Review of RIR and RAWP, including 45-day public comment																																				
11	NYSDEC Approval of RAWP and Issuance of Decision Document																																				
12	Implementation of RAWP with Engineering Oversight																																				
13	Preparation of an Environmental Easement, FER, and SMP (if required)																																				
14	NYSDEC & NYSDOH Review of FER (and SMP, if required)																																				
15	NYSDEC Issues COC																																				
Notes:																																					
a) This is an estimated schedule; all items are subject to change.																																					
b) BCP = Brownfield Cleanup Program																																					
c) NYSDEC = New York State Department of Environmental Conservation																																					
d) BCA = Brownfield Cleanup Agreement																																					
e) NYSDOH = New York State Department of Health																																					
f) CPP = Citizen Participation Plan																																					
g) RIWP = Remedial Investigation Work Plan																																					
h) RIR = Remedial Investigation Report																																					
i) RAWP = Remedial Action Work Plan																																					
j) FER = Final Engineering Report																																					
k) SMP = Site Management Plan																																					
l) COC = Certificate of Completion																																					

Item 5 – Green and Sustainable Remediation

Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per the NYSDEC DER-31 Green Remediation Policy (DER-31). The following green remediation/sustainability concepts will be considered and/or implemented, to the extent feasible, during investigations, remedial design and action, and site management:

- Increase energy efficiency/minimize total energy use and direct and indirect CO₂/greenhouse gas (GHG) emissions to the atmosphere
- Reduce emissions of air pollutants
- Minimize habitat disturbance and create or enhance habitat or usable land
- Conserve natural resources such as soil and water; promote the sequestration of carbon through reforestation or afforestation
- Minimize fresh water consumption and maximize water reuse during daily operations and treatment processes
- Prevent long-term erosion, surface runoff, and off-site water quality impacts, and prevent unintended soil compaction
- Minimize waste or implement beneficial use of materials that would otherwise be considered a waste
- Minimize equipment and truck idling and use sustainably produced biofuels to reduce discharge of pollutants and GHGs to the atmosphere
- Utilize clean diesel (new or retrofitted) equipment to reduce emissions to the atmosphere
- Minimize truck travel for disposal to save energy, reduce emissions, and reduce localized noise, vibration, and wear and tear on roads
- Minimize use of heavy equipment to save energy and reduce emissions

ATTACHMENT C

SECTION III: ECOLOGICAL CONCERNS

Item 4 – Fish and Wildlife Resources Impact Analysis

The Onondaga Creek is located approximately 0.35 miles west of the site and is considered an ecological resource. Based on the site's location in proximity to an ecological resource, the New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) Technical Guidance for Site Investigation and Remediation (DER-10), dated May 2010, was evaluated to determine if an on-site and off-site Fish and Wildlife Resources Impact Analysis (FWRIA) was required. Based on the requirements stipulated in Section 3.10 and Appendix 3C of DER-10, a FWRIA is not required because contamination at the site does not have the potential to impact any on- or off-site habitat of endangered species or other fish and wildlife.

ATTACHMENT D

SECTION IV: LAND USE FACTORS

Items 1 and 2 - Current Zoning

According to the Rezone Syracuse ordinance and City of Syracuse Zoning Map, the site is located within an MX-2: Neighborhood Center District. The MX-2: Neighborhood Center zoning district is generally characterized as pedestrian-friendly, transit-supportive mix of medium to higher density residential uses and non-residential uses that offer goods and services to surrounding neighborhoods. The proposed use is consistent with the current zoning. A copy of the zoning map is included in this attachment.

Item 4 - Current Use

The site encompasses an area of about 3.1 acres and currently operates as a multi-family townhouse apartment complex with 25 residential units, known as Chavez Terrace, owned by the Syracuse Housing Authority (SHA). The site is improved with six two-story residential townhouse apartments consisting of two six-unit apartment buildings, two four-unit apartment buildings, one three-unit apartment building, and one two-unit apartment building. The remainder of the site comprises asphalt-paved parking lots, landscaped areas and concrete-paved sidewalks. The main entrance is located on South State Street, along the western side of the site. The area surrounding the site consists of residential, commercial, institutional, and industrial properties, and public parks. The site is bound by multi-family residential housing to the north, South Townsend Street followed by residential buildings to the east, multi-family residential housing to the south, and South State Street followed by a public park to the west.

The site was historically developed with various residential, commercial, and industrial purposes including the "Syracuse Twist Drill Co." which consisted of a machine shop, milling facility, polish shop, coal bins, iron storage, an oil shed, and petroleum bulk storage (1892 to 1971), a brick and glass forge shop (1910 to 1971), a used car sales lot (1939 to 1959), an auto yard (1951 to 1961), an artificial flowers and decorations manufacturer (1961), and a junk house (1951 to 1961). The site was redeveloped for residential use in 1978 with seven residential buildings. The SHA purchased the site in 1986 and by 1990, the site was developed into its present-day configuration of six two-story residential buildings.

Item 6 - Intended Use Post Remediation

Current redevelopment plans include the demolition of the existing structures and development of multi-story residential buildings. A total of 100% of the residential units will be designated as affordable housing. Post-remediation use would be consistent with the current zoning.

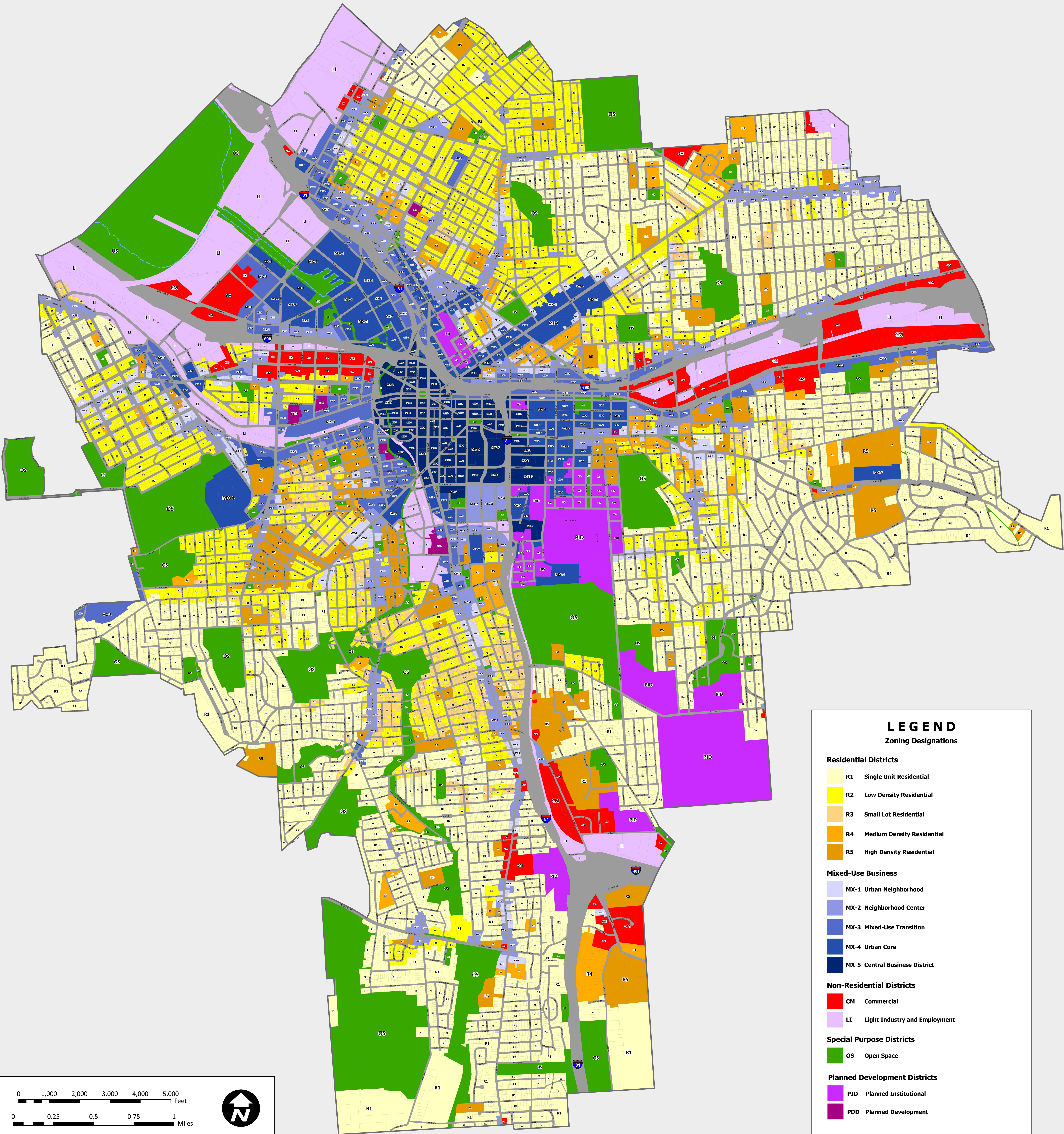
Item 9 - Consistency with Applicable Zoning Laws/Maps

This project responds to and is consistent with the goals of the Syracuse Common Council Rezone Syracuse ordinance implemented on July 1, 2023. The Rezone Syracuse ordinance was developed to protect the public health, safety, and welfare of the City of Syracuse and to implement policies from the City of Syracuse Comprehensive Plan. The site is located in an MX-2: Neighborhood Center District, which is characterized as pedestrian-friendly, transit-supportive mix of medium to higher density residential uses and non-residential uses that offer goods and services to surrounding neighborhoods.

Item 10 - Comprehensive Plans

The City of Syracuse Comprehensive Plan 2025 was adopted in 2005, with updates to the plan in 2012 (City of Syracuse Comprehensive Plan 2040). The comprehensive plan aims to encourage, promote, and support a business-friendly environment, provide for sustainable urban economic growth and economic opportunities for Syracuse residents, to offer exceptional quality of life for residents and visitors, to cultivate and capitalize on the area's unique character while supporting well designed real estate developments that enhance neighborhoods, lively public spaces, well-maintained infrastructure, and dynamic neighborhoods that are linked by well-planned transportation, all within an exciting, safe, and clean environment.

This project responds to and is consistent with the goals of the City of Syracuse Comprehensive Plan 2040.



LEGEND
Zoning Designations

Residential Districts

- R1 Single Unit Residential
- R2 Low Density Residential
- R3 Small Lot Residential
- R4 Medium Density Residential
- R5 High Density Residential

Mixed-Use Business

- MX-1 Urban Neighborhood
- MX-2 Neighborhood Center
- MX-3 Mixed-Use Transition
- MX-4 Urban Core
- MX-5 Central Business District

Non-Residential Districts

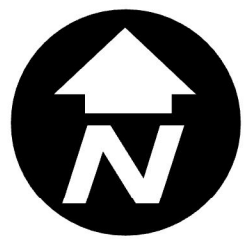
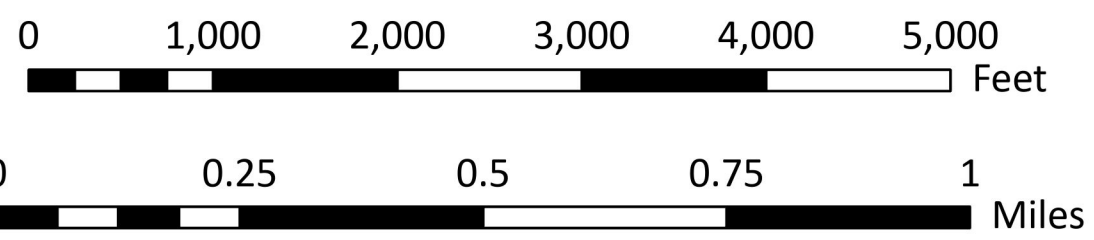
- CM Commercial
- LI Light Industry and Employment

Special Purpose Districts

- OS Open Space

Planned Development Districts

- PID Planned Institutional
- PDD Planned Development



March 27, 2023

ATTACHMENT E

SECTION V: CURRENT AND HISTORICAL PROPERTY OWNER AND OPERATOR INFORMATION

Current Site Owner(s)

The proposed Brownfield Cleanup Program (BCP) site is located at 200 Chavez Terrace and is identified as part of Onondaga County Tax Parcel ID 095.-08.-01.0. The Requestor is not the owner of the site. Contact information for the current owner, Syracuse Housing Authority, is provided below. The Requestor is developing the property on behalf of the current site owner. A letter from Syracuse Housing Authority indicating that they have granted site access to the Requestor throughout the BCP is provided in Attachment G.

Property Owner and Contact Information

Syracuse Housing Authority
Attn: William J. Simmons
516 Burt Street
Syracuse, New York 13202
(315) 470-4216

Current Operator

Same as the property owner.

Previous Site Owners

Title records were reviewed at the County Clerk office and indicated that Syracuse Housing Authority purchased the site from Housing and Urban Development on October 31, 1986.

Previous Site Operators

Based on reviews of historical records including Sanborn Fire Insurance Maps and city directories, the following table summarizes previous site operators:

Operator Name/Site Use	Relationship to Property	Address and Phone Number	Relationship to Applicant
Residential	Occupant (1892 to Present)	913 – 923 South State Street (Phone Numbers Unknown)	None
Syracuse Twist Drill Co.	Occupant (1892 to 1971)	913 – 923 South State Street (Phone Number Unknown)	None
Artificial Flowers & Decorations Manufacturing	Occupant (1961)	913 – 923 South State Street (Phone Number Unknown)	None

Operator Name/Site Use	Relationship to Property	Address and Phone Number	Relationship to Applicant
Warehouses	Occupant (1961)	913 – 923 South State Street (Phone Number Unknown)	None
Junk House	Occupant (1951 to 1961)	913 – 923 South State Street (Phone Number Unknown)	None
Nichols Washer Parts & Service Inc Repairs	Occupant (1951 to 1961)	913 – 923 South State Street (Phone Number Unknown)	None
Hayman’s Used Car Co.	Occupant (1939 to 1959)	913 – 923 South State Street (Phone Number Unknown)	None

References:

1. October 2024 Phase I Environmental Site Assessment for East Adams Phase Three Area, prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan)

ATTACHMENT F

SECTION VI: PROPERTY'S ENVIRONMENTAL HISTORY

The about 3.1-acre site is located at 200 Chavez Terrace in Syracuse, Onondaga County, New York and is identified as part of Onondaga County Tax Parcel ID 095.-08.-01.0. Based on the historic uses of the site and the presence of corresponding contaminants at concentrations exceeding the applicable criteria for the reasonably anticipated future use of the site (restricted-residential) as multi-family affordable housing, the site is eligible for the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP).

Item 1 - Previous Reports

The following environmental reports were prepared for the site prior to the Requestor's application:

- *October 7, 2024 Phase I Environmental Site Assessment (ESA) for East Adams Street Redevelopment – Phase Three Area, Syracuse, New York, prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C (Langan).*
- *October 7, 2024 Phase II Environmental Site Investigation (ESI) for East Adams Street Redevelopment – Phase Three Area, prepared by Langan*

Environmental reports and sampling events are summarized below and included with this attachment.

October 7, 2024 Phase I ESA for East Adams Street Redevelopment – Phase Three Area, Syracuse, New York, prepared by Langan

Langan prepared a Phase I ESA in October 2024 for McCormack Baron Salazar Development, Inc. (MBSDI). The Phase I ESA identified the following Recognized Environmental Conditions (REC):

- Historical use of the site including a drilling company with a machine shop, milling facility, forge shop, milling facility, coal bins, a transformer house, underground storage tanks (UST), and an oil house, used car sales, an auto yard, manufacturing and warehousing facilities, an auto repair shop, and a junk house from at least 1892 until 1971.
- Historical operations on the south-adjointing property including a gasoline station in the 1950s and a junk yard from the 1910s through the 1960s. The property was listed in the NY Spills database under NYSDEC Spill No. 2400040, which was reported on April 2, 2024 after soil and groundwater impacted with benzene, toluene, ethylbenzene, and xylenes

(BTEX) were identified during a subsurface investigation. Cleanup is pending, and the spill remains open.

October 7, 2024 Phase II Environmental Site Assessment for East Adams Street Redevelopment - Phase Three Area, prepared by Langan

Langan conducted a Phase II subsurface investigation for the East Adams Redevelopment Phase Three Area site between September 16 and 25, 2024. The investigation consisted of a geophysical survey, advancement of 9 soil borings, installation of 3 permanent groundwater monitoring wells and 4 soil vapor points, and collection of 18 soil samples, 3 groundwater samples, and 4 soil vapor samples, plus quality assurance/quality control (QA/QC) samples.

Soil samples were analyzed for one or more of the following: NYSDEC Part 375 list and target compound list (TCL) volatile organic compounds (VOC), semivolatile organic compounds (SVOC), polychlorinated biphenyls (PCB), pesticides, total analyte list (TAL) metals including trivalent and hexavalent chromium and total cyanide. Groundwater samples were analyzed for NYSDEC Part 375 list and TCL VOCs, SVOCs, PCBs, pesticides, and total and dissolved TAL metals. Soil vapor samples were analyzed for VOCs via United States Environmental Protection Agency (USEPA) Method Toxic Organics (TO)-15. Field observations and laboratory analytical results are summarized below:

- Site Geology and Hydrogeology: Soil at the site consists of uncontrolled fill and is predominantly comprised of tan to brown fine-grained sand with varying amounts of silt, gravel, and clay that extends from grade surface to approximately 8 feet below grade surface (bgs). This layer is underlain by gray, tan, and brown clay with varying amounts of silt and fine sand. Groundwater was observed between approximately 6.12 to 9.68 feet bgs in monitoring wells across the site.
- Soil: Petroleum-like impacts (i.e., staining, odors, and photoionization detector [PID] readings up to 119 parts per million [ppm]) were observed in one soil boring (SB07) located in the south-central part of the site at depths ranging from 7 to 8 feet bgs. SVOCs and metals were detected in soil at concentrations exceeding the NYSDEC Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use (UU) and/or Restricted Use Restricted-Residential (RURR) Soil Cleanup Objectives (SCO) at SB01, SB08, and SB09.
- Groundwater: Total and dissolved metals were reported in groundwater above the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) and Guidance Values for Class GA water (collectively referred to as SGVs).

- Soil Vapor: Petroleum-related VOCs and chlorinated volatile organic compounds (CVOC) were detected in soil vapor samples across the site. Total VOCs detected in soil vapor samples ranged between 2,626.58 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) in SV05 to 7,768.05 $\mu\text{g}/\text{m}^3$ in SV02. Total BTEX compounds detected in soil vapor samples ranged between 59.5 $\mu\text{g}/\text{m}^3$ in SV04 to 153.1 $\mu\text{g}/\text{m}^3$ in SV02. Of the eight CVOCs and thirteen petroleum-related VOCs that were evaluated under the New York State Department of Health (NYSDOH) Soil Vapor Guidance for Evaluating Soil Vapor Intrusion Decision Matrices (Decision Matrices), 1,1,1-trichloroethane (1,1,1-TCA), 1,2,4-trimethylbenzene (1,2,4-TMB), 2,2,4-trimethylpentane (2,2,4-TMP), benzene, carbon tetrachloride, cyclohexane, n-heptane, n-hexane, methylene chloride, toluene, trichloroethene (TCE) and vinyl chloride were detected in the soil vapor samples.

The associated laboratory analytical reports, soil boring logs, and soil vapor sampling logs from the investigation are included in the October 2024 Phase II ESI report, which is included as an attachment. Sample locations and results are provided in the accompanying site drawings and tables.

Item 2 – Sampling Data

Based on the previous reports discussed in Item 1, the following summary was prepared to identify analytes detected above applicable regulatory standards for each media tested. The referenced reports and available laboratory data packages for the investigations are included in this attachment.

Soil:

Soil sample analytical results were compared to the UU and RURR SCOs. As depicted in Table F-1 and on Figure F-1, the following contaminants were detected at concentrations above the UU and/or RURR SCOs. RURR exceedances are shown in bold and maximum detections are shown in parentheses.

SVOCs

- Benzo(a)anthracene (**3.5 milligram per kilogram [mg/kg]**)
- Benzo(a)pyrene (**3.2 mg/kg**)
- Benzo(b)fluoranthene (**4 mg/kg**)
- Benzoic acid (1.2 mg/kg)
- Chrysene (3.3 mg/kg)
- Dibenzo(a,h)anthracene (**0.45 mg/kg**)
- Indeno(1,2,3-c,d)pyrene (**2 mg/kg**)

Metals

- Trivalent chromium (88.1 mg/kg)

- Copper (72.6 mg/kg)
- Lead (**502 mg/kg**)
- Mercury (**1.84 mg/kg**)
- Nickel (36 mg/kg)
- Silver (14.8 mg/kg)
- Zinc (162 mg/kg)

Groundwater:

Groundwater sample analytical results were compared to the SGVs. Contaminants that were detected at concentrations above the NYSDEC SGVs are depicted in Table F-2 and on Figure F-2 and are summarized below. Maximum detected concentrations are shown in parentheses.

Total Metals

- Iron (458 microgram per liter [µg/L])
- Magnesium (40,100 µg/L)
- Manganese (828.4 µg/L)
- Sodium (322,000 µg/L)

Dissolved Metals

- Magnesium (41,000 µg/L)
- Manganese (911.6 µg/L)
- Sodium (336,000 µg/L)

Soil Vapor:

Soil vapor sample analytical results were compared to the NYSDOH Decision Matrices Minimum Concentrations that require monitoring or mitigation. Petroleum-related and chlorinated VOCs were detected in soil vapor at concentrations ranging from 2,626.58 µg/m³ in SV05 to 7,768.05 µg/m³ in SV02. Total BTEX compounds detected in soil vapor samples ranged between 59.5 µg/m³ in SV04 to 153.1 µg/m³ in SV02. When evaluating the soil vapor sample analytical results against the minimum mitigation threshold concentrations in the NYSDOH Decision Matrices, mitigation is potentially recommended for benzene, cyclohexane, hexane, and TCE.

Soil vapor sample locations and reported concentrations are depicted in Table F-3 and on Figure F-3.

Item 3 - Site Drawings

Figure F-1: Soil Sample Analytical Results Map including soil sample locations advanced during the Phase II ESI completed by Langan. Analytical results exceeding the UU SCOs are bolded and analytical results exceeding the RURR SCOs are shaded.

Figure F-2: Groundwater Sample Analytical Results Map including sample locations advanced during the Phase II ESI completed by Langan. Analytical results exceeding the SGVs are bolded and shaded.

Figure F-3: Soil Vapor Sample Results Map including sample locations advanced during the Phase II ESI completed by Langan. Analytical results exceeding the NYSDOH Decision Matrices Minimum Concentrations are bolded and shaded.

Item 4 – Past Uses of the Site

Historical documents indicate that the site has been used for various residential, commercial, and industrial purposes since as early as 1892. In addition to residential buildings, the site included a commercial facility listed as the “Syracuse Twist Drill Co.” which contained a forge shop and machine shop, a carpenter shop, an oil house, and an underground oil tank circa 1892. By 1910, the drilling company was expanded to include a milling department, coal bins, iron storage and two USTs identified as ‘crude oil tanks; 8,000 & 5,000-gallons’ located in the south-central part of the site. Several modifications were made to the site buildings to accommodate more commercial operations between the 1950s and early 1960s, including a transformer house, used car sales, an auto yard, artificial flowers and decorations manufacturing facility, a brick and glass forge shop, warehouses, and a junk house. Potentially hazardous concentrations of metals such as lead were identified in site soil and are likely related to former metals operations associated with the drilling company. Metals identified in groundwater are consistent with regional groundwater quality and are not indicative of a release. SVOCs were identified in soil at the site and may be associated with former site operations such as the forge shop and the auto-repair. Petroleum-related VOCs are also located in soil vapor across the site and likely associated with former auto-repair operations and petroleum bulk storage. CVOC-related impacts to soil vapor beneath the site may be related to former industrial processes at the site such as artificial flower manufacturing. Based on the concentrations of petroleum-related VOCs and CVOCs in soil vapor, it is likely that additional on-site sources of soil and groundwater contamination are present and will be identified once the more thorough Remedial Investigation is completed.

The site was redeveloped for residential use in 1978 with seven residential buildings. By 1990, the site was developed into its present-day configuration of six two-story residential buildings.

Table F-1
Brownfield Cleanup Program Application
Soil Sample Analytical Results
East Adams Redevelopment - Phase Three Area
Syracuse, New York
Langan Project No: 170859701

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location Sample Date Sample Depth	SB01	SB01	SB02	SB02	SB04	SB04	SB05	SB05	SB06	SB06	SB07	SB07	SB08	SB08	SB09	SB09	SB10	SB10	
					SB01 1-2	SB01 4-5	SB02 1-2	SB02 6-7	SB04 0-1	SB04 8-9	SB05 1-2	SB05 7-8	SB06 1-2	SB06 5-6	SB07 1-2	SB07 7-8	SB08 1-2	SB08 8-9	SB09 1-2	SB09 7-8	SB10 1-2	SB10 8-9	
					09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																							
1,1,1,2-Tetrachloroethane	633-20-6	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0005 U	NA	<0.0003 U	NA	<0.0004 U	NA	<0.0003 U	NA	<0.0004 U	NA
1,1,1-Trichloroethane	71-65-6	0.68	100	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0004 U	NA	<0.0003 U	NA	<0.0004 U	NA
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0005 U	NA	<0.0003 U	NA	<0.0004 U	NA	<0.0003 U	NA	<0.0004 U	NA
1,1,2-Trichloroethane	79-00-6	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.0009 U	NA	<0.001 U	NA	<0.0009 U	NA
1,1-Dichloroethane	75-34-3	0.27	26	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.0009 U	NA	<0.001 U	NA	<0.0009 U	NA
1,1-Dichloroethene	75-35-4	0.33	100	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.0009 U	NA	<0.001 U	NA	<0.0009 U	NA
1,1-Dichloropropene	563-58-6	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0005 U	NA	<0.0003 U	NA	<0.0004 U	NA	<0.0003 U	NA	<0.0004 U	NA
1,2,3-Trichlorobenzene	87-61-6	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,2,3-Trichloropropene	96-18-4	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,2,4,5-Tetramethylbenzene	95-93-2	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	0.76	<0.0018 U	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,2,4-Trimethylbenzene	95-63-6	3.6	52	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,2-Dibromo-3-Chloropropane	96-12-6	NS	NS	mg/kg	NA	<0.003 U	NA	<0.003 U	NA	<0.003 U	NA	<0.0026 U	NA	<0.003 U	NA	<0.2 U	NA	<0.0028 U	NA	<0.0032 U	NA	<0.0029 U	NA
1,2-Dibromomethane (Ethylene Dibromide)	106-93-4	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.0009 U	NA	<0.001 U	NA	<0.0009 U	NA
1,2-Dichlorobenzene	95-50-1	1.1	100	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,2-Dichloropropane	107-06-2	0.02	3.1	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.0009 U	NA	<0.001 U	NA	<0.0009 U	NA
1,2-Dichloropropane	79-67-5	NS	NS	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.0009 U	NA	<0.001 U	NA	<0.0009 U	NA
1,3,5-Trimethylbenzene (Mesitylene)	106-67-8	8.4	52	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,3-Dichloropropane	142-289	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,4-Diethyl Benzene	105-05-5	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg	NA	<0.08 U	NA	<0.08 U	NA	<0.08 U	NA	<0.07 U	NA	<0.08 U	NA	<0.07 U	NA	<0.074 U	NA	<0.084 U	NA	<0.077 U	NA
1,2-Dichloropropene	594-20-7	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
2-Chlorotoluene	95-49-8	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
2-Hexanone (MBK)	591-78-6	NS	NS	mg/kg	NA	<0.0099 U	NA	<0.01 U	NA	<0.01 U	NA	<0.0088 U	NA	<0.01 U	NA	<0.0088 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U	NA
4-Chlorotoluene	106-43-4	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
4-Ethyltoluene	622-96-8	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
Acetone	67-64-1	0.05	100	mg/kg	NA	<0.0099 U	NA	<0.01 U	NA	0.016	NA	0.0053 U	NA	<0.01 U	NA	<0.0092 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U	NA
Acrylonitrile	107-13-1	NS	NS	mg/kg	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.0035 U	NA	<0.004 U	NA	<0.0035 U	NA	<0.0037 U	NA	<0.0042 U	NA	<0.0038 U	NA
Benzene	71-43-2	0.06	4.8	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0004 U	NA	<0.0003 U	NA	<0.0004 U	NA
Bromobenzene	109-86-1	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
Bromochloromethane	74-47-5	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
Bromodichloromethane	75-27-4	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0004 U	NA	<0.0003 U	NA	<0.0004 U	NA
Bromoform	75-25-2	NS	NS	mg/kg	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.0035 U	NA	<0.004 U	NA	<0.0035 U	NA	<0.0037 U	NA	<0.0042 U	NA	<0.0038 U	NA
Bromomethane	74-83-9	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
Carbon Disulfide	75-15-0	NS	NS	mg/kg	NA	<0.0099 U	NA	<0.01 U	NA	<0.01 U	NA	<0.0088 U	NA	<0.01 U	NA	<0.0088 U	NA	<0.0092 U	NA	<0.01 U	NA	<0.0096 U	NA
Carbon Tetrachloride	56-23-5	0.76	2.4	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.0009 U	NA	<0.001 U	NA	<0.0009 U	NA
Chlorobenzene	106-90-7	1.1	100	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0005 U	NA	<0.0004 U	NA	<0.0004 U	NA	<0.0003 U	NA	<0.0004 U	NA
Chloroethane	75-00-3	NS	NS	mg/kg	NA	<0.002 U	NA	<0.002 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.002 U	NA	<0.0018 U	NA	<0.0018 U	NA	<0.0021 U	NA	<0.0019 U	NA
Chloroform	67-66-3	0.37	49	mg/kg	NA	<0.0015 U	NA	<0.0015 U	NA	<0.0015 U	NA	<0.0013 U	NA	<0.0015 U	NA	<0.0013 U	NA	<0.0014 U	NA	<0.0016 U	NA	<0.0014 U	NA
Chloromethane	74-87-3	NS	NS	mg/kg	NA	<0.004 U	NA	<0.004 U	NA	<0.004 U	NA	<0.0035 U	NA	<0.004 U	NA	<0.0035 U	NA	<0.0037 U	NA	<0.0042 U	NA	<0.0038 U	NA
Cis-1,2-Dichloroethene	156-59-2	0.25	100	mg/kg	NA	<0.0009 U	NA	<0.001 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.001 U	NA	<0.0008 U	NA	<0.0009 U	NA	<0.001 U	NA	<0.0009 U	NA
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	mg/kg	NA	<0.0005 U	NA	<0.0005 U	NA</														

Table F-1
Brownfield Cleanup Program Application
Soil Sample Analytical Results
East Adams Redevelopment - Phase Three Area
Syracuse, New York
Langan Project No: 170859701

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location Sample Name Sample Date Sample Depth	SB01	SB01	SB02	SB02	SB04	SB04	SB05	SB05	SB06	SB06	SB07	SB07	SB08	SB08	SB09	SB09	SB10	SB10			
					SB01, 1-2	SB01, 4-5	SB02, 1-2	SB02, 6-7	SB04, 0-1	SB04, 8-9	SB05, 1-2	SB05, 7-8	SB06, 1-2	SB06, 5-6	SB07, 1-2	SB07, 7-8	SB08, 1-2	SB08, 8-9	SB09, 1-2	SB09, 7-8	SB10, 1-2	SB10, 8-9			
					09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/17/2024	09/17/2024	09/17/2024	09/17/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024	09/18/2024
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																									
1,2,4,5-Tetrachlorobenzene	96-94-3	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.2 U	<0.18 U	<0.2 U	<0.21 U			
1,2,4-Trichlorobenzene	120-82-1	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.2 U	<0.18 U	<0.2 U	<0.21 U			
1,2-Dichlorobenzene	96-50-1	1.1	100	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.2 U	<0.18 U	<0.2 U	<0.21 U			
1,3-Dichlorobenzene	541-73-1	2.4	49	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.2 U	<0.18 U	<0.2 U	<0.21 U			
1,4-Dichlorobenzene	106-46-7	1.8	13	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.2 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.2 U	<0.18 U	<0.2 U	<0.21 U			
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	13	mg/kg	<0.027 U	<0.033 U	<0.028 U	<0.03 U	<0.03 U	<0.028 U	<0.029 U	<0.03 U	<0.027 U	<0.03 U	<0.026 U	<0.032 U	<0.026 U	<0.027 U	<0.028 U	<0.03 U	<0.026 U	<0.032 U			
2,4,5-Trichlorophenol	95-94-4	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.2 U	<0.18 U	<0.2 U	<0.21 U			
2,4,6-Trichlorophenol	88-06-2	NS	NS	mg/kg	<0.11 U	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.1 U	<0.13 U	<0.1 U	<0.11 U	<0.12 U	<0.1 U	<0.13 U				
2,4-Dichlorophenol	120-83-2	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.17 U	<0.18 U	<0.18 U	<0.16 U	<0.18 U	<0.16 U	<0.19 U	<0.16 U	<0.17 U	<0.18 U	<0.16 U	<0.19 U				
2,4-Dimethylphenol	105-67-9	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.2 U	<0.18 U	<0.2 U	<0.21 U			
2,4-Dinitrophenol	51-28-5	NS	NS	mg/kg	<0.88 U	<1.1 U	<0.91 U	<0.98 U	<0.95 U	<0.9 U	<0.93 U	<0.95 U	<0.86 U	<0.96 U	<0.84 U	<1 U	<0.82 U	<0.86 U	<0.89 U	<0.84 U	<1 U	<0.89 U			
2,4-Dinitrotoluene	121-14-2	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
2,6-Dinitrotoluene	608-20-2	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
2-Chloronaphthalene	91-58-7	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
2-Chlorophenol	95-57-8	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
2-Methylnaphthalene	91-57-6	NS	NS	mg/kg	<0.22 U	<0.27 U	<0.23 U	<0.24 U	<0.24 U	<0.22 U	<0.23 U	<0.24 U	<0.21 U	<0.24 U	<0.21 U	<0.26 U	<0.21 U	0.077 J	0.4	<0.24 U	<0.21 U	<0.25 U			
2-Methylphenol (o-Cresol)	95-48-7	0.33	100	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
2-Nitroaniline	88-74-4	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
2-Nitrophenol	88-75-5	NS	NS	mg/kg	<0.4 U	<0.48 U	<0.41 U	<0.44 U	<0.43 U	<0.41 U	<0.42 U	<0.43 U	<0.39 U	<0.43 U	<0.38 U	<0.46 U	<0.37 U	<0.39 U	<0.4 U	<0.43 U	<0.38 U	<0.46 U			
3,4,4-Methylphenol (m,p Cresol)	65794-96-9	0.33	100	mg/kg	<0.28 U	<0.32 U	<0.27 U	<0.29 U	<0.28 U	<0.27 U	<0.28 U	<0.28 U	<0.26 U	<0.29 U	<0.26 U	<0.31 U	<0.26 U	0.04 J	<0.28 U	<0.26 U	<0.31 U	<0.28 U			
3,4-Dichlorobenzidine	91-94-1	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
3-Nitroaniline	99-09-2	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.2 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.2 U	<0.18 U	<0.2 U	<0.21 U			
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	mg/kg	<0.48 U	<0.58 U	<0.49 U	<0.53 U	<0.52 U	<0.49 U	<0.51 U	<0.49 U	<0.46 U	<0.52 U	<0.45 U	<0.56 U	<0.45 U	<0.47 U	<0.48 U	<0.51 U	<0.46 U	<0.55 U			
4-Nitrophenyl Phenyl Ether	101-65-3	NS	NS	mg/kg	<0.22 U	<0.27 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.2 U	<0.2 U	<0.17 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
4-Chloro-3-Methylphenol	59-50-7	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
4-Chloroaniline	106-47-8	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
4-Nitroaniline	100-01-6	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
4-Nitrophenol	100-02-7	NS	NS	mg/kg	<0.26 U	<0.31 U	<0.27 U	<0.28 U	<0.28 U	<0.26 U	<0.27 U	<0.28 U	<0.25 U	<0.28 U	<0.24 U	<0.3 U	<0.24 U	<0.25 U	<0.26 U	<0.28 U	<0.25 U	<0.3 U			
Acenaphthene	83-32-9	20	100	mg/kg	<0.15 U	<0.18 U	<0.15 U	<0.16 U	<0.16 U	<0.15 U	<0.16 U	<0.16 U	<0.14 U	<0.16 U	<0.14 U	<0.17 U	<0.14 U	0.54	0.81	0.019 J	<0.17 U	<0.17 U			
Acenaphthylene	208-96-8	100	100	mg/kg	<0.15 U	<0.18 U	<0.15 U	<0.16 U	<0.16 U	<0.15 U	<0.16 U	<0.16 U	<0.14 U	<0.16 U	<0.14 U	<0.17 U	<0.14 U	0.51	0.43	0.056 J	<0.17 U	<0.17 U			
Acetophenone	96-66-2	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U	<0.19 U	<0.19 U	<0.2 U	<0.18 U	<0.2 U	<0.17 U	<0.22 U	<0.17 U	<0.18 U	<0.18 U	<0.2 U	<0.18 U	<0.21 U			
Anthracene	120-12-7	100	100	mg/kg	<0.11 U	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.1 U	0.045 J	1.8	2.1	<0.12 U	0.072 J	<0.13 U	<0.13 U			
Benzolanthracene	56-55-3	1	1	mg/kg	0.13	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.1 U	0.064 J	0.057 J	0.082 J	2.2	3.5	<0.12 U	0.24			
Benzofluoranthene	191-24-2	0.8	3.9	mg/kg	0.056 J	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.1 U	<0.13 U	0.034 J	0.44	1.2	<0.12 U	0.1	<0.13 U			
Benzolig,h,Perylene	191-24-2	100	100	mg/kg	0.086 J	<0.18 U	<0.15 U	<0.16 U	<0.16 U	<0.15 U	<0.16 U	<0.16 U	<0.14 U	<0.16 U	<0.14 U	0.049 J	0.036 J	0.065 J	0.78	2	<0.16 U	0.15			
Benzofluoranthene	207-08-9	0.8	3.9	mg/kg	0.056 J	<0.13 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.12 U	<0.11 U	<0.12 U	<0.1 U	<0.13 U	0.034 J	0.44	1.2	<0.12 U	0.1	<0.13 U			
Benzoic Acid	65-85-0	NS	NS	mg/kg	<0.59 U	<0.72 U	<0.62 U	<0.68 U	<0.64 U	<0.61 U	<0.63 U	<0.64 U	<0.58 U	<0.65 U	<0.56 U	<0.7 U	<0.56 U	<0.58 U	<0.6 U	<0.64 U	<0.57 U	<0.68 U			
Benzyl Alcohol	100-51-6	NS	NS	mg/kg	<0.18 U	<0.22 U	<0.19 U	<0.2 U	<0.2 U																

Table F-1
Brownfield Cleanup Program Application
Soil Sample Analytical Results
East Adams Redevelopment - Phase Three Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Residential SCOs	Location Sample Name Sample Date Sample Depth	SB01	SB01	SB02	SB02	SB04	SB04	SB05	SB05	SB06	SB06	SB07	SB07	SB08	SB08	SB09	SB09	SB10	SB10	
					SB01-1-2	SB01-4-5	SB02-1-2	SB02-6-7	SB04-0-1	SB04-8-9	SB05-1-2	SB05-7-8	SB06-1-2	SB06-5-6	SB07-1-2	SB07-7-8	SB08-1-2	SB08-8-9	SB09-1-2	SB09-7-8	SB10-1-2	SB10-8-9	
					09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024	09/16/2024
					1-2	4-5	1-2	6-7	0-1	8-9	1-2	7-8	1-2	5-6	1-2	7-8	1-2	8-9	1-2	7-8	1-2	8-9	
Pesticides																							
4,4'-DDD	72-64-8	0.0033	13	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00178 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U	
4,4'-DDE	72-65-9	0.0033	8.9	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00178 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	0.000692 J	
4,4'-DDT	50-29-3	0.0033	7.9	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00178 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U	
Aldrin	309-00-2	0.005	0.097	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00178 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U	
Alpha BHC (Alpha Hexachlorocyclohexane)	519-84-6	0.02	0.48	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000744 U	NA	<0.000762 U	NA	<0.000765 U	NA	<0.00083 U	NA	<0.000709 U	NA	<0.000671 U	NA	<0.00063 U	
Alpha Chlordane	5103-71-9	0.094	4.2	mg/kg	NA	<0.00268 U	NA	<0.0024 U	NA	<0.00223 U	NA	<0.00235 U	NA	<0.00235 U	NA	<0.00249 U	NA	0.000954 J	NA	<0.0023 U	NA	<0.00249 U	
Alpha Endosulfan	959-98-8	2.4	24	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00178 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U	
Beta BHC (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.36	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00178 U	NA	<0.00188 U	NA	<0.00188 U	NA	0.0016 J	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U	
Beta Endosulfan	3321-65-9	2.4	24	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00178 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U	
Chlordane (alpha and gamma)	57-74-9	NS	NS	mg/kg	NA	<0.0178 U	NA	<0.016 U	NA	<0.0149 U	NA	<0.0156 U	NA	<0.0157 U	NA	<0.0166 U	NA	<0.0142 U	NA	<0.0153 U	NA	<0.0166 U	
Delta BHC (Delta Hexachlorocyclohexane)	319-86-8	0.04	100	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00178 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U	
Dieldrin	60-57-1	0.005	0.2	mg/kg	NA	<0.00134 U	NA	<0.0012 U	NA	<0.00112 U	NA	<0.00117 U	NA	<0.00118 U	NA	<0.00124 U	NA	<0.00106 U	NA	<0.00115 U	NA	<0.00124 U	
Endosulfan Sulfate	1031-07-8	2.4	24	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000744 U	NA	<0.000762 U	NA	<0.000765 U	NA	<0.00083 U	NA	<0.000709 U	NA	<0.000671 U	NA	<0.00063 U	
Endrin	72-20-8	0.014	11	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000744 U	NA	<0.000762 U	NA	<0.000765 U	NA	<0.00083 U	NA	<0.000709 U	NA	<0.000671 U	NA	<0.00063 U	
Endrin Aldehyde	7421-93-4	NS	NS	mg/kg	NA	<0.00268 U	NA	<0.0024 U	NA	<0.00223 U	NA	<0.00235 U	NA	<0.00235 U	NA	<0.00249 U	NA	<0.00212 U	NA	<0.0023 U	NA	<0.00249 U	
Endrin Ketone	53494-70-5	NS	NS	mg/kg	NA	<0.00214 U	NA	<0.00192 U	NA	<0.00178 U	NA	<0.00188 U	NA	<0.00188 U	NA	<0.00199 U	NA	<0.0017 U	NA	<0.00184 U	NA	<0.00199 U	
Gamma BHC (Lindane)	58-69-9	0.1	1.3	mg/kg	NA	<0.000892 U	NA	<0.000799 U	NA	<0.000744 U	NA	<0.000762 U	NA	<0.000765 U	NA	<0.00083 U	NA	<0.000709 U	NA	<0.000671 U	NA	<0.00063 U	
Gamma Chlordane (Trans)	5103-74-2	NS	NS	mg/kg	NA	<0.00268 U	NA	<0.0024 U	NA	<0.00223 U	NA	<0.00235 U	NA	<0.00235 U	NA	<0.00249 U	NA	0.000579 J	NA	<0.0023 U	NA	<0.00249 U	
Heptachlor	76-44-8	0.042	2.1	mg/kg	NA	<0.00107 U	NA	<0.000959 U	NA	<0.000939 U	NA	<0.000993 U	NA	<0.000993 U	NA	<0.000997 U	NA	<0.00098 U	NA	<0.000921 U	NA	<0.000996 U	
Heptachlor Epoxide	1024-57-3	NS	NS	mg/kg	NA	<0.00401 U	NA	<0.0036 U	NA	<0.00336 U	NA	<0.00353 U	NA	<0.00353 U	NA	<0.00374 U	NA	<0.00319 U	NA	<0.00345 U	NA	<0.00374 U	
Methoxychlor	72-43-6	NS	NS	mg/kg	NA	<0.00401 U	NA	<0.0036 U	NA	<0.00336 U	NA	<0.00353 U	NA	<0.00353 U	NA	<0.00374 U	NA	<0.00319 U	NA	<0.00345 U	NA	<0.00374 U	
Toxaphene	8001-35-2	NS	NS	mg/kg	NA	<0.00401 U	NA	<0.0036 U	NA	<0.00336 U	NA	<0.00353 U	NA	<0.00353 U	NA	<0.00374 U	NA	<0.00319 U	NA	<0.00345 U	NA	<0.00374 U	
Polychlorinated Biphenyl																							
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1249 (Aroclor 1249)	12672-29-6	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1254 (Aroclor 1254)	11097-68-1	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1262 (Aroclor 1262)	37324-23-5	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
PCB-1268 (Aroclor 1268)	11100-14-4	NS	NS	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Total PCBs	1336-36-3	0.1	1	mg/kg	NA	NA	NA	<0.0579 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Metals																							
Aluminum	7429-90-5	NS	NS	mg/kg	7,780	11,500	14,800	3,820	6,810	4,580	18,200	5,800	14,200	5,870	5,160	6,300	4,200	6,700	7,360	6,250	6,940	9,700	
Antimony	7440-36-0	NS	NS	mg/kg	<1.34 U	0.509 J	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	<1.34 U	0.772 J	0.399 J	0.976 J	<1.34 U	
Arsenic	7440-38-2	13	16	mg/kg	5.64	8.81	3.46	2.51	4.15	2.04	4.51	2.49	1.57	1.79	3.69	3.72 J	3.18	6.33	5.49	5.44	4.82	4.5	
Barium	7440-39-3	350	400	mg/kg	73.3	172	102	16.8	70.8	106	80.9	150	69.1	135	81.6	106	25.4	110	70.2	120	109	54.2	
Beryllium	7440-41-7	7.2	72	mg/kg	0.39 J	0.589	0.601	0.196 J	0.364 J	0.208 J	0.824	0.266 J	0.53	0.228 J	0.325 J	0.292 J	0.253 J	0.411 J	0.372 J	0.287 J	0.26 J	0.318 J	
Cadmium	7440-43-9	2.5	4.3	mg/kg	<0.987 U	0.144 J	<0.988 U	<0.982 U	<0.987 U	<0.985 U	0.126 J	<0.985 U	0.123 J	<0.98 U	<1.04 U	<1.06 U	<1.06 U	<1.06 U	<1.06 U	<0.983 U	<0.982 U	<1.06 U	
Calcium	7440-70-2	NS	NS	mg/kg	68,900	20,100	5,210	43,800	139,000	47,000	4,010	63,400	3,920	54,600	160,000	121,000	139,000	115,000	46,300	59,400	90,600	110,000	
Chromium, Hexavalent	18540-29-9	1	110	mg/kg	<0.891 U	<1.1 U	<0.892 U	<0.891 U	<0.897 U	<0.897 U	0.238 J	<0.894 U	<0.879 U	<0.893 U	<0.895 U	<1.05 U	<0.895 U	<0.872 U	<0.909 U	<0.894 U	<0.895 U	0.908 J	
Chromium, Total	7440-47-3	NS	NS	mg/kg	19	18.2	20.9	6.68	14.2	7.58	27.1	9.64	21	9.13	88.1	11.8	32.7	11.2	19.7	9.76	14.4	17.2	
Chromium, Trivalent	16965-83-1	30	180	mg/kg	19	18.2	20.9	6.68	14.2	7.58	26.9 J	9.64	21	9.13	88.1	11.8	32.7	11.2	19.7	9.76	14.4	16.3 J	
Cobalt	7440-48-4	NS	NS	mg/kg	6.66	9.6	10	4.79	5.49	4.35	12.9	6.76	7.52	4.77	3.56	6.69 J	4.4	6.49	6.29	7.56	6.04	7.48	
Copper	7440-50-8	50	270	mg/kg	29.7	72.6	12.3	12.9	20.8	12.4	26	12.6	14.5	14	7.66	24.5	11.9	23.9	23.2	15	33	24.3	
Iron	7439-89-6	NS	NS	mg/kg	15,500	21,300	20,700	10,800	12,800	9,820	29,000	16,600	12,400	10,400	16,100	9,700	14,200	14,700	12,900	13,700	19,500		
Lead	7439-92-1	63	400	mg/kg	91.5	502	14.7	4.21 J	39.1	4.02 J	12.2	5.66	5.19	2.97 J	8.58	21.2 J	22.7	25.8	58.2	6.94	129	7.26 J	
Magnesium	7439-95-4	NS	NS	mg/kg	26,300	9,330	5,690	13,100	15,900	18,200	7,320	21,600	5,790	18,900	27,200	59,000	22,100	38,100	12,900	23,000	28,000	57,900	
Manganese	7439-96-5	1600	2000	mg/kg	330	453	165	210	348	206	516	469	149	254	221	338	216</						

Table F-1
Brownfield Cleanup Program Application
Soil Sample Analytical Results

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East Adams Redevelopment - Phase Three Area
Syracuse, New York
Langan Project No.: 170859701

Notes:

CAS - Chemical Abstract Service

NS - No standard

mg/kg - milligram per kilogram

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

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

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

P - The relative percent difference (RPD) between the results for the two columns exceeds the method-specified criteria.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs

10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table F-2
Brownfield Cleanup Program Application
Groundwater Sample Analytical Results

East Adams Redevelopment Phase Three Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW04
			Sample Name	MW01_092524	MW02_092524	MW04_092524
			Sample Date	09/25/2024	09/25/2024	09/25/2024
			Unit	Result	Result	Result
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<1.5 U	<1.5 U	<1.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	<2 U	<2 U	<2 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<2 U	<2 U	<2 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<1 U	<1 U	<1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2.5 U	<2.5 U	<2.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2.5 U	<2.5 U	<2.5 U
1,4-Diethyl Benzene	105-05-5	NS	ug/l	<2 U	<2 U	<2 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<250 U	<250 U	<250 U
2,2-Dichloropropane	594-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	<5 U	<5 U	<5 U
4-Chlorotoluene	106-43-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U
4-Ethyltoluene	622-96-8	NS	ug/l	<2 U	<2 U	<2 U
Acetone	67-64-1	50	ug/l	<5 U	4.5 J	<5 U
Acrylonitrile	107-13-1	5	ug/l	<5 U	<5 U	<5 U
Benzene	71-43-2	1	ug/l	<0.5 U	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Bromochloromethane	74-97-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 U	<0.5 U	<0.5 U
Bromoform	75-25-2	50	ug/l	<2 U	<2 U	<2 U
Bromomethane	74-83-9	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Carbon Disulfide	75-15-0	60	ug/l	<5 U	<5 U	<5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Chloroethane	75-00-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Chloroform	67-66-3	7	ug/l	<2.5 U	<2.5 U	<2.5 U
Chloromethane	74-87-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U
Cymene	99-87-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<5 U	<5 U	<5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<5 U	<5 U	<5 U
Diethyl Ether (Ethyl Ether)	60-29-7	NS	ug/l	<2.5 U	<2.5 U	<2.5 U
Ethylbenzene	100-41-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Isopropylbenzene (Cumene)	98-82-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
M,P-Xylene	179601-23-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<5 U	<5 U	<5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<5 U	<5 U	<5 U
Methylene Chloride	75-09-2	5	ug/l	<2.5 U	<2.5 U	<2.5 U
n-Butylbenzene	104-51-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
n-Propylbenzene	103-65-1	5	ug/l	<2.5 U	<2.5 U	<2.5 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Sec-Butylbenzene	135-98-8	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Styrene	100-42-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U
T-Butylbenzene	98-06-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Tert-Butyl Methyl Ether	1634-04-4	10	ug/l	<2.5 U	0.34 J	<2.5 U
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Total 1,2-Dichloroethene (Cis and Trans)	540-59-0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U
Total Xylenes	1330-20-7	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	542-75-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U
Trans-1,4-Dichloro-2-Butene	110-57-6	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<2.5 U	<2.5 U	<2.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<5 U	<5 U	<5 U
Vinyl Chloride	75-01-4	2	ug/l	<1 U	<1 U	<1 U

Table F-2
Brownfield Cleanup Program Application
Groundwater Sample Analytical Results

East Adams Redevelopment Phase Three Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW04
			Sample Name	MW01_092524	MW02_092524	MW04_092524
			Sample Date	09/25/2024	09/25/2024	09/25/2024
Semi-Volatile Organic Compounds						
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<10 U	<10 U	<10 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5 U	<5 U	<5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<2 U	<2 U	<2 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<2 U	<2 U	<2 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<2 U	<2 U	<2 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5 U	<5 U	<5 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5 U	<5 U	<5 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5 U	<5 U	<5 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5 U	<5 U	<5 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<20 U	<20 U	<20 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5 U	<5 U	<5 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5 U	<5 U	<5 U
2-Chloronaphthalene	91-58-7	10	ug/l	<0.2 U	<0.2 U	<0.2 U
2-Chlorophenol	95-57-8	NS	ug/l	<2 U	<2 U	<2 U
2-Methylnaphthalene	91-57-6	NS	ug/l	<0.1 U	<0.1 U	<0.1 U
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5 U	<5 U	<5 U
2-Nitroaniline	88-74-4	5	ug/l	<5 U	<5 U	<5 U
2-Nitrophenol	88-75-5	NS	ug/l	<10 U	<10 U	<10 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5 U	<5 U	<5 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5 U	<5 U	<5 U
3-Nitroaniline	99-09-2	5	ug/l	<5 U	<5 U	<5 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<10 U	<10 U	<10 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<2 U	<2 U	<2 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<2 U	<2 U	<2 U
4-Chloroaniline	106-47-8	5	ug/l	<5 U	<5 U	<5 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<2 U	<2 U	<2 U
4-Nitroaniline	100-01-6	5	ug/l	<5 U	<5 U	<5 U
4-Nitrophenol	100-02-7	NS	ug/l	<10 U	<10 U	<10 U
Acenaphthene	83-32-9	20	ug/l	<0.1 U	<0.1 U	<0.1 U
Acenaphthylene	208-96-8	NS	ug/l	<0.1 U	<0.1 U	<0.1 U
Acetophenone	98-86-2	NS	ug/l	<5 U	<5 U	<5 U
Anthracene	120-12-7	50	ug/l	<0.1 U	<0.1 U	<0.1 U
Benzo(a)anthracene	56-55-3	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U
Benzo(a)pyrene	50-32-8	0	ug/l	<0.1 U	<0.1 U	<0.1 U
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.1 U	<0.1 U	<0.1 U
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U
Benzoic Acid	65-85-0	NS	ug/l	<50 U	<50 U	<50 U
Benzyl Alcohol	100-51-6	NS	ug/l	<2 U	<2 U	<2 U
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5 U	<5 U	<5 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<2 U	<2 U	<2 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5 U	<5 U	<5 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<2 U	<2 U	<2 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<2 U	<2 U	<2 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	ug/l	<3 U	<3 U	<3 U
Carbazole	86-74-8	NS	ug/l	<2 U	<2 U	<2 U
Chrysene	218-01-9	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.1 U	<0.1 U	<0.1 U
Dibenzofuran	132-64-9	NS	ug/l	<2 U	<2 U	<2 U
Dibutyl phthalate	84-74-2	50	ug/l	2.8 J	<5 U	<5 U
Diethyl phthalate	84-66-2	50	ug/l	<5 U	<5 U	<5 U
Dimethyl phthalate	131-11-3	50	ug/l	<5 U	<5 U	<5 U
Diocetyl phthalate	117-84-0	50	ug/l	<5 U	<5 U	<5 U
Fluoranthene	206-44-0	50	ug/l	<0.1 U	<0.1 U	<0.1 U
Fluorene	86-73-7	50	ug/l	<0.1 U	<0.1 U	<0.1 U
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.8 U	<0.8 U	<0.8 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 U	<0.5 U	<0.5 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<20 U	<20 U	<20 U
Hexachloroethane	67-72-1	5	ug/l	<0.8 U	<0.8 U	<0.8 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	<0.1 U	<0.1 U	<0.1 U
Isophorone	78-59-1	50	ug/l	<5 U	<5 U	<5 U
Naphthalene	91-20-3	10	ug/l	0.1 J	<0.1 U	<0.1 U
Nitrobenzene	98-95-3	0.4	ug/l	<2 U	<2 U	<2 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5 U	<5 U	<5 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<2 U	<2 U	<2 U
Pentachlorophenol	87-86-5	1	ug/l	<0.8 U	<0.8 U	<0.8 U
Phenanthrene	85-01-8	50	ug/l	<0.1 U	<0.1 U	<0.1 U
Phenol	108-95-2	1	ug/l	<5 U	<5 U	<5 U
Pyrene	129-00-0	50	ug/l	<0.1 U	<0.1 U	<0.1 U

Table F-2
Brownfield Cleanup Program Application
Groundwater Sample Analytical Results

East Adams Redevelopment Phase Three Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW04
			Sample Name	MW01_092524	MW02_092524	MW04_092524
			Sample Date	09/25/2024	09/25/2024	09/25/2024
			Unit	Result	Result	Result
Pesticides						
4,4'-DDD	72-54-8	0.3	ug/l	<0.029 U	<0.029 U	<0.029 U
4,4'-DDE	72-55-9	0.2	ug/l	<0.029 U	<0.029 U	<0.029 U
4,4'-DDT	50-29-3	0.2	ug/l	<0.029 U	<0.029 U	<0.029 U
Aldrin	309-00-2	0	ug/l	<0.014 U	<0.014 U	<0.014 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.014 U	<0.014 U	<0.014 U
Alpha Chlordane	5103-71-9	NS	ug/l	<0.014 U	<0.014 U	<0.014 U
Alpha Endosulfan	959-98-8	NS	ug/l	<0.014 U	<0.014 U	<0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U
Beta Endosulfan	33213-65-9	NS	ug/l	<0.029 U	<0.029 U	<0.029 U
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.143 U	<0.143 U	<0.143 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U
Dieldrin	60-57-1	0.004	ug/l	<0.029 U	<0.029 U	<0.029 U
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.029 U	<0.029 U	<0.029 U
Endrin	72-20-8	0	ug/l	<0.029 U	<0.029 U	<0.029 U
Endrin Aldehyde	7421-93-4	5	ug/l	<0.029 U	<0.029 U	<0.029 U
Endrin Ketone	53494-70-5	5	ug/l	<0.029 U	<0.029 U	<0.029 U
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.014 U	<0.014 U	<0.014 U
Gamma Chlordane (Trans)	5103-74-2	NS	ug/l	<0.014 U	<0.014 U	<0.014 U
Heptachlor	76-44-8	0.04	ug/l	<0.014 U	<0.014 U	<0.014 U
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.014 U	<0.014 U	<0.014 U
Methoxychlor	72-43-5	35	ug/l	<0.143 U	<0.143 U	<0.143 U
Toxaphene	8001-35-2	0.06	ug/l	<0.143 U	<0.143 U	<0.143 U
Polychlorinated Biphenyl						
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1262 (Aroclor 1262)	37324-23-5	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
PCB-1268 (Aroclor 1268)	11100-14-4	NS	ug/l	<0.071 U	<0.071 U	<0.071 U
Total PCBs	1336-36-3	0.09	ug/l	<0.071 U	<0.071 U	<0.071 U
Metals - Dissolved						
Aluminum	7429-90-5	NS	ug/l	4.39 J	5.77 J	6.2 J
Antimony	7440-36-0	3	ug/l	<4 U	<4 U	<4 U
Arsenic	7440-38-2	25	ug/l	2.39	2.17	0.25 J
Barium	7440-39-3	1000	ug/l	86.63	136.8	102
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	130,000	219,000	112,000
Chromium, Total	7440-47-3	50	ug/l	<1 U	<1 U	<1 U
Cobalt	7440-48-4	NS	ug/l	0.54	1.57	0.39 J
Copper	7440-50-8	200	ug/l	0.76 J	0.88 J	1.89
Iron	7439-89-6	300	ug/l	<50 U	<50 U	<50 U
Lead	7439-92-1	25	ug/l	<1 U	<1 U	<1 U
Magnesium	7439-95-4	35000	ug/l	24,700	41,000	21,600
Manganese	7439-96-5	300	ug/l	413.7	911.6	188
Mercury	7439-97-6	0.7	ug/l	0.2	0.14 J	<0.2 U
Nickel	7440-02-0	100	ug/l	0.77 J	3.49	1.01 J
Potassium	7440-09-7	NS	ug/l	3,360	1,970	10,900
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	2.24 J
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	20000	ug/l	37,000	336,000	9,500
Thallium	7440-28-0	0.5	ug/l	<1 U	<1 U	<1 U
Vanadium	7440-62-2	NS	ug/l	<5 U	<5 U	<5 U
Zinc	7440-66-6	2000	ug/l	<10 U	<10 U	<10 U
Metals - Total						
Aluminum	7429-90-5	NS	ug/l	6.32 J	6.99 J	38.3
Antimony	7440-36-0	3	ug/l	<4 U	<4 U	<4 U
Arsenic	7440-38-2	25	ug/l	2.85	1.88	0.25 J
Barium	7440-39-3	1000	ug/l	93.54	133.9	102.2
Beryllium	7440-41-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U
Cadmium	7440-43-9	5	ug/l	<0.2 U	<0.2 U	<0.2 U
Calcium	7440-70-2	NS	ug/l	133,000	221,000	114,000
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	0.27 J	0.54 J	0.27 J
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	<10 U	<10 U
Cobalt	7440-48-4	NS	ug/l	0.5	1.44	0.41 J
Copper	7440-50-8	200	ug/l	0.67 J	0.97 J	1.72
Iron	7439-89-6	300	ug/l	458	57.5	77.2
Lead	7439-92-1	25	ug/l	<1 U	<1 U	<1 U
Magnesium	7439-95-4	35000	ug/l	24,200	40,100	21,300
Manganese	7439-96-5	300	ug/l	394	828.4	182.2
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	0.84 J	3.3	1.04 J
Potassium	7440-09-7	NS	ug/l	3,470	2,220	10,900
Selenium	7782-49-2	10	ug/l	<5 U	<5 U	2.55 J
Silver	7440-22-4	50	ug/l	<0.4 U	<0.4 U	<0.4 U
Sodium	7440-23-5	20000	ug/l	38,300	322,000	9,270
Thallium	7440-28-0	0.5	ug/l	<1 U	<1 U	<1 U
Vanadium	7440-62-2	NS	ug/l	<5 U	<5 U	<5 U
Zinc	7440-66-6	2000	ug/l	<10 U	<10 U	<10 U

Table F-2
Brownfield Cleanup Program Application
Groundwater Sample Analytical Results

Page 4 of 4

East Adams Redevelopment Phase Three Area
Syracuse, New York
Langan Project No.: 170859701

Notes:

CAS - Chemical Abstract Service

NS - No standard

ug/l - microgram per liter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10	- Result exceeds NYSDEC SGVs
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Table F-3
Brownfield Cleanup Program Application
Soil Vapor Sample Analytical Results

East Adams Redevelopment Phase Three Area
Syracuse, New York
Langan Project No.: 170859701

Analyte	CAS Number	NYSDOH Decision Matrices Minimum Concentrations	Location	AA01	SV01	SV02	SV04	SV05
			Sample Name	AA01_091924	SV01_091924	SV02_091924	SV04_091924	SV05_091924
			Sample Date	09/19/2024	09/19/2024	09/19/2024	09/19/2024	09/19/2024
			Sample Type	AA	SV	SV	SV	SV
			Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds								
1,1,1-Trichloroethane	71-55-6	100	ug/m3	<1.09 U	6.17	37.2	18.3	14.8
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.37 U	<1.5 U	<12.6 U	<6.87 U	<7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.53 U	<1.68 U	<14 U	<7.66 U	<7.82 U
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.09 U	<1.19 U	<9.98 U	<5.46 U	<5.57 U
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.809 U	<0.886 U	<7.41 U	<4.05 U	<4.13 U
1,1-Dichloroethene	75-35-4	6	ug/m3	<0.793 U	<0.868 U	<7.26 U	<3.96 U	<4.04 U
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.48 U	<1.63 U	<13.6 U	<7.42 U	<7.57 U
1,2,4-Trimethylbenzene	95-63-6	60	ug/m3	<0.983 U	1.15	<9 U	<4.92 U	<5.01 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.54 U	<1.68 U	<14.1 U	<7.69 U	<7.84 U
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<1.2 U	<1.32 U	<11 U	<6.01 U	<6.13 U
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.809 U	6.44	<7.41 U	<4.05 U	<4.13 U
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.924 U	<1.01 U	<8.46 U	<4.62 U	<4.71 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.4 U	<1.53 U	<12.8 U	<6.99 U	<7.13 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	60	ug/m3	<0.983 U	<1.08 U	<9 U	<4.92 U	<5.01 U
1,3-Butadiene	106-99-0	NS	ug/m3	<0.442 U	6.28	<4.05 U	3.54	<2.26 U
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<1.2 U	3.92	18	17.6	12.1
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<1.2 U	<1.32 U	<11 U	<6.01 U	<6.13 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<0.721 U	1.41	<6.59 U	<3.6 U	<3.68 U
2,2,4-Trimethylpentane	540-84-1	60	ug/m3	<0.934 U	8.73	<8.55 U	<4.67 U	11.3
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<0.82 U	3.31	8.77	<4.1 U	18.6
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.983 U	<1.08 U	<9 U	<4.92 U	<5.01 U
Acetone	67-64-1	NS	ug/m3	11.5	1,360	943	359	387
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<0.626 U	<0.685 U	<5.73 U	<3.13 U	<3.19 U
Benzene	71-43-2	60	ug/m3	<0.639 U	101	112	42.2	85
Benzyl Chloride	100-44-7	NS	ug/m3	<1.04 U	<1.13 U	<9.48 U	<5.18 U	<5.28 U
Bromodichloromethane	75-27-4	NS	ug/m3	<1.34 U	<1.47 U	<12.3 U	<6.7 U	<6.83 U
Bromoethene	593-60-2	NS	ug/m3	<0.874 U	<0.958 U	<8 U	<4.37 U	<4.46 U
Bromoforn	75-25-2	NS	ug/m3	<2.07 U	<2.26 U	<18.9 U	<10.3 U	<10.5 U
Bromomethane	74-83-9	NS	ug/m3	<0.777 U	<0.85 U	<7.11 U	<3.88 U	<3.96 U
Carbon Disulfide	75-15-0	NS	ug/m3	<0.623 U	51.1	23.5	8.38	31.5
Carbon Tetrachloride	56-23-5	6	ug/m3	<1.26 U	1.55	<11.5 U	<6.29 U	<6.42 U
Chlorobenzene	108-90-7	NS	ug/m3	<0.921 U	<1.01 U	<8.43 U	<4.61 U	<4.7 U
Chloroethane	75-00-3	NS	ug/m3	<0.528 U	3.8	<4.83 U	<2.64 U	<2.69 U
Chloroform	67-66-3	NS	ug/m3	<0.977 U	1.6	<8.94 U	5.96	<4.98 U
Chloromethane	74-87-3	NS	ug/m3	1.1	6.9	<3.78 U	2.35	<2.11 U
Cis-1,2-Dichloroethene	156-59-2	6	ug/m3	<0.793 U	<0.868 U	<7.26 U	<3.96 U	<4.04 U
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.908 U	<0.994 U	<8.31 U	<4.54 U	<4.63 U
Cyclohexane	110-82-7	60	ug/m3	<0.688 U	11.8	100	<3.44 U	10.5
Dibromochloromethane	124-48-1	NS	ug/m3	<1.7 U	<1.87 U	<15.6 U	<8.52 U	<8.69 U
Dichlorodifluoromethane	75-71-8	NS	ug/m3	2.37	2.15	<9.05 U	5.24	7.27
Ethanol	64-17-5	NS	ug/m3	<9.42 U	475	782	454	332
Ethyl Acetate	141-78-6	NS	ug/m3	<1.8 U	<1.97 U	<16.5 U	<9.01 U	<9.15 U
Ethylbenzene	100-41-4	60	ug/m3	<0.869 U	<0.951 U	<7.95 U	<4.34 U	<4.43 U
Hexachlorobutadiene	87-68-3	NS	ug/m3	<2.13 U	<2.34 U	<19.5 U	<10.7 U	<10.9 U
Isopropanol	67-63-0	NS	ug/m3	3.02	2,230	1,410	2,030	855
M,P-Xylene	179601-23-1	200	ug/m3	<1.74 U	<1.9 U	<15.9 U	<8.69 U	<8.82 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	<1.47 U	3,300	1,180	221	631
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<2.05 U	19.6	<18.8 U	17.5	13.5
Methylene Chloride	75-09-2	100	ug/m3	<1.74 U	2.35	<15.9 U	<8.69 U	<8.82 U
Naphthalene	91-20-3	60	ug/m3	<1.05 U	<1.15 U	<9.6 U	<5.24 U	<5.35 U
n-Heptane	142-82-5	200	ug/m3	<0.82 U	8.2	116	<4.1 U	7.21
n-Hexane	110-54-3	200	ug/m3	0.726	45.8	352	10.1	88.5
o-Xylene (1,2-Dimethylbenzene)	95-47-6	60	ug/m3	<0.869 U	<0.951 U	<7.95 U	<4.34 U	<4.43 U
Styrene	100-42-5	NS	ug/m3	<0.852 U	1.67	<7.79 U	<4.26 U	<4.34 U
Tert-Butyl Alcohol	75-65-0	NS	ug/m3	<1.52 U	79.1	114	54	58.8
Tert-Butyl Methyl Ether	1634-04-4	NS	ug/m3	<0.721 U	<0.79 U	<6.6 U	<3.61 U	<3.68 U
Tetrachloroethene (PCE)	127-18-4	100	ug/m3	<1.36 U	<1.49 U	<12.4 U	<6.78 U	<6.92 U
Tetrahydrofuran	109-99-9	NS	ug/m3	<1.47 U	2.04	<13.5 U	<7.37 U	<7.49 U
Toluene	108-88-3	300	ug/m3	1.56	24	41.1	17.3	46.4
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.793 U	<0.868 U	<7.26 U	<3.96 U	<4.04 U
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.908 U	<0.994 U	<8.31 U	<4.54 U	<4.63 U
Trichloroethene (TCE)	79-01-6	6	ug/m3	<1.07 U	1.66	<9.83 U	<5.37 U	16.1
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.28	<1.23 U	<10.3 U	<5.62 U	<5.73 U
Vinyl Chloride	75-01-4	6	ug/m3	<0.511 U	1.32	<4.68 U	<2.56 U	<2.61 U

Table F-3
Brownfield Cleanup Program Application
Soil Vapor Sample Analytical Results

Page 2 of 2

East Adams Redevelopment Phase Three Area
Syracuse, New York
Langan Project No.: 170859701

Notes:

AA - Ambient Air

SV - Soil Vapor

CAS - Chemical Abstract Service

NS - No standard

ug/m3 - microgram per cubic meter

NA - Not analyzed

RL - Reporting limit

<RL - Not detected

Soil vapor sample analytical results are compared to the minimum soil vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017 and February 2024).

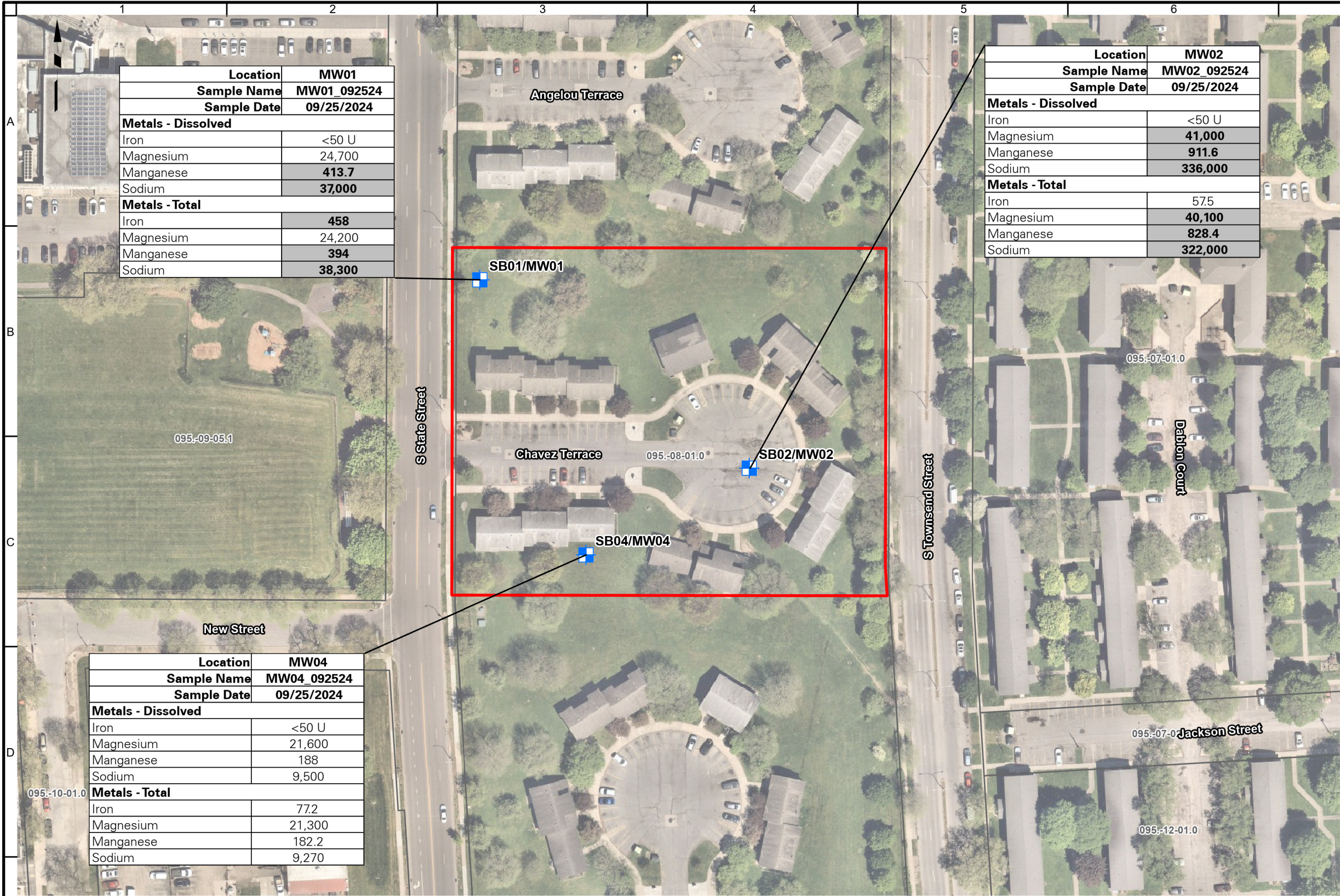
Ambient air sample analytical results are shown for reference only.

Qualifiers:

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - NYSDOH Decision Matrices Minimum Concentrations



Legend

Soil Boring/Monitoring Well Location

Tax Parcel

Approximate Site Boundary

Analyte	NYSDEC SGVs
Metals - Dissolved	
Iron	300
Magnesium	35000
Manganese	300
Sodium	20000
Metals - Total	
Iron	300
Magnesium	35000
Manganese	300
Sodium	20000

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Notes:

1. Aerial imagery provided through Langan's subscription to NearMap.com, flown 5/7/2024.

2. All locations shown are approximate.

3. Tax parcel data provided by Onondaga County and New York State GIS.

4. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

4. ug/l - microgram per liter

5. RL - Reporting limit

6. <RL - Not detected

Qualifiers:

U - The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

J - The analyte was detected above the method detection limit (MDL), but below the RL; therefore, the result is an estimated concentration.

WARNING: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.



LANGAN

Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.

368 Ninth Avenue, 8th Floor
New York, NY 10001-2727

T: 212.479.5400 F: 212.479.5444 www.langan.com

Project

**EAST ADAMS
REDEVELOPMENT
PHASE THREE AREA**

BLOCK No. 08, p/o LOT No. 01.0
SYRACUSE

ONONDAGA COUNTY NEW YORK

Figure Title

**GROUNDWATER
SAMPLE
ANALYTICAL
RESULTS MAP**

Project No.
170859701

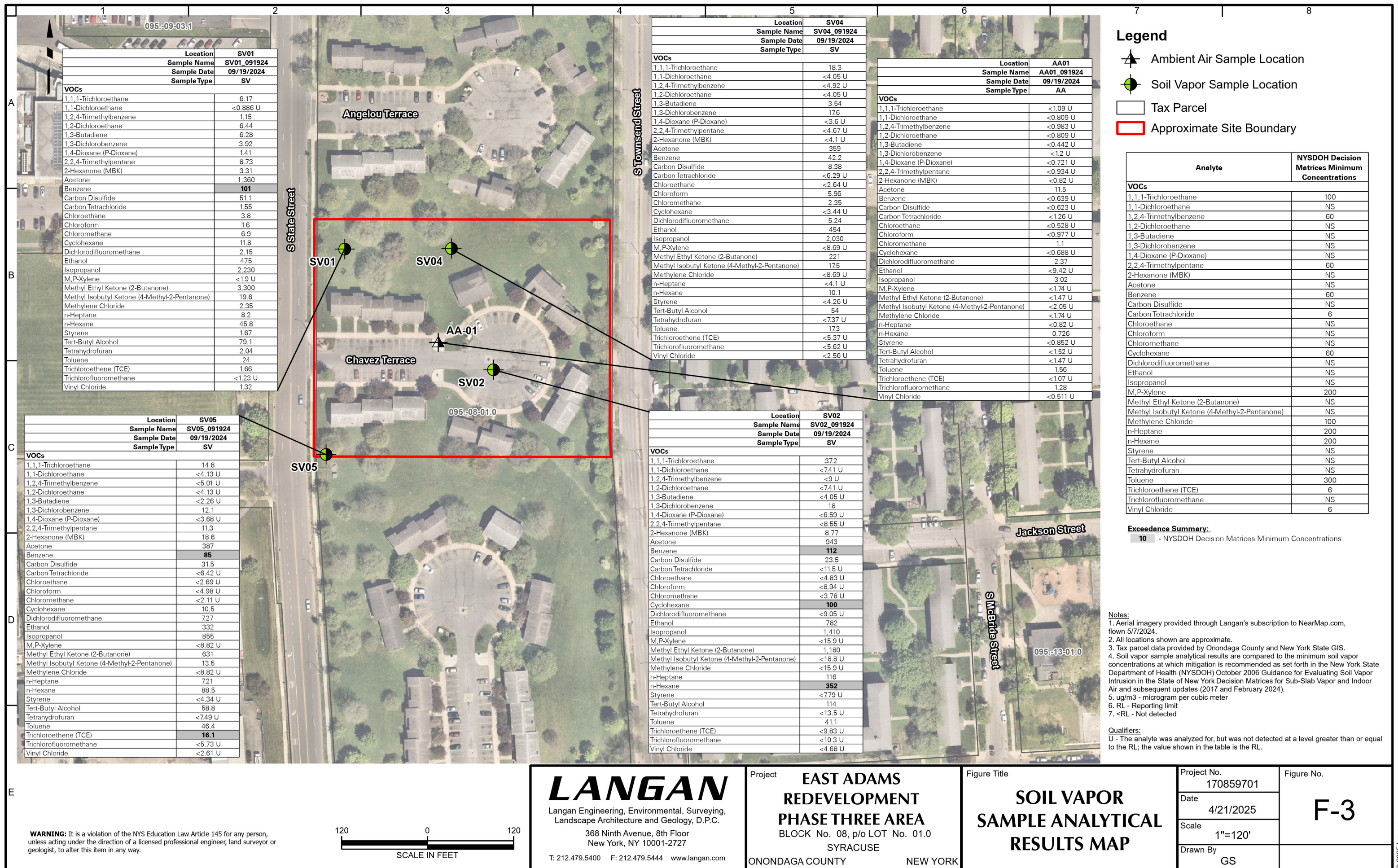
Date
4/21/2025

Scale
1"=100'

Drawn By
GS

Figure No.

F-2



ATTACHMENT G

SECTION VII: REQUESTOR INFORMATION

The Requestor, East Adams Phase III, L.P., is a New York limited partnership and the developer of the proposed Brownfield Cleanup Program (BCP) property located at 200 Chavez Terrace and identified as part of Onondaga County Tax Parcel ID Section 095, Block 08, Lot 01.0 (herein referred to as “the site”). A copy of the New York State Department of State Division of Corporations entity information for East Adams Phase III, L.P. (herein referred to as the “Requestor”) is included with this attachment.

The Requestor is not the current owner of the site; however, the Requestor was contracted by the current site owner, Syracuse Housing Authority, to develop the property. There is no other relationship between the Requestor’s corporate members and the current owner besides the above.

The Requestor certifies it is a Volunteer. A letter from Syracuse Housing Authority indicating that they have granted site access to the Requestor throughout the course of the BCP is attached.



Department of State

Division of Corporations

Entity Information

[Return to Results](#)[Return to Search](#)

Entity Details



ENTITY NAME: EAST ADAMS PHASE III, L.P.

DOS ID: 6688838

FOREIGN LEGAL NAME:

FICTITIOUS NAME:

ENTITY TYPE: DOMESTIC LIMITED PARTNERSHIP

DURATION DATE/LATEST DATE OF DISSOLUTION: 12/31/2123

SECTION OF LAW: LIMITED PARTNERSHIP - 121-201 PARTNERSHIP LAW - PARTNERSHIP LAW

ENTITY STATUS: ACTIVE

DATE OF INITIAL DOS FILING: 01/04/2023

REASON FOR STATUS:

EFFECTIVE DATE INITIAL FILING: 01/04/2023

INACTIVE DATE:

FOREIGN FORMATION DATE:

STATEMENT STATUS:

COUNTY: ONONDAGA

NEXT STATEMENT DUE DATE:

JURISDICTION: NEW YORK, UNITED STATES

NFP CATEGORY:

[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: C/O C T CORPORATION SYSTEM

Address: 28 LIBERTY STREET, NEW YORK, NY, UNITED STATES, 10005

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:

Farmcorpflag

Is The Entity A Farm Corporation: NO

Stock Information

Share Value

Number Of Shares

Value Per Share

[Agencies](#)[App Directory](#)[Counties](#)[Events](#)[Programs](#)[Services](#)

**East Adams Phase III, L.P.
100 North Broadway, Ste. 100
St. Louis, MO 63102**

December 3, 2024

William Simmons
Syracuse Housing Authority (SHA)
516 Burt Street
Syracuse, NY 13202

Re: Site Access for Brownfield Cleanup Program Work
East Adams Redevelopment – Phase Three Area
200 Chavez Terrace
Syracuse, New York

Dear Mr. Simmons:

As you are aware, East Adams Phase III, L.P. will be submitting an application to the Brownfield Cleanup Program (BCP) for the East Adams Redevelopment – Phase Three Area located at 200 Chavez Terrace in Syracuse, New York ("the site"). The site is currently owned by SHA. As the BCP applicant, we are required to seek access from the current property owner for acceptance into the BCP. In order to file the application, we need written permission from you to access the site throughout the BCP Project. Additionally, the selected remedy may require the imposition of an environmental easement. By execution of this site access agreement letter, you are hereby allowing site access for this purpose, and agreeing to the imposition of an environmental easement if deemed necessary.

Sincerely,
Michael Saunders

By: 
Michael Saunders, Vice President
East Adams Phase III, L.P.

As owner of the site, I agree to allow East Adams Phase III, L.P. and its contractors, to access the above referenced property currently owned by SHA to perform the required BCP investigation work, remediation, and to place an easement of the site if determined to be necessary.

By: 
William Simmons, Executive Director
Syracuse Housing Authority

ATTACHMENT H

SECTION X: REQUESTOR ELIGIBILITY INFORMATION

Requestor Eligibility Statement

East Adams Phase III, L.P. is properly designated as a Volunteer because its liability arises solely from the recent involvement as a potential developer and long-term lessee of the property. There is no indication of any contribution to or exacerbation of site conditions during the time of Requestors involvement with the site.

The Requestor has taken appropriate care with respect to current site conditions, to prevent any threatened future release, and to prevent or limit human, environmental or natural resource exposures to any previously released contamination. As such, the Requestor qualifies as a Volunteer in the Brownfield Cleanup Program and is prepared to undertake all necessary remediation required to address the identified site contamination.

The Requestor is not the current owner of the site; however, the Requestor was contracted by the current site owner, Syracuse Housing Authority, to develop the property. There is no other relationship between the Requestor's corporate members and the current owner besides the above. A letter from Syracuse Housing Authority indicating that they have granted site access to the Requestor is included in Attachment G.

ATTACHMENT I

SECTION XII: CONTACT LIST INFORMATION

Item 1 – Chief Executive Officer and Zoning Board

Chief Executive Officer

Ben Walsh, Mayor
City Hall
233 East Washington Street
Suite 201
Syracuse, NY 13202
(315) 448-8005

Syracuse Zoning Administration

One Park Place
300 South State Street
Suite 700
Syracuse, NY 13202
(315) 448-8640

Onondaga County Executive

J. Ryan McMahon II, County Executive
John H. Mulroy Civic Center
14th Floor
Syracuse, NY 13202
(315) 435-3516

Onondaga County Department of Planning

Troy W. Waffner, Planning Director
Onondaga County Department of Planning
Carnegie Building
335 Montgomery Street
1st Floor
Syracuse, NY 13202
(315) 435-2611

Item 2 - Residents, Owners, and Occupants, of the Property and Adjacent Properties

Residents, owners, and occupants of the site and properties adjacent to the site

The site is owned by Syracuse Housing Authority and occupied by various residential tenants.

The following is a list of adjacent property owners:

Syracuse Housing Authority	City of Syracuse
100-192 Angelou Terrace, 1031-59 South	201 New Street and 258 Adams Street
Townsend Street, 199-101 Latimer Terrace,	Syracuse, NY 13202
and 218 New Street	
Syracuse, NY 13202	

City of Syracuse and County of Onondaga	NY Susquehanna & W Railway Co
817-35 South State Street	300 East Taylor Street
Syracuse, NY 13202	Syracuse, NY 13202

Item 3 - Local News Media

Local news media from which the community typically obtains information.

WSYR – TV	Syracuse Post-Standard
5904 Bridge Street	220 South Warren Street
East Syracuse, NY 13057	Syracuse, NY 13202
(315) 446-9900	(315) 470-0032

Item 4 - Public Water Supply

City of Syracuse Water Department
Water Administration/Engineering Offices
101 North Beech Street
Syracuse, NY 13210
(315) 473-2608

Item 5 – Request for Contact

We are not aware of any requests for inclusion on the contact list.

Item 6 – Schools and Day Care Facilities

There are no schools or day care facilities located on the site. The following are schools or day care facilities located within ½ mile of the site:

Institute of Technology at Syracuse Central
(about 0.1 miles northwest of the site)
Samantha Maddox, Principal
258 East Adams Street
Syracuse, NY 13202
(315) 435-4300

Cab Horse Commons Day Care Center
(about 0.2 miles west of the site)
Chandra Smith, Director
667 South Salina Street
Syracuse, NY 13202
(315) 479-1113

SUNY Upstate Childcare Center
(about 0.2 miles west of the site)
Ernest J. Mason, Director
650 South Salina Street
Syracuse, NY 13202
(315) 464-4438

Salvation Army Day Care Center
(about 0.2 miles west of the site)
Chandra Smith, Director
667 South Salina Street
Syracuse, NY 13202
(315) 479-1305

Dr. King Pre-K and Elementary School
(about 0.4 miles southeast of the site)
Kuricheses Alexander, Principal
416 E Raynor Ave
Syracuse, NY 13202
(315) 435-4580

Johnson Vocational Center
The Syracuse City School District
(about 0.4 miles northeast of the site)
John Dittmann, Jr., Principal
573 East Genesee Street
Syracuse, NY 13202
(315) 435-4499

Item 7 – Document Repository

A letter was sent to and received from the following source acknowledging and agreeing to act as a document repository for documents generated under the Brownfield Cleanup Program:

Onondaga County Public Libraries: Central Library

Rene Battelle, Branch Manager
447 South Salina Street
Syracuse, NY 13205
(315) 435-1900

reference@onlib.org

Hours

Monday:	8:30 AM – 5:00 PM
Tuesday – Wednesday:	8:30 AM – 7:30 PM
Thursday – Friday:	8:30 AM – 5:00 PM
Saturday:	9:00 AM – 5:00 PM

A letter from the library acknowledging that it agrees to act as a document repository for the project is included in this attachment.

November 20, 2024

Onondaga County Public Libraries: Central Library
447 South Salina Street
Syracuse, New York 13205
(315) 435-1900

**Re: Brownfield Cleanup Program Application
East Adams Phase III, L.P.
200 Chavez Terrace
Syracuse, NY 13202**

To Whom it May Concern:

We represent East Adams Phase III, L.P. in their anticipated New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application for the above-referenced site at 200 Chavez Terrace in Syracuse, New York. It is a NYSDEC requirement that we supply them with a letter certifying that the local library is willing and able to serve as a public repository for all documents pertaining to the cleanup of this property. Please sign below if you are able to certify that your library would be willing and able to act as the public repository for this BCP project.

Sincerely,

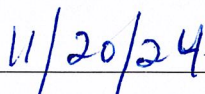
**Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.**



Ali Reach
Senior Staff Geologist

Yes, Onondaga County Public Library: Central Library is willing and able to act as a public repository on behalf of East Adams Phase III, L.P. in their cleanup of 200 Chavez Terrace under the NYSDEC BCP.


(Name)


(Date)


(Title)