

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Delavan Trunk Sewer Improvements Project		
Project Location (describe, and attach a general location map): City of Buffalo		
Brief Description of Proposed Action (include purpose or need): The Buffalo Sewer Authority (the Authority) owns, operates, and maintains the combined sewage collection system within the City of Buffalo, New York. The Authority's Combined Sewer Overflow Long-Term Control Plan (LTCP) was approved by the New York State Department of Environmental Conservation (NYSDEC) and the USEPA in 2014. The LTCP is a multi-year strategy to implement projects to reduce overflows within the Authority's sewer collection system and to ensure that the system reaches target conditions for compliance with the water quality requirements of the federal Clean Water Act. To meet these goals, the Authority is proposing the Delavan Trunk Sewer Improvements Project (the proposed project), which involves upgrades to the Authority's sewer collection system along Florida Street and Spillman Place to control combined sewer overflow (CSO) discharges to Scajaquada Creek. The proposed action consists of two alternatives. Alternative A includes construction and operation of an offline 1.5 Million Gallon deep storage tank located below the Canisius University Surface Parking Lot and an associated above grade building to provide access to supporting electrical equipment and an HVAC vault. Alternative B features an offline 14-ft diameter storage tunnel along with an above grade building for housing electrical equipment and access to supporting tunnel infrastructure.		
Name of Applicant/Sponsor: Buffalo Sewer Authority	Telephone: E-Mail:	
Address: 65 Niagara Square, City Hall Room 1038		
City/PO: Buffalo	State: New York	Zip Code: 14202
Project Contact (if not same as sponsor; give name and title/role): Rosaleen B. Nogle, PE, BCEE, BC.WRE, Principal Sanitary Engineer	Telephone: (716) 851-4664 E-Mail: rnogle@buffalosewer.org	
Address: 65 Niagara Square, City Hall Room 1038		
City/PO: Buffalo	State: New York	Zip Code: 14202
Property Owner (if not same as sponsor): Same as sponsor	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Planning Board or Commission		
c. City, Town or <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Village Zoning Board of Appeals	City of Buffalo: Special Use Permit	Spring 2025
d. Other local agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	City of Buffalo Bureau of Forestry Tree Work Permit; Building Permits	Summer 2025 through Winter 2026
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Erie County Department of Health - Sewer/Wastewater/Construction Permitting	Summer 2025 through Winter 2026
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Attachment A	Spring 2025 through Winter 2026
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources. i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes☒No

- If Yes, complete sections C, F and G.
- If No, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☒Yes☐No **See Attachment A for more information.**

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes☒No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☒Yes☐No

If Yes, identify the plan(s):

NYS Heritage Areas: West Erie Canal Corridor

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes☒No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☒ Yes ☐ No

If Yes, what is the zoning classification(s) including any applicable overlay district?

Zoning for Alternative A is Educational Campus (D-E), Zoning for Alternative B is Educational Campus and Residential (N-3R)

b. Is the use permitted or allowed by a special or conditional use permit? ☒ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☒ No

If Yes,

i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Ferry District as per the Erie County Board of Elections February 2017

b. What police or other public protection forces serve the project site?

The site is served by Buffalo's Police District E.

c. Which fire protection and emergency medical services serve the project site?

Buffalo Fire Department Engine 33 Quarters, ECMC Health Campus - Erie County Medical Center

d. What parks serve the project site?

Delaware Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Retention of combined sewer flow during storm events to reduce CSO's in accordance with BSA's LTCP.

b. a. Total acreage of the site of the proposed action? see Attachment acres

b. Total acreage to be physically disturbed? see Attachment A acres

c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? see Attachment A acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☒ No

i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☒ No

If Yes,

i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No

iii. Number of lots proposed? _____

iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☒ No

i. If No, anticipated period of construction: _____ months

Alternative A: 24 months

Alternative B: 36 months

ii. If Yes:

- Total number of phases anticipated _____

- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year

- Anticipated completion date of final phase _____ month _____ year

- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☐ Yes ☒ No
If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? ☒ Yes ☐ No
If Yes,

i. Total number of structures _____ 1

ii. Dimensions (in feet) of largest proposed structure: _____ 10 ft height; _____ 10 ft width; and _____ 20 ft length

iii. Approximate extent of building space to be heated or cooled: _____ 0 square feet

This above ground facility would be constructed for both Alternatives A and B.

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☒ No
If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source. _____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☒ Yes ☐ No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
If Yes:

i. What is the purpose of the excavation or dredging? See Attachment A

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): See Attachment A
- Over what duration of time? See Attachment A

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
See Attachment A

iv. Will there be onsite dewatering or processing of excavated materials? ☒ Yes ☐ No
If yes, describe. See Attachment A

v. What is the total area to be dredged or excavated? _____ See Attachment A acres

vi. What is the maximum area to be worked at any one time? _____ See Attachment A acres

vii. What would be the maximum depth of excavation or dredging? _____ See Attachment A feet

viii. Will the excavation require blasting? ☒ Yes ☐ No

ix. Summarize site reclamation goals and plan: _____

Any temporarily disturbed areas would be restored to their existing conditions for both Alternatives A and B (i.e., roadway and sidewalk repair, grass reseeding, etc.). A tree work permit including any tree removals and/or tree plantings will be obtained in accordance with the requirements of the City of Buffalo Bureau of Forestry.

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐ Yes ☒ No
If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☐ No
If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☐ No
If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? ☐ Yes ☒ No
If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐ Yes ☐ No
If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No
- Do existing lines serve the project site? ☐ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☐ No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☐ No
If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☐ Yes ☒ No
If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐ Yes ☐ No
If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No

<ul style="list-style-type: none"> • Do existing sewer lines serve the project site? _____ • Will a line extension within an existing district be necessary to serve the project? _____ <p>If Yes:</p> <ul style="list-style-type: none"> • Describe extensions or capacity expansions proposed to serve this project: _____ _____ _____ 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
<p>iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? _____</p> <p>If Yes:</p> <ul style="list-style-type: none"> • Applicant/sponsor for new district: _____ • Date application submitted or anticipated: _____ • What is the receiving water for the wastewater discharge? _____ 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans): _____ _____ _____</p>	
<p>vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____ _____ _____</p>	

<p>e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? _____</p> <p>If Yes:</p> <p>i. How much impervious surface will the project create in relation to total size of project parcel? _____ 0 Square feet or _____ 0 acres (impervious surface) _____ 0 Square feet or _____ 0 acres (parcel size)</p> <p>ii. Describe types of new point sources. <u>The proposed action will not create any impervious surface that is not already existing. Stormwater controls and a Stormwater Pollution Prevention Plan will be in place to support construction activities for both Alts.</u></p> <p>iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)? _____ <u>The stormwater runoff will be directed to the local sewer system.</u></p> <p>_____</p> <ul style="list-style-type: none"> • If to surface waters, identify receiving water bodies or wetlands: _____ N/A • Will stormwater runoff flow to adjacent properties? _____ 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<p>iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? _____</p>		
<p>f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? _____</p> <p>If Yes, identify:</p> <p>i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) _____ N/A</p> <p>ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) _____ <u>Yes, generators, dewatering pumps, and a temporary water treatment plant to treat groundwater dewatering effluent for both Alternatives A and B.</u></p> <p>iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) _____ N/A</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<p>g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? _____</p> <p>If Yes:</p> <p>i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) _____</p> <p>ii. In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> • _____ Tons/year (short tons) of Carbon Dioxide (CO₂) • _____ Tons/year (short tons) of Nitrous Oxide (N₂O) • _____ Tons/year (short tons) of Perfluorocarbons (PFCs) • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆) • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs) • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs) 		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Estimate methane generation in tons/year (metric): _____</p> <p>ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____</p>			
<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____</p>			
<p>j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="text-align: center;">A traffic study is being conducted to assess temporary traffic changes such as lane closures during construction, there will be no increase nor changes to traffic during operation.</p> <p>If Yes:</p> <p>i. When is the peak traffic expected (Check all that apply): <input type="checkbox"/> Morning <input type="checkbox"/> Evening <input type="checkbox"/> Weekend <input type="checkbox"/> Randomly between hours of _____ to _____.</p> <p>ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____</p> <p>iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____</p> <p>iv. Does the proposed action include any shared use parking? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____</p> <p>vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>			
<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="text-align: center;">Minor equipment will be powered through the existing electrical grid to support operation of Alternatives A and B.</p> <p>If Yes:</p> <p>i. Estimate annual electricity demand during operation of the proposed action: _____</p> <p>ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____</p> <p>iii. Will the proposed action require a new, or an upgrade, to an existing substation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>l. Hours of operation. Answer all items which apply.</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7 AM- 9 PM, See Attachment A</u> • Saturday: <u>N/A</u> • Sunday: <u>N/A</u> • Holidays: <u>N/A</u> </td> <td style="width: 50%; vertical-align: top;"> <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>N/A</u> • Saturday: <u>N/A</u> • Sunday: <u>N/A</u> • Holidays: <u>N/A</u> </td> </tr> </table>		<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7 AM- 9 PM, See Attachment A</u> • Saturday: <u>N/A</u> • Sunday: <u>N/A</u> • Holidays: <u>N/A</u> 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>N/A</u> • Saturday: <u>N/A</u> • Sunday: <u>N/A</u> • Holidays: <u>N/A</u>
<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7 AM- 9 PM, See Attachment A</u> • Saturday: <u>N/A</u> • Sunday: <u>N/A</u> • Holidays: <u>N/A</u> 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>N/A</u> • Saturday: <u>N/A</u> • Sunday: <u>N/A</u> • Holidays: <u>N/A</u> 		

<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p style="margin-left: 20px;"><u>Noise above ambient level will occur during construction hours (M-F 7am-9pm). A noise study is being completed for both Alternative A and B to adequately assess noise levels. No additional noise will occur during operation, noise levels would remain the same as existing conditions.</u></p> <p>ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">Describe: <u>Alternative A will not require any removal of natural barriers, however Alternative B will include a tree work permit since tree removals and/or tree plantings will be required as part of the project.</u></p>	
<p>n. Will the proposed action have outdoor lighting? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="margin-left: 20px;">Minimal lighting will be required to maintain security around the electrical building.</p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>_____</p> <p>_____</p> <p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="margin-left: 20px;">Describe: _____</p> <p>_____</p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="margin-left: 20px;">If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p> <p>See Attachment A _____</p> <p>_____</p>	
<p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored <u>petroleum to power generators during construction</u></p> <p>ii. Volume(s) _____ TBD per unit time _____ TBD (e.g., month, year)</p> <p>iii. Generally, describe the proposed storage facilities: _____</p> <p>Storage will be in accordance with all applicable regulations with provisions for secondary containment. _____</p>	
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 65%;"> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> Construction: _____ tons per _____ (unit of time) Operation : _____ N/A tons per _____ N/A (unit of time) <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> Construction: <u>Approximately 33,000 tons of soil to be excavated along with above numbers. Excavated soils may be reused onsite or sent to a beneficial reuse facility.</u> Operation: <u>N/A</u> <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> Construction: <u>Other construction/demo wastes not reused on site through beneficial reuse are assumed to be sent to a landfill or recycling facility.</u> Operation: <u>N/A</u> </div> <div style="width: 30%; font-size: small;"> <p>A small quantity of refuse would be generated by the construction site workers and this refuse would be disposed as normal waste by the contractor</p> </div> </div>	

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☒ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☒ Yes ☐ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____
A Phase 1 Environmental Site Assessment will be completed and additional sampling will be completed, as necessary, to characterize potential hazardous wastes that may be encountered. Hazardous materials encountered as part of the project will be properly handled and disposed of offsite.

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____
See response above.

iii. Specify amount to be handled or generated TBD tons/month See response above.

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____
TBD

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☒ Yes ☐ No

If Yes: provide name and location of facility: _____
CWM Chemical Services Hazardous Waste Facility, 625 Broadway, Albany, NY 12233

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☒ Urban ☐ Industrial ☐ Commercial ☐ Residential (suburban) ☐ Rural (non-farm)

☐ Forest ☐ Agriculture ☐ Aquatic ☒ Other (specify): Educational Campus and Residential

ii. If mix of uses, generally describe:
Alternative A is on a education campus parking lot and Alternative B is beneath the E Delavan Avenue right-of-way. Surrounding land uses for both Alternative A and B are residential areas, a park, and mixed-use areas.

b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	Alt A= 0.64, Alt B= 0.94	Alt A= 0.64, Alt B= 0.94	0
• Forested	0	0	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: _____ _____			

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v. Is the project site subject to an institutional control limiting property uses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<ul style="list-style-type: none"> • If yes, DEC site ID number: _____ • Describe the type of institutional control (e.g., deed restriction or easement): _____ • Describe any use limitations: _____ • Describe any engineering controls: _____ • Will the project affect the institutional or engineering controls in place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No • Explain: _____ 	
E.2. Natural Resources On or Near Project Site	
a. What is the average depth to bedrock on the project site? _____ feet	See Attachment A
b. Are there bedrock outcroppings on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %	
c. Predominant soil type(s) present on project site: _____ % _____ % _____ % See Attachment A	
d. What is the average depth to the water table on the project site? Average: _____ feet See Attachment A	
e. Drainage status of project site soils: <input type="checkbox"/> Well Drained: _____ % of site <input type="checkbox"/> Moderately Well Drained: _____ % of site See Attachment A <input type="checkbox"/> Poorly Drained: _____ % of site	
f. Approximate proportion of proposed action site with slopes: <input type="checkbox"/> 0-10%: _____ % of site See Attachment A <input type="checkbox"/> 10-15%: _____ % of site <input type="checkbox"/> 15% or greater: _____ % of site	
g. Are there any unique geologic features on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, describe: _____	
h. Surface water features.	
i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
ii. Do any wetlands or other waterbodies adjoin the project site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes to either <i>i</i> or <i>ii</i> , continue. If No, skip to E.2.i.	
iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
iv. For each identified regulated wetland and waterbody on the project site, provide the following information:	
<ul style="list-style-type: none"> • Streams: Name <u>837-117</u> Classification <u>C</u> • Lakes or Ponds: Name _____ Classification _____ • Wetlands: Name <u>Federal Waters</u> Approximate Size <u>R4SBC</u> • Wetland No. (if regulated by DEC) _____ 	
v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If yes, name of impaired water body/bodies and basis for listing as impaired: <u>The response below was automated by EAF Mapper</u> Name - Pollutants - Uses: <u>Scajaquada Creek, Middle, and tribs – Pathogens; Nutrients; D.O./Oxygen Demand; Aesthetics – Recreation; A...</u>	
i. Is the project site in a designated Floodway? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
j. Is the project site in the 100-year Floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
k. Is the project site in the 500-year Floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes:	
i. Name of aquifer: _____	

<p>m. Identify the predominant wildlife species that occupy or use the project site: _____ See Attachment B, applies for both _____ Alternatives _____</p>	
<p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. Describe the habitat/community (composition, function, and basis for designation): _____ ii. Source(s) of description or evaluation: _____ iii. Extent of community/habitat: • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres</p>	
<p>o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: i. Species and listing (endangered or threatened): _____ Northern Long-eared Bat, Tricolored Bat, Salamander Mussel, Monarch Butterfly</p>	
<p>p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. Species and listing: _____</p>	
<p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, give a brief description of how the proposed action may affect that use: _____</p>	
<p>E.3. Designated Public Resources On or Near Project Site</p>	
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, provide county plus district name/number: _____</p>	
<p>b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No i. If Yes: acreage(s) on project site? _____ ii. Source(s) of soil rating(s): _____</p>	
<p>c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p>	
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: i. CEA name: _____ ii. Basis for designation: _____ iii. Designating agency and date: _____</p>	

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? If Yes: i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input checked="" type="checkbox"/> Historic Building or District ii. Name: <u>Christ of King Chapel, Canisius College Campus, Buffalo Black Drama Workshop</u> iii. Brief description of attributes on which listing is based: _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site? If Yes: i. Describe possible resource(s): <u>While the project site does not have any historic resources, the Hamlin Park Historic District is east of the site.</u> ii. Basis for identification: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? If Yes: i. Identify resource: <u>Forest Lawn Cemetery, Delaware Park,</u> ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): <u>Local cemetery and park</u> iii. Distance between project and resource: _____ <u>0.1</u> miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? If Yes: i. Identify the name of the river and its designation: _____ ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

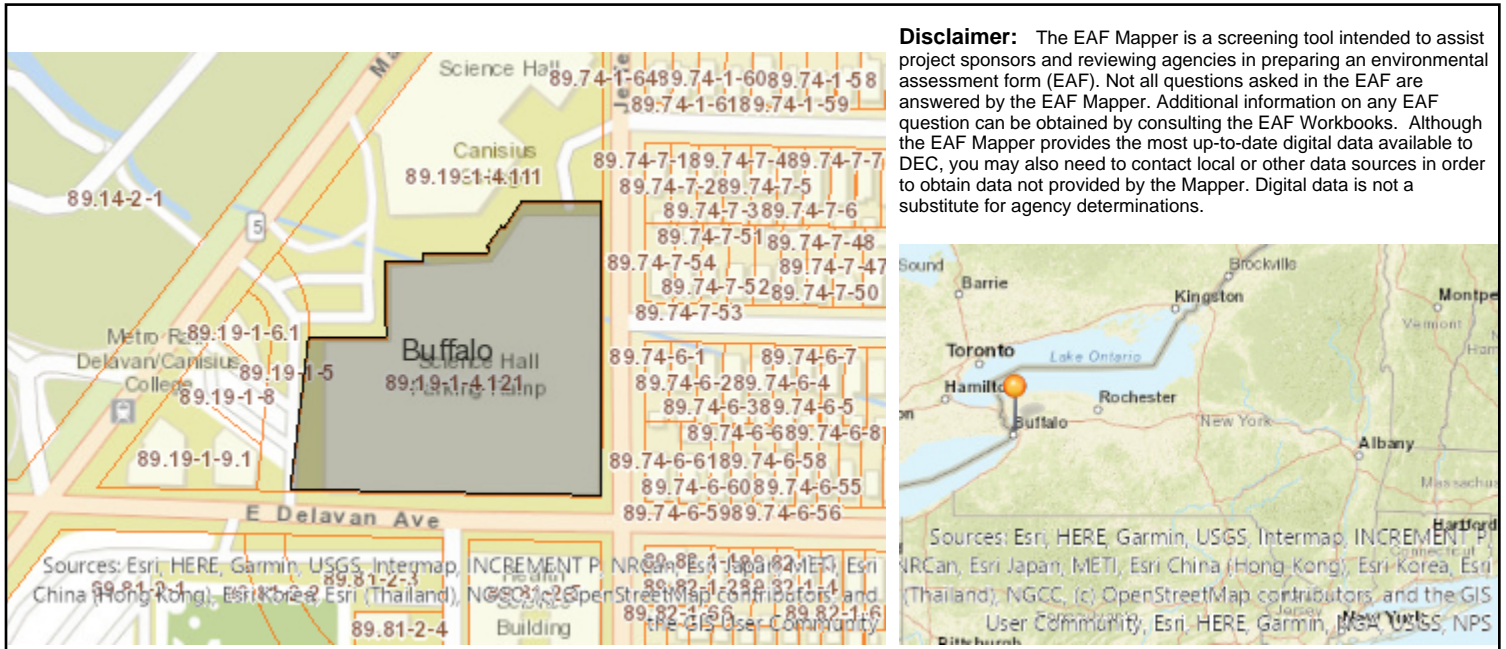
G. Verification

I certify that the information provided is true to the best of my knowledge.

Rosaleen B. Nogle

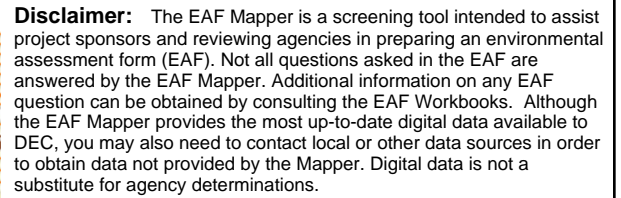
Applicant/Sponsor Name Buffalo Sewer Authority Date 7/16/2024

Signature  Title Principal Sanitary Engineer



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas: West Erie Canal Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	C915306, C915378
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	837-117
E.2.h.iv [Surface Water Features - Stream Classification]	C
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	Yes

E.2.h.v [Impaired Water Bodies - Name and Basis for Listing]	Name - Pollutants - Uses:Scajaquada Creek, Middle, and tribs – Pathogens;Nutrients;D.O./Oxygen Demand;Aesthetics – Recreation;Aquatic Life
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	, Forest Lawn Cemetery, Hamlin Park Historic District
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas:West Erie Canal Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	C915378, B00083
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	837-117
E.2.h.iv [Surface Water Features - Stream Classification]	C
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No

E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	, Forest Lawn Cemetery, Stone Farmhouse, Hamlin Park Historic District
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

SEQR Full Environmental Assessment Form
Part I – Project and Setting
Delavan Trunk Sewer Improvements Project

Attachment A. Supplemental Information

B. Government Approvals

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees (Y,N)		
b. City, Town or Village Planning Board or Commission (Y,N)		
c. City, Town or Village Zoning Board of Appeals (Y,N)	City of Buffalo: Special Use Permit	Spring 2025
d. Other local agencies (Y,N)	City of Buffalo Bureau of Forestry Tree Work Permit; Building Permits	Summer 2025 through Winter 2026
e. County agencies (Y,N)	Erie County Department of Health - Sewer/Wastewater/Construction Permitting	Spring 2025 through Winter 2026
f. Regional agencies (Y,N)		
g. State agencies (Y,N)	NYNHP– Consultation NYSOPRHP- Consultation NYSEFC – Clean Water State Revolving Fund NYSDEC - SPDES General Permit, Solid Waste Management Facilities Permit, Beneficial Use Permit NYSDOT – Special Hauling Permits	Spring 2025 through Winter 2026
h. Federal agencies (Y,N)		

C. Planning and Zoning

- a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? *Yes*

Framework for Regional Growth Erie + Niagara Counties, New York (2016)

The Framework for Regional Growth was published in October 2016. The plan describes that there was a gap region-wide for conservation, development, and public investment therefore Erie & Niagara Counties partnered to create a Framework that would be a vision for the region over the next 15 years. The Framework outlines 7 policies: (1) A Vital Economy; (2) Sustainable Neighborhoods; (3) Strong Rural Communities; (4) Improved Access & Mobility; (5) Efficient Systems & Services; (6) Effective Regional Stewardship; and (7) Conserved Natural & Cultural Assets. The proposed action would align with the

policies listed above by supporting the conservation of overall health the Scajaquada Creek since it is a pertinent natural resource within the region.

City of Buffalo Land Use Plan (2016)

The City of Buffalo Land Use Plan was based off the Buffalo Green Code which is a place-based economic development strategy designed to implement the city's Comprehensive Plan. The plan outlines 3 objectives, (1) Grow the Economy; (2) Strengthen Neighborhoods; and (3) Repair the Environment. By reducing combined sewer outflow activations to the Scajaquada Creek, the Proposed Action would support repair of the environment. In addition, a community betterment project is planned in conjunction with the proposed action which may help to meet the objectives of the City of Buffalo Land Use Plan.

City of Buffalo 2020-2024 Consolidated Plan (2020)

The purpose of the Consolidated Plan is to address priority needs involving housing and community development activities which are locally identified by the City. The Plan outlines three main goals which range from providing decent and affordable housing, to providing suitable living environment, and expanding economic opportunities such as job creation. Part of the proposed action includes community betterment initiatives such as sewer lateral replacements from the sewer mains to the City's right-of-way; water service line replacements for all identified lead and galvanized service water lines within the project limits; separation of sanitary sewer and stormwater sewer pipes; and streetscape improvements including landscaping plans, and roadway, curb, and sidewalk pavement replacement within the project limits. Community betterment initiatives may also focus on other projects to expand economic opportunities for the neighborhoods surrounding the project site. These community betterment initiatives would enable improved suitable living environment for surrounding residents around the project site in line with goals of the Consolidated Plan.

City of Buffalo 2023-2027 Four-Year Strategic Plan: Building an Equitable City

The purpose of the Strategic Plan is to help the City of Buffalo in ensuring continued revitalization plans, the Plan focuses on four elements: (1) thriving neighborhoods and people; (2) smart and sustainable infrastructure; (3) climate resilience; and (4) economic opportunities and mobility. The proposed project would support climate resilience by supporting the overall health and environmental conditions of receiving waterbodies such as the Scajaquada Creek over a 20-year period. The community betterment project that will be included as part of the proposed action may offer an opportunity to support economic opportunities and mobility for area residents.

D. Project Details

D.1 Proposed and Potential Development

b. a. Total acreage of the site of the proposed action?

Response: Alternative A would have a total acreage of 0.64 acres, the bulk of which is located below ground.
Alternative B would have a total acreage of 0.94 acres, the bulk of which is located below ground.

b. b. Total acreage to be physically disturbed?

Response: Alternative A would have a total acreage of ground disturbance of 1.42 acres.

Alternative B would have a total acreage of ground disturbance of 1.15 acres.

- b. c. *Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?*

Response: Any work not located within the right of way of Delavan, Florida and Spillman Avenues is owned by Canisius University and property easement discussions are underway.

- e. *Will the proposed action be constructed in multiple phases?* **No**

- e. i. *If No, anticipated period of construction:*

Response: Alternative A: 24 months

Alternative B: 36 months

D.2. Project Operations

- a. *Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)* **Yes**

If Yes:

- i. *What is the purpose of the excavation or dredging?*

Response: The purpose for excavation for Alternative A is to construct a deep offline storage tank below the Canisius University Surface Parking Lot. The depth being excavated within the bedrock would be minimized while confirming the storage basin is deep enough to accommodate parking lot site improvements such as landscaping and buried electric conduits. The purpose of the excavation for Alternative B is to excavate below ground to place the 14-foot diameter drill and blast tunnel.

- ii. *How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? Volume (specify tons or cubic yards):*

Response: Alternative A= 23,612 CY, Alternative B = 21,016 CY

Over what duration of time?

Response: Alternative A = 1 year, Alternative B = 2 years

- iii. *Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.*

Response: Excavated material will consist of soil, silt, and clay during surface excavation and limestone bedrock. Excavated material will be tested onsite for contamination. All excavated material will be stored and removed from site according to ASTM and sediment/erosion control standards.

- iv. *Will there be onsite dewatering or processing of excavated materials?* **Yes**

If yes, describe.

- v. *What is the total area to be dredged or excavated?*

Response: Alternative A has a total area of 0.64 acres to be excavated.

Alternative B has a total area of 0.94 acres to be excavated.

- vi. *What is the maximum area to be worked at any one time?*

Response: The maximum area to be worked at Alternative A at any one time is 1.42 acres

The maximum area to be worked at Alternative B at any one time is 1.15 acres.

- vii. *What would be the maximum depth of excavation or dredging?*

Response: The maximum depth of excavation for Alternatives A and B is 55 feet below the ground surface.

viii. *Will the excavation require blasting?*

Response: Both Alternatives A and B will require blasting.

ix. *Summarize site reclamation goals and plan:*

Response: Any temporarily disturbed areas would be restored to its existing conditions for both Alternatives A and B (i.e., roadway and sidewalk repair, grass reseeding, etc.). A tree work permit including any tree removals and/or tree plantings will be required during detailed design in accordance with the requirements of the City of Buffalo Bureau of Forestry.

l. *Hours of Operation*

i. *During Construction: Monday – Friday*

Response: Where appropriate, some activities may require nighttime work to minimize disruptions to traffic due to lane closures that may be required on Delavan to facilitate the proposed action. These work periods will be coordinated with the City of Buffalo.

e. *Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? **Yes***

iv. *Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?*

Response: The feasibility of minimizing impervious surfaces in the project area will be explored as design of the project advances.

o. *Does the proposed action have the potential to produce odors for more than one hour per day? If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:*

Response: Sources of odor for both Alternative A and B would facilitate storage of Combined Sewer Flow and there is a potential for odors to be emitted in the vicinity of the project sites. However, an odor control system would be installed for each alternative to reduce the occurrence of nuisance odors. The potential frequency and duration of odor emissions will be determined and disclosed as part of an Odor Control Study for the project.

E. Site and Setting of Proposed Action

E.2. Natural Resources On or Near Project Site

a. *What is the average depth to bedrock on the project site?*

Response: Alternative A: >6.5 feet

Alternative B: >6.5 feet

c. *Predominant soil type(s) present on project site:*

Response: Alternative A

Urban Land

88.1%

Urban Land Cayuga Complex

11.9%

Alternative B

Urban Land	16.8%
Urban Land Cayuga Complex	67.1%
Urban land-Collamer complex, 1 to 6 percent slopes	16.1%

d. *What is the average depth to the water table on the project site?*

Response: Alternative A: >6.5 feet
Alternative B: >6.5 feet

e. *Drainage status of project site soils:*

Response: Alternative A

Well Drained	0%
Moderately Well Drained (X)	11.9%
Poorly Drained	0%

Alternative B

Well Drained	0%
Moderately Well Drained (X)	83.2%
Poorly Drained	0%

f. *Approximate proportion of proposed action site with slopes:*

Response: Alternative A

0-10% (X)	11.9%
10-15%	0%
15% or greater	0%

Alternative B

0-10% (X)	83.2%
10-15%	0%
15% or greater	0%

Attachment B
New York Nature Explorer

Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Least Shrew	Cryptotis parva	Erie	Animal	Mammals	Shrews and Moles	Historically Confirmed				SH	G5	FALSE	FALSE	FALSE
Northern Long-eared Bat	Myotis septentrionalis	Erie	Animal	Mammals	Bats	Recently Confirmed	2011	Threatened		S1	G2G3	FALSE	FALSE	TRUE
Silver-haired Bat	Lasionycteris noctivagans	Erie	Animal	Mammals	Bats	Historically Confirmed				S2S3B	G3G4	FALSE	FALSE	FALSE
Tri-colored Bat	Perimyotis subflavus	Erie	Animal	Mammals	Bats	Historically Confirmed				S1	G3G4	FALSE	FALSE	FALSE
Acadian Flycatcher	Empidonax vireescens	Erie	Animal	Birds	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S3B	G5	FALSE	TRUE	FALSE
Alder Flycatcher	Empidonax alnorum	Erie	Animal	Birds	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
American Bittern	Botaurus lentiginosus	Erie	Animal	Birds	Herons Bitterns Egrets Pelicans	Recently Confirmed	2000-2005	Special Concern		S4	G5	FALSE	TRUE	FALSE
American Black Duck	Anas rubripes	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3B SNRN	G5	FALSE	TRUE	FALSE
American Coot	Fulica americana	Erie	Animal	Birds	Rails Coots and Cranes	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3	G5	FALSE	TRUE	FALSE
American Crow	Corvus brachyrhynchos	Erie	Animal	Birds	Crows and Jays	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5	FALSE	TRUE	FALSE
American Goldfinch	Spinus tristis	Erie	Animal	Birds	Finches and Crossbills	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE

Attachment B
New York Nature Explorer

Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
American Kestrel	Falco sparverius	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
American Redstart	Setophaga ruticilla	Erie	Animal	Birds	Wood- Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
American Robin	Turdus migratorius	Erie	Animal	Birds	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
American Wigeon	Anas americana	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3	G5	FALSE	TRUE	FALSE
American Woodcock	Scolopax minor	Erie	Animal	Birds	Gulls Terns Plovers Shorebirds	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5B	G5	FALSE	TRUE	FALSE
Bald Eagle	Haliaeetus leucocephalus	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2020	Threatened		S2S3B S2N	G5	FALSE	FALSE	TRUE
Baltimore Oriole	Icterus galbula	Erie	Animal	Birds	Blackbirds and Oroles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Bank Swallow	Riparia riparia	Erie	Animal	Birds	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Barn Owl	Tyto alba	Erie	Animal	Birds	Owls	Recently Confirmed		Protected Bird		S1S2	G5	FALSE	FALSE	FALSE
Barn Swallow	Hirundo rustica	Erie	Animal	Birds	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Barred Owl	Strix varia	Erie	Animal	Birds	Owls	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE

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Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Belted Kingfisher	Megaceryle alcyon	Erie	Animal	Birds	Kingfishers	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Black Tern	Chlidonias niger	Erie	Animal	Birds	Gulls Terns Plovers Shorebirds	Historically Confirmed	1970	Endangered		S2B	G4G5	FALSE	FALSE	TRUE
Black-and-white Warbler	Mniotilta varia	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Black-billed Cuckoo	Coccyzus erythrophthalmus	Erie	Animal	Birds	Cuckoos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Black-capped Chickadee	Poecile atricapillus	Erie	Animal	Birds	Chickadees and Titmice	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Black-crowned Night-Heron	Nycticorax nycticorax	Erie	Animal	Birds	Hérons Bitterns Egrets Pelicans	Recently Confirmed	2000-2005	Protected Bird		S3	G5	FALSE	TRUE	FALSE
Black-throated Blue Warbler	Setophaga caerulescens	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Black-throated Green Warbler	Setophaga virens	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Blackburnian Warbler	Setophaga fusca	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Blue Jay	Cyanocitta cristata	Erie	Animal	Birds	Crows and Jays	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE

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Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Blue-gray Gnatcatcher	Poliptila caerulea	Erie	Animal	Birds	Gnatcatchers	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Blue-headed Vireo	Vireo solitarius	Erie	Animal	Birds	Vireos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Blue-winged Teal	Anas discors	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S2S3B SNRN	G5	FALSE	TRUE	FALSE
Blue-winged Warbler	Vermivora cyanoptera	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Bobolink	Dolichonyx oryzivorus	Erie	Animal	Birds	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Brewster's Warbler	Vermivora cyanoptera x chrysoptera	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		SNA	GNA	FALSE	TRUE	FALSE
Broad-winged Hawk	Buteo platypterus	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Brown Creeper	Certhia americana	Erie	Animal	Birds	Creepers	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Brown Thrasher	Toxostoma rufum	Erie	Animal	Birds	Mockingbirds and Thrashers	Recently Confirmed	2000-2005	Protected Bird		S3S4B	G5	FALSE	TRUE	FALSE
Brown-headed Cowbird	Molothrus ater	Erie	Animal	Birds	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE

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Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Canada Goose	Branta canadensis	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5	FALSE	TRUE	FALSE
Canada Warbler	Cardellina canadensis	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Carolina Wren	Thryothorus ludovicianus	Erie	Animal	Birds	Wrens	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Cedar Waxwing	Bombycilla cedrorum	Erie	Animal	Birds	Waxwings	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Cerulean Warbler	Setophaga cerulea	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Special Concern		S3?B	G4	FALSE	TRUE	FALSE
Chestnut-sided Warbler	Setophaga pensylvanica	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Chimney Swift	Chaetura pelagica	Erie	Animal	Birds	Humming birds and Swifts	Recently Confirmed	2000-2005	Protected Bird		S5B	G4G5	FALSE	TRUE	FALSE
Chipping Sparrow	Spizella passerina	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Cliff Swallow	Petrochelidon pyrrhonota	Erie	Animal	Birds	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Common Grackle	Quiscalus quiscula	Erie	Animal	Birds	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Common Merganser	Mergus merganser	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5	FALSE	TRUE	FALSE

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Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Common Moorhen	Gallinula galeata	Erie	Animal	Birds	Rails Coots and Cranes	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3S4	G5	FALSE	TRUE	FALSE
Common Nighthawk	Chordeiles minor	Erie	Animal	Birds	Nightbirds	Recently Confirmed	2000-2005	Special Concern		S2S3B	G5	FALSE	FALSE	FALSE
Common Raven	Corvus corax	Erie	Animal	Birds	Crows and Jays	Recently Confirmed	2000-2005	Protected Bird		S4	G5	FALSE	TRUE	FALSE
Common Tern	Sterna hirundo	Erie	Animal	Birds	Gulls Terns Plovers Shorebirds	Recently Confirmed	2000-2005	Threatened		S3B	G5	FALSE	FALSE	TRUE
Common Yellowthroat	Geothlypis trichas	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Cooper's Hawk	Accipiter cooperii	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Special Concern		S4	G5	FALSE	TRUE	FALSE
Dark-eyed Junco	Junco hyemalis	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Double-crested Cormorant	Phalacrocorax auritus	Erie	Animal	Birds	Cormorants	Recently Confirmed	2000-2005	Protected Bird		S3	G5	FALSE	TRUE	FALSE
Downy Woodpecker	Picoides pubescens	Erie	Animal	Birds	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Eastern Bluebird	Sialia sialis	Erie	Animal	Birds	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE

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Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Eastern Kingbird	Tyrannus tyrannus	Erie	Animal	Birds	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Eastern Meadowlark	Sturnella magna	Erie	Animal	Birds	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Eastern Phoebe	Sayornis phoebe	Erie	Animal	Birds	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Eastern Screech-Owl	Megascops asio	Erie	Animal	Birds	Owls	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Eastern Towhee	Pipilo erythrophthalmus	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Eastern Wood-Pewee	Contopus virens	Erie	Animal	Birds	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
European Starling	Sturnus vulgaris	Erie	Animal	Birds	Starlings	Recently Confirmed	2000-2005			SNA	G5	TRUE	TRUE	FALSE
Field Sparrow	Spizella pusilla	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Gadwall	Anas strepera	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3	G5	FALSE	TRUE	FALSE
Golden-crowned Kinglet	Regulus satrapa	Erie	Animal	Birds	Kinglets	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Golden-winged Warbler	Vermivora chrysoptera	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Special Concern		S3B	G4	FALSE	TRUE	FALSE

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Grasshopper Sparrow	Ammodramus savannarum	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2000-2005	Special Concern		S3B	G5	FALSE	TRUE	FALSE
Gray Catbird	Dumetella carolinensis	Erie	Animal	Birds	Mockingbirds and Thrashers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Great Blue Heron	Ardea herodias	Erie	Animal	Birds	Hérons Bitterns Egrets Pelicans	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	FALSE	FALSE
Great Crested Flycatcher	Myiarchus crinitus	Erie	Animal	Birds	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Great Horned Owl	Bubo virginianus	Erie	Animal	Birds	Owls	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Green Heron	Butorides virescens	Erie	Animal	Birds	Hérons Bitterns Egrets Pelicans	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Green-winged Teal	Anas crecca	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S3	G5	FALSE	TRUE	FALSE
Hairy Woodpecker	Picoides villosus	Erie	Animal	Birds	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Harlequin Duck	Histrionicus histrionicus	Erie	Animal	Birds	Ducks Geese Waterfowl	Historically Confirmed		Protected Bird		S1N	G4	FALSE	FALSE	FALSE
Henslow's Sparrow	Ammodramus henslowii	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2002	Threatened		S3B	G4	FALSE	FALSE	TRUE

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Hermit Thrush	Catharus guttatus	Erie	Animal	Birds	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Herring Gull	Larus argentatus	Erie	Animal	Birds	Gulls Terns Plovers Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Hooded Merganser	Lophodytes cucullatus	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S4	G5	FALSE	TRUE	FALSE
Hooded Warbler	Setophaga citrina	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Horned Lark	Eremophila alpestris	Erie	Animal	Birds	Larks	Recently Confirmed	2000-2005	Special Concern		S3S4B	G5	FALSE	TRUE	FALSE
House Finch	Haemorhous mexicanus	Erie	Animal	Birds	Finches and Crossbills	Recently Confirmed	2000-2005	Protected Bird		SNA	G5	TRUE	TRUE	FALSE
House Sparrow	Passer domesticus	Erie	Animal	Birds	Old World Sparrows	Recently Confirmed	2000-2005			SNA	G5	TRUE	TRUE	FALSE
House Wren	Troglodytes aedon	Erie	Animal	Birds	Wrens	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Indigo Bunting	Passerina cyanea	Erie	Animal	Birds	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Killdeer	Charadrius vociferus	Erie	Animal	Birds	Gulls Terns Plovers Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE

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Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Least Bittern	Ixobrychus exilis	Erie	Animal	Birds	Hérons Bitterns Egrets Pelicans	Recently Confirmed	2003	Threatened		S3B S1N	G4G5	FALSE	FALSE	TRUE
Least Flycatcher	Empidonax minimus	Erie	Animal	Birds	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Long-eared Owl	Asio otus	Erie	Animal	Birds	Owls	Recently Confirmed	2000-2005	Protected Bird		S2S3B SNRN	G5	FALSE	TRUE	FALSE
Louisiana Waterthrush	Parkesia motacilla	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Magnolia Warbler	Setophaga magnolia	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Mallard	Anas platyrhynchos	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5	FALSE	TRUE	FALSE
Mallard x Am. Black Duck Hybrid	Anas platyrhynchos x rubripes	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		SNA	GNA	FALSE	TRUE	FALSE
Marsh Wren	Cistothorus palustris	Erie	Animal	Birds	Wrens	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Merlin	Falco columbarius	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Protected Bird		S3?B	G5	FALSE	TRUE	FALSE
Mourning Dove	Zenaida macroura	Erie	Animal	Birds	Pigeons and Doves	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Mourning Warbler	Geothlypis philadelphia	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE

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Mute Swan	Cygnus olor	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird		SNA	G5	TRUE	TRUE	FALSE
Nashville Warbler	Oreothlypis ruficapilla	Erie	Animal	Birds	Wood- Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Northern Bobwhite	Colinus virginianus	Erie	Animal	Birds	Grouse Pheasants Turkeys	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S4	G4G5	FALSE	TRUE	FALSE
Northern Cardinal	Cardinalis cardinalis	Erie	Animal	Birds	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Northern Flicker	Colaptes auratus	Erie	Animal	Birds	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Northern Goshawk	Accipiter gentilis	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Special Concern		S3S4B S3N	G5	FALSE	TRUE	FALSE
Northern Harrier	Circus hudsonius	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2020	Threatened		S3B S3N	G5	FALSE	FALSE	TRUE
Northern Mockingbird	Mimus polyglottos	Erie	Animal	Birds	Mockingbirds and Thrashers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Northern Parula	Setophaga americana	Erie	Animal	Birds	Wood- Warblers	Recently Confirmed	2000-2005	Protected Bird		S3S4B	G5	FALSE	TRUE	FALSE
Northern Rough-winged Swallow	Stelgidopteryx serripennis	Erie	Animal	Birds	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE

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Northern Saw-whet Owl	Aegolius acadicus	Erie	Animal	Birds	Owls	Recently Confirmed	2000-2005	Protected Bird		S3	G5	FALSE	TRUE	FALSE
Northern Shoveler	Anas clypeata	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S2	G5	FALSE	TRUE	FALSE
Northern Waterthrush	Parkesia noveboracensis	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Orchard Oriole	Icterus spurius	Erie	Animal	Birds	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S4B	G5	FALSE	TRUE	FALSE
Osprey	Pandion haliaetus	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Special Concern		S4B	G5	FALSE	TRUE	FALSE
Ovenbird	Seiurus aurocapilla	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Peregrine Falcon	Falco peregrinus	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2011	Endangered		S3B	G4	FALSE	FALSE	TRUE
Pied-billed Grebe	Podilymbus podiceps	Erie	Animal	Birds	Grebes	Recently Confirmed	2015	Threatened		S3B S1N	G5	FALSE	FALSE	TRUE
Pileated Woodpecker	Dryocopus pileatus	Erie	Animal	Birds	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Pine Siskin	Spinus pinus	Erie	Animal	Birds	Finches and Crossbills	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE

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Pine Warbler	Setophaga pinus	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Prairie Warbler	Setophaga discolor	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Prothonotary Warbler	Protonotaria citrea	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed		Protected Bird		S2B	G5	FALSE	FALSE	FALSE
Purple Finch	Haemorhous purpureus	Erie	Animal	Birds	Finches and Crossbills	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Purple Martin	Progne subis	Erie	Animal	Birds	Swallows	Recently Confirmed	2000-2005	Protected Bird		S4B	G5	FALSE	TRUE	FALSE
Red-bellied Woodpecker	Melanerpes carolinus	Erie	Animal	Birds	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Red-breasted Nuthatch	Sitta canadensis	Erie	Animal	Birds	Nuthatches	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Red-eyed Vireo	Vireo olivaceus	Erie	Animal	Birds	Vireos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Red-headed Woodpecker	Melanerpes erythrocephalus	Erie	Animal	Birds	Woodpeckers	Recently Confirmed	2020	Special Concern		S2?B	G5	FALSE	FALSE	FALSE
Red-shouldered Hawk	Buteo lineatus	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Special Concern		S4B	G5	FALSE	TRUE	FALSE
Red-tailed Hawk	Buteo jamaicensis	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE

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Red-winged Blackbird	Agelaius phoeniceus	Erie	Animal	Birds	Blackbirds and Orioles	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Ring-billed Gull	Larus delawarensis	Erie	Animal	Birds	Gulls Terns Plovers Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S4	G5	FALSE	TRUE	FALSE
Ring-necked Pheasant	Phasianus colchicus	Erie	Animal	Birds	Grouse Pheasants Turkeys	Recently Confirmed	2000-2005	Protected Bird - Game with open season		SNA	G5	TRUE	TRUE	FALSE
Rock Pigeon	Columba livia	Erie	Animal	Birds	Pigeons and Doves	Recently Confirmed	2000-2005			SNA	G5	TRUE	TRUE	FALSE
Rose-breasted Grosbeak	Pheucticus ludovicianus	Erie	Animal	Birds	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Ruby-throated Hummingbird	Archilochus colubris	Erie	Animal	Birds	Hummingbirds and Swifts	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Ruffed Grouse	Bonasa umbellus	Erie	Animal	Birds	Grouse Pheasants Turkeys	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5	FALSE	TRUE	FALSE
Savannah Sparrow	Passerculus sandwichensis	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Scarlet Tanager	Piranga olivacea	Erie	Animal	Birds	Cardinals and Buntings	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE

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Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Sedge Wren	Cistothorus platensis	Erie	Animal	Birds	Wrens	Recently Confirmed	2010	Threatened		S3B	G5	FALSE	FALSE	TRUE
Sharp-shinned Hawk	Accipiter striatus	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Special Concern		S4	G5	FALSE	TRUE	FALSE
Short-eared Owl	Asio flammeus	Erie	Animal	Birds	Owls	Recently Confirmed	2021	Endangered		S2	G5	FALSE	FALSE	TRUE
Snowy Egret	Egretta thula	Erie	Animal	Birds	Herons Bitterns Egrets Pelicans	Recently Confirmed	2000-2005	Protected Bird		S2S3	G5	FALSE	FALSE	FALSE
Song Sparrow	Melospiza melodia	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Sora	Porzana carolina	Erie	Animal	Birds	Rails Coots and Cranes	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S4	G5	FALSE	TRUE	FALSE
Spotted Sandpiper	Actitis macularius	Erie	Animal	Birds	Gulls Terns Plovers Shorebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Swamp Sparrow	Melospiza georgiana	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Tree Swallow	Tachycineta bicolor	Erie	Animal	Birds	Swallows	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Tufted Titmouse	Baeolophus bicolor	Erie	Animal	Birds	Chickadees and Titmice	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE

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Turkey Vulture	Cathartes aura	Erie	Animal	Birds	Hawks Falcons Eagles Vultures	Recently Confirmed	2000-2005	Protected Bird		S4B	G5	FALSE	TRUE	FALSE
Upland Sandpiper	Bartramia longicauda	Erie	Animal	Birds	Gulls Terns Plovers Shorebirds	Recently Confirmed	2020	Threatened		S3B	G5	FALSE	FALSE	TRUE
Veery	Catharus fuscescens	Erie	Animal	Birds	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Vesper Sparrow	Poocetes gramineus	Erie	Animal	Birds	Sparrows and Towhees	Recently Confirmed	2000-2005	Special Concern		S3B	G5	FALSE	TRUE	FALSE
Virginia Rail	Rallus limicola	Erie	Animal	Birds	Rails Coots and Cranes	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5	FALSE	TRUE	FALSE
Warbling Vireo	Vireo gilvus	Erie	Animal	Birds	Vireos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
White-breasted Nuthatch	Sitta carolinensis	Erie	Animal	Birds	Nuthatches	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Wild Turkey	Meleagris gallopavo	Erie	Animal	Birds	Grouse Pheasants Turkeys	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5	FALSE	TRUE	FALSE
Willow Flycatcher	Empidonax traillii	Erie	Animal	Birds	Flycatchers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE

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Wilson's Snipe	Gallinago delicata	Erie	Animal	Birds	Gulls Terns Plovers Shorebirds	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5B	G5	FALSE	TRUE	FALSE
Winter Wren	Troglodytes hiemalis	Erie	Animal	Birds	Wrens	Recently Confirmed	2000-2005	Protected Bird		S5	G5	FALSE	TRUE	FALSE
Wood Duck	Aix sponsa	Erie	Animal	Birds	Ducks Geese Waterfowl	Recently Confirmed	2000-2005	Protected Bird - Game with open season		S5	G5	FALSE	TRUE	FALSE
Wood Thrush	Hylocichla mustelina	Erie	Animal	Birds	Thrushes and Bluebirds	Recently Confirmed	2000-2005	Protected Bird		S5B	G4	FALSE	TRUE	FALSE
Yellow Warbler	Setophaga petechia	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Yellow-bellied Sapsucker	Sphyrapicus varius	Erie	Animal	Birds	Woodpeckers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Yellow-billed Cuckoo	Coccyzus americanus	Erie	Animal	Birds	Cuckoos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Yellow-breasted Chat	Icteria virens	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Special Concern		S2?B	G5	FALSE	FALSE	FALSE
Yellow-rumped Warbler	Setophaga coronata	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE
Yellow-throated Vireo	Vireo flavifrons	Erie	Animal	Birds	Vireos	Recently Confirmed	2000-2005	Protected Bird		S5B	G5	FALSE	TRUE	FALSE

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Yellow-throated Warbler	Setophaga dominica	Erie	Animal	Birds	Wood-Warblers	Recently Confirmed	2000-2005	Protected Bird		SNA	G5	FALSE	TRUE	FALSE
Common Gartersnake	Thamnophis sirtalis	Erie	Animal	Reptiles	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Dekay's Brownsnake	Storeria dekayi	Erie	Animal	Reptiles	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Eastern Ratsnake	Pantherophis spiloides	Erie	Animal	Reptiles	Snakes	Recently Confirmed	1990-1999	Game with no open season		S4	G4G5	FALSE	TRUE	FALSE
Eastern Ribbonsnake	Thamnophis sauritus	Erie	Animal	Reptiles	Snakes	Recently Confirmed	1990-1999	Game with no open season		S4	G5	FALSE	TRUE	FALSE
Milksnake	Lampropeltis triangulum	Erie	Animal	Reptiles	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Northern Watersnake	Nerodia sipedon	Erie	Animal	Reptiles	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Queen Snake	Regina septemvittata	Erie	Animal	Reptiles	Snakes	Recently Confirmed	2016	Endangered		S1	G5	FALSE	FALSE	TRUE
Red-bellied Snake	Storeria occipitomaculata	Erie	Animal	Reptiles	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Ring-necked Snake	Diadophis punctatus	Erie	Animal	Reptiles	Snakes	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Smooth Green Snake	Opheodrys vernalis	Erie	Animal	Reptiles	Snakes	Recently Confirmed	1990-1999	Game with no open season		S4	G5	FALSE	TRUE	FALSE

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Allegheny Mountain Dusky Salamander	Desmognathus ochrophaeus	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
American Toad	Anaxyrus americanus	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5	FALSE	TRUE	FALSE
Blue-spotted Salamander	Ambystoma laterale	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Special Concern		S3	G5	FALSE	TRUE	FALSE
Bullfrog	Lithobates catesbeianus	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5	FALSE	TRUE	FALSE
Dusky Salamander	Desmognathus fuscus	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Eastern Newt	Notophthalmus viridescens	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Four-toed Salamander	Hemidactylium scutatum	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S4	G5	FALSE	TRUE	FALSE
Fowler's Toad	Anaxyrus fowleri	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S4	G5	FALSE	TRUE	FALSE
Gray Treefrog	Hyla versicolor	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5	FALSE	TRUE	FALSE
Green Frog	Lithobates clamitans	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5	FALSE	TRUE	FALSE
Jefferson Salamander	Ambystoma jeffersonianum	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Special Concern		S4	G4	FALSE	TRUE	FALSE

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Jefferson Salamander Complex	Ambystoma jeffersonianum x laterale	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		SNA	GU	FALSE	TRUE	FALSE
Mudpuppy	Necturus maculosus	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S3S4	G5	FALSE	TRUE	FALSE
Northern Leopard Frog	Lithobates pipiens	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5	FALSE	TRUE	FALSE
Northern Slimy Salamander	Plethodon glutinosus	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Northern Two-lined Salamander	Eurycea bislineata	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Pickerel Frog	Lithobates palustris	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5	FALSE	TRUE	FALSE
Redback Salamander	Plethodon cinereus	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Spotted Salamander	Ambystoma maculatum	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Spring Peeper	Pseudacris crucifer	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5	FALSE	TRUE	FALSE
Spring Salamander	Gyrinophilus porphyriticus	Erie	Animal	Amphibians	Salamanders	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Western Chorus Frog	Pseudacris triseriata	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S2S3	G5	FALSE	TRUE	FALSE

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Wood Frog	Lithobates sylvaticus	Erie	Animal	Amphibians	Frogs and Toads	Recently Confirmed	1990-1999	Game with open season		S5	G5	FALSE	TRUE	FALSE
Bigeye Chub	Hybopsis amblops	Erie	Animal	Fish	Minnows Shiners Suckers	Recently Confirmed	2014			S1S2	G5	FALSE	FALSE	FALSE
Bigmouth Shiner	Notropis dorsalis	Erie	Animal	Fish	Minnows Shiners Suckers	Recently Confirmed	2013			S2	G5	FALSE	FALSE	FALSE
Black Bullhead	Ameiurus melas	Erie	Animal	Fish	Catfishes	Recently Confirmed	2014			S1	G5	FALSE	FALSE	FALSE
Black Redhorse	Moxostoma duquesnei	Erie	Animal	Fish	Minnows Shiners Suckers	Recently Confirmed	2011	Special Concern		S2	G5	FALSE	FALSE	FALSE
Blackchin Shiner	Notropis heterodon	Erie	Animal	Fish	Minnows Shiners Suckers	Historically Confirmed	1928			S2	G5	FALSE	FALSE	FALSE
Blacknose Shiner	Notropis heterolepis	Erie	Animal	Fish	Minnows Shiners Suckers	Recently Confirmed	2016			S2S3	G5	FALSE	FALSE	FALSE
Eastern Sand Darter	Ammocrypta pellucida	Erie	Animal	Fish	Darters and Sunfishes	Recently Confirmed	1991	Threatened		S2S3	G4	FALSE	FALSE	TRUE
Iowa Darter	Etheostoma exile	Erie	Animal	Fish	Darters and Sunfishes	Recently Confirmed	2005			S2	G5	FALSE	FALSE	FALSE
Lake Chubsucker	Erimyzon sucetta	Erie	Animal	Fish	Minnows Shiners Suckers	Historically Confirmed	1927	Threatened		SH	G5	FALSE	FALSE	FALSE
Lake Sturgeon	Acipenser fulvescens	Erie	Animal	Fish	Sturgeons and Paddlefish	Recently Confirmed	2009	Threatened		S2S3	G3G4	FALSE	FALSE	TRUE

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Mooneye	Hiodon tergisus	Erie	Animal	Fish	Mooneyes	Recently Confirmed	2005	Threatened		S2	G5	FALSE	FALSE	TRUE
Northern Brook Lamprey	Ichthyomyzon fossor	Erie	Animal	Fish	Lampreys	Recently Confirmed	2012			S2	G4	FALSE	FALSE	FALSE
Northern Sunfish	Lepomis peltastes	Erie	Animal	Fish	Darters and Sunfishes	Recently Confirmed	2009	Threatened		S1	G5	FALSE	FALSE	TRUE
Redfin Shiner	Lythrurus umbratilis	Erie	Animal	Fish	Minnows Shiners Suckers	Recently Confirmed	2012	Special Concern		S1S2	G5	FALSE	FALSE	FALSE
Sauger	Sander canadensis	Erie	Animal	Fish	Darters and Sunfishes	Recently Confirmed		Game with open season		S1	G5	FALSE	FALSE	FALSE
Silver Chub	Macrhybopsis storeriana	Erie	Animal	Fish	Minnows Shiners Suckers	Historically Confirmed	1928	Endangered		SH	G5	FALSE	FALSE	FALSE
Spoonhead Sculpin	Cottus ricei	Erie	Animal	Fish	Sculpins	Historically Confirmed		Endangered		SH	G5	FALSE	FALSE	FALSE
Frosted Elfin	Callophrys irus	Erie	Animal	Butterflies and Moths	Butterflies and Skippers	Historically Confirmed	1970	Threatened		S1S2	G2G3	FALSE	FALSE	TRUE
Karner Blue	Plebejus melissa samuelis	Erie	Animal	Butterflies and Moths	Butterflies and Skippers	Historically Confirmed	1970	Endangered		S1	G1G2	FALSE	FALSE	TRUE
Persius Duskywing	Erynnis persius persius	Erie	Animal	Butterflies and Moths	Butterflies and Skippers	Historically Confirmed	1970	Endangered		S1	G5T1T3	FALSE	FALSE	TRUE
Two-striped Cord Grass Moth	Macrochilo bivittata	Erie	Animal	Butterflies and Moths	Moths	Possible but not Confirmed				S1S3	G3G4	FALSE	FALSE	FALSE

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Lyre-tipped Spreadwing	Lestes unguiculatus	Erie	Animal	Dragonflies and Damselflies	Damselflies	Recently Confirmed				S2S3	G5	FALSE	FALSE	FALSE
Midland Clubtail	Gomphurus fraterus	Erie	Animal	Dragonflies and Damselflies	Dragonflies	Recently Confirmed	2007			S3	G5	FALSE	FALSE	FALSE
Mocha Emerald	Somatochlora linearis	Erie	Animal	Dragonflies and Damselflies	Dragonflies	Historically Confirmed	1926			S2S3	G5	FALSE	FALSE	FALSE
Southern Pygmy Clubtail	Lanthus vernalis	Erie	Animal	Dragonflies and Damselflies	Dragonflies	Recently Confirmed	2020			S1	G4	FALSE	FALSE	FALSE
Tiger Spiketail	Cordulegaster erronea	Erie	Animal	Dragonflies and Damselflies	Dragonflies	Recently Confirmed				S1	G4	FALSE	FALSE	FALSE
American Burying Beetle	Nicrophorus americanus	Erie	Animal	Beetles	Carrion Beetles	Historically Confirmed		Endangered		SH	G3	FALSE	FALSE	FALSE
Three-banded Lady Beetle	Coccinella trifasciata	Erie	Animal	Beetles	Lady Beetles	Recently Confirmed				S2S3	G5	FALSE	FALSE	FALSE
Two-spotted Lady Beetle	Adalia bipunctata	Erie	Animal	Beetles	Lady Beetles	Recently Confirmed				S2	G5	FALSE	FALSE	FALSE
Black Sandshell	Ligumia recta	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S2	G4G5	FALSE	FALSE	FALSE

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Deertoe	Truncilla truncata	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S1S2	G5	FALSE	FALSE	FALSE
Eastern Pondmussel	Ligumia nasuta	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	1997			S2	G4	FALSE	FALSE	FALSE
Fragile Papershell	Leptodea fragilis	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S2S3	G5	FALSE	FALSE	FALSE
Hickorynut	Obovaria olivaria	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	1997			S1	G4	FALSE	FALSE	FALSE
Kidneyshell	Ptychobranchus fasciolaris	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S2	G4G5	FALSE	FALSE	FALSE
Lilliput	Toxolasma parvum	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S2	G5	FALSE	FALSE	FALSE
Mucket	Actinonaias ligamentina	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	1987			S2	G5	FALSE	FALSE	FALSE
Paper Pondshell	Utterbackia imbecillis	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S2S3	G5	FALSE	FALSE	FALSE
Pink Heelsplitter	Potamilus alatus	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S2	G5	FALSE	FALSE	FALSE
Pocketbook	Lampsilis ovata	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2011			S2	G5	FALSE	FALSE	FALSE
Rainbow	Villosa iris	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S2S3	G5	FALSE	FALSE	FALSE
Round Pigtoe	Pleurobema sintoxia	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S2	G4G5	FALSE	FALSE	FALSE
Salamander Mussel	Simpsonia ambigua	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S1	G3	FALSE	FALSE	FALSE
Slippershell Mussel	Alasmodonta viridis	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			S1?	G4G5	FALSE	FALSE	FALSE
Snuffbox	Epioblasma triquetra	Erie	Animal	Mussels and Clams	Freshwater Mussels	Recently Confirmed	2018			SH	G3	FALSE	FALSE	FALSE

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Threeridge	Amblema plicata	Erie	Animal	Mussels and Clams	Freshwater r Mussels	Recently Confirmed	2018			S1S2	G5	FALSE	FALSE	FALSE
Wabash Pigtoe	Fusconaia flava	Erie	Animal	Mussels and Clams	Freshwater r Mussels	Recently Confirmed	2018			S2	G5	FALSE	FALSE	FALSE
Wavyrayed Lampmussel	Lampsilis fasciola	Erie	Animal	Mussels and Clams	Freshwater r Mussels	Recently Confirmed	2017	Threatened		S1S2	G5	FALSE	FALSE	TRUE
Watercress Snail	Fontigens nickliniana	Erie	Animal	Snails	Snails	Possible but not Confirmed				S1S3	G5	FALSE	FALSE	FALSE
Gull Colony	Gull Colony	Erie	Animal	Animal Assemblages	Animal Assemblages	Recently Confirmed	1998			SNRB	GNR	FALSE	FALSE	FALSE
Waterfowl Winter Concentration Area	Waterfowl Winter Concentration Area	Erie	Animal	Animal Assemblages	Animal Assemblages	Recently Confirmed	1994			S3S4N	GNR	FALSE	FALSE	FALSE
Appalachian Tiger Beetle	Cicindela ancocisconensis	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	2003			S2	G3	FALSE	FALSE	TRUE
Blanding's Turtle	Emydoidea blandingii	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	1990-1999	Threatened		S2S3	G4	FALSE	FALSE	TRUE
Cobblestone Tiger Beetle	Cicindela marginipennis	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	2007			S1	G2	FALSE	FALSE	TRUE
Common Map Turtle	Graptemys geographica	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	1990-1999	Game with no open season		S3	G5	FALSE	TRUE	FALSE
Painted Turtle	Chrysemys picta	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	1990-1999	Game with no open season		S5	G5	FALSE	TRUE	FALSE
Slider	Trachemys scripta	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	1990-1999			SNA	G5	TRUE	TRUE	FALSE
Snapping Turtle	Chelydra serpentina	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	1990-1999	Game with open season		S4S5	G5	FALSE	TRUE	FALSE

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Spiny Softshell	Apalone spinifera	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	2018	Special Concern		S2S3	G5	FALSE	FALSE	TRUE
Spotted Turtle	Clemmys guttata	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	1990-1999	Special Concern		S3	G5	FALSE	TRUE	FALSE
Wood Turtle	Glyptemys insculpta	Erie	Animal	Other Animals	Other Animals	Recently Confirmed	1990-1999	Special Concern		S3	G3	FALSE	TRUE	FALSE
American Bittersweet	Celastrus scandens	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed				S4	G5	FALSE	FALSE	FALSE
American Dragonhead	Dracocephalum parviflorum	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
American Ginseng	Panax quinquefolius	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed				S4	G3G4	FALSE	FALSE	FALSE
American Golden Dock	Rumex fueginus	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1898	Endangered		S1	G5	FALSE	FALSE	FALSE
American Gromwell	Lithospermum latifolium	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Threatened		S2	G4	FALSE	FALSE	FALSE
American Knotweed	Polygonum buxiforme	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1S2	G5	FALSE	FALSE	FALSE
American Saltmarsh Bulrush	Bolboschoenus maritimus ssp. paludosus	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Threatened		S2	G5T5	FALSE	FALSE	FALSE
American Sea Rocket	Cakile edentula var. lacustris	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Rare		S3	G5T3T5	FALSE	FALSE	FALSE

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American Strawberry Bush	Euonymus americanus	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
Basilbalm	Monarda clinopodia	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1927	Endangered		S1	G5	FALSE	FALSE	FALSE
Bear's Foot	Smallanthus uvedalia	Erie	Plant	Flowering Plants	Asters Goldenrods and Daisies	Historically Confirmed	1931	Endangered		SH	G4G5	FALSE	FALSE	FALSE
Beck's Water Marigold	Bidens beckii	Erie	Plant	Flowering Plants	Asters Goldenrods and Daisies	Historically Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Big Shellbark Hickory	Carya laciniosa	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	2018	Threatened		S2S3	G5	FALSE	FALSE	FALSE
Bird's Foot Violet	Viola pedata var. pedata	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Threatened		S2	G5TNR	FALSE	FALSE	FALSE
Blue-eyed Mary	Collinsia verna	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		SH	G5	FALSE	FALSE	FALSE
Bluehearts	Buchnera americana	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1834	Endangered		SH	G5?	FALSE	FALSE	FALSE
Bristly Smartweed	Persicaria setacea	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1940	Endangered		S1S2	G5	FALSE	FALSE	FALSE
Bushy Cinquefoil	Potentilla supina ssp. paradoxa	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed		Endangered		S1	G5T5	FALSE	FALSE	FALSE

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Butternut	Juglans cinerea	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed				S4	G3	FALSE	FALSE	FALSE
Canada Bluets	Houstonia canadensis	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Threatened		S2	G4G5	FALSE	FALSE	FALSE
Canada Milk Vetch	Astragalus canadensis var. canadensis	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5T5	FALSE	FALSE	FALSE
Carey's Sedge	Carex careyana	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Endangered		S1S2	G4G5	FALSE	FALSE	FALSE
Clinton's Club Sedge	Trichophorum clintonii	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed	1871	Endangered		S1	G4	FALSE	FALSE	FALSE
Cloud Sedge	Carex haydenii	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Threatened		S2	G5	FALSE	FALSE	FALSE
Cooper's Milkvetch	Astragalus neglectus	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1934	Endangered		S1	G4	FALSE	FALSE	FALSE
Crawe's Sedge	Carex crawei	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Threatened		S2	G5	FALSE	FALSE	FALSE
Cream-colored Avens	Geum virginianum	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1927	Threatened		S2	G5	FALSE	FALSE	FALSE
Culver's Root	Veronicastrum virginicum	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Threatened		S2	G4	FALSE	FALSE	FALSE
Cut-leaved Water Parsnip	Berula erecta	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed				SX	G4G5	FALSE	FALSE	FALSE
Davis' Sedge	Carex davisii	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Threatened		S2	G4	FALSE	FALSE	FALSE

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Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Dotted Horse Mint	Monarda punctata var. punctata	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Endangered		S1	G5T5?	FALSE	FALSE	FALSE
Downy Gentian	Gentiana puberulenta	Erie	Plant	Flowering Plants	Other Flowering Plants	Extirpated	1878			SX	G4G5	FALSE	FALSE	FALSE
Dragon's Mouth Orchid	Arethusa bulbosa	Erie	Plant	Flowering Plants	Orchids	Historically Confirmed		Threatened		S2	G5	FALSE	FALSE	TRUE
Eastern Prairie Fringed Orchid	Platanthera leucophaea	Erie	Plant	Flowering Plants	Orchids	Historically Confirmed		Endangered		SH	G2G3	FALSE	FALSE	FALSE
Elk Sedge	Carex garberi	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed	1920	Endangered		S1	G5	FALSE	FALSE	FALSE
Erect Knotweed	Polygonum erectum	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Rare		S2S3	G5	FALSE	FALSE	FALSE
Fairywand	Chamaelirium luteum	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	1986	Endangered		S1S2	G5	FALSE	FALSE	FALSE
False Hop Sedge	Carex lupuliformis	Erie	Plant	Flowering Plants	Sedges	Recently Confirmed	1990	Threatened		S2	G4	FALSE	FALSE	FALSE
False Rue Anemone	Enemion biternatum	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed	1930			SX	G5	FALSE	FALSE	FALSE
Field Dodder	Cuscuta campestris	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
Field Pansy	Viola bicolor	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE

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Five-angled Dodder	Cuscuta pentagona	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Rare		S3	G4G5	FALSE	FALSE	FALSE
Forest Blue Grass	Poa sylvestris	Erie	Plant	Flowering Plants	Grasses	Historically Confirmed	1988	Endangered		S1	G5	FALSE	FALSE	FALSE
Fragrant Flat Sedge	Cyperus odoratus	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Frank's Sedge	Carex frankii	Erie	Plant	Flowering Plants	Sedges	Recently Confirmed		Threatened		S2	G5	FALSE	FALSE	FALSE
Georgia Bulrush	Scirpus georgianus	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Endangered		S1S2	G5	FALSE	FALSE	FALSE
Goldenseal	Hydrastis canadensis	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	2017	Threatened		S2	G3G4	FALSE	FALSE	TRUE
Goosefoot Cornsalad	Valerianella chenopodiifolia	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1862	Endangered		S1	G4	FALSE	FALSE	FALSE
Great St. John's Wort	Hypericum ascyron ssp. pyramidatum	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Rare		S3	G4T4	FALSE	FALSE	FALSE
Green Gentian	Frasera caroliniensis	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	2009	Threatened		S2	G5	FALSE	FALSE	FALSE
Grooved Yellow Flax	Linum sulcatum	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Threatened		S2	G5	FALSE	FALSE	FALSE
Hairy Angelica	Angelica venenosa	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
Hairy Small-leaved Tick Trefoil	Desmodium ciliare	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Threatened		S2S3	G5	FALSE	FALSE	FALSE

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Hairy-jointed Meadow Parsnip	Thaspium barbinode	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
Harbinger-of-spring	Erigenia bulbosa	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1942	Endangered		S1	G5	FALSE	FALSE	FALSE
Heart-leaved Plantain	Plantago cordata	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	1999	Rare		S3	G4	FALSE	FALSE	FALSE
Heart-leaved Twayblade	Neottia cordata var. cordata	Erie	Plant	Flowering Plants	Orchids	Historically Confirmed		Rare		S3S4	G5T5	FALSE	FALSE	FALSE
Hooker's Orchid	Platanthera hookeri	Erie	Plant	Flowering Plants	Orchids	Historically Confirmed	1946	Endangered		S1	G4	FALSE	FALSE	TRUE
Indian Paintbrush	Castilleja coccinea	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1926	Endangered		S1	G5	FALSE	FALSE	TRUE
Jesup's Hawthorn	Crataegus jesupii	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		SH	G4G5	FALSE	FALSE	FALSE
Lake Water Cress	Rorippa aquatica	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1885	Threatened		S2	G4?	FALSE	FALSE	FALSE
Large Yellow Lady's Slipper	Cypripedium parviflorum var. pubescens	Erie	Plant	Flowering Plants	Orchids	Recently Confirmed				S4	G5T5	FALSE	FALSE	FALSE
Leonard's Skullcap	Scutellaria parvula var. missouriensis	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Endangered		S1	G4T4	FALSE	FALSE	FALSE

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Limestone Calamint	Clinopodium arkansanum	Erie	Plant	Flowering Plants	Other Flowering Plants	Extirpated	1926			SX	G5	FALSE	FALSE	FALSE
Linear-leaved Loosestrife	Lysimachia quadriflora	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	1991	Endangered		S1	G5?	FALSE	FALSE	FALSE
Marsh Arrow Grass	Triglochin palustris	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1875	Threatened		S2	G5	FALSE	FALSE	FALSE
Marsh Lousewort	Pedicularis lanceolata	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	1994	Threatened		S2S3	G5	FALSE	FALSE	FALSE
Marsh Valerian	Valeriana uliginosa	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1S2	G4	FALSE	FALSE	FALSE
Mead's Sedge	Carex meadii	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed	1924	Endangered		SH	G4G5	FALSE	FALSE	FALSE
Nodding Onion	Allium cernuum	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1971	Threatened		S2	G5	FALSE	FALSE	FALSE
Nodding Rattlesnake Root	Nabalus crepidineus	Erie	Plant	Flowering Plants	Asters Goldenrods and Daisies	Historically Confirmed	1863	Endangered		SH	G4	FALSE	FALSE	FALSE
Nodding Trillium	Trillium flexipes	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	TRUE
Northern Bog Aster	Symphyotrichum boreale	Erie	Plant	Flowering Plants	Asters Goldenrods and Daisies	Historically Confirmed	1921	Threatened		S2	G5	FALSE	FALSE	FALSE

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Northern Bog Violet	Viola nephrophylla	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1922	Endangered		S1	G5	FALSE	FALSE	FALSE
Northern Tansy Mustard	Descurainia pinnata ssp. brachycarpa	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1937	Endangered		S1	G5T5	FALSE	FALSE	FALSE
Northern Wild Comfrey	Andersonglossum boreale	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1927	Endangered		S1S2	G5T4T5	FALSE	FALSE	FALSE
Ovate Spike Rush	Eleocharis ovata	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Threatened		S2S3	G5	FALSE	FALSE	FALSE
Pale Vetchling	Lathyrus ochroleucus	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Pawpaw	Asimina triloba	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	2001	Threatened		S2	G5	FALSE	FALSE	FALSE
Perfoliate-leaved Horse Gentian	Triosteum perfoliatum	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Pine Drops	Pterospora andromedea	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	1990	Endangered		S1	G5	FALSE	FALSE	TRUE
Pink Shinleaf	Pyrola asarifolia ssp. asarifolia	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Threatened		S2S3	G5T5	FALSE	FALSE	FALSE
Plum-leaved Hawthorn	Crataegus persimilis	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1908	Endangered		SH	G5?	FALSE	FALSE	FALSE

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Pod Grass	Scheuchzeria palustris	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Prairie Wedge Grass	Sphenopholis obtusata	Erie	Plant	Flowering Plants	Grasses	Possible but not Confirmed	1934	Endangered		S1	G5	FALSE	FALSE	FALSE
Purple Wild Bergamot	Monarda media	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G4?	FALSE	FALSE	FALSE
Puttyroot	Aplectrum hyemale	Erie	Plant	Flowering Plants	Orchids	Recently Confirmed	1888	Endangered		S1	G5	FALSE	FALSE	TRUE
Red-rooted Flat Sedge	Cyperus erythrorhizos	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Reflexed Sedge	Carex retroflexa	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed				S4	G5	FALSE	FALSE	FALSE
Rigid Tick Trefoil	Desmodium obtusum	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed		Endangered		S1	G4G5	FALSE	FALSE	FALSE
Rigid Yellow Flax	Linum striatum	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Rock Elm	Ulmus thomasii	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Rock Whitlow Grass	Draba arabisans	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	1997	Threatened		S2	G4G5	FALSE	FALSE	FALSE
Rough-leaved Dogwood	Cornus drummondii	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	2017	Endangered		S1	G5	FALSE	FALSE	FALSE

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Round-leaved Water Cress	Cardamine rotundifolia	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1930	Endangered		S1	G4	FALSE	FALSE	FALSE
Sartwell's Sedge	Carex sartwellii	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Endangered		S1S2	G5	FALSE	FALSE	FALSE
Satin Brome	Bromus nottowayanus	Erie	Plant	Flowering Plants	Grasses	Recently Confirmed		Endangered		S1S2	G4G5	FALSE	FALSE	FALSE
Schweinitz's Flat Sedge	Cyperus schweinitzii	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Schweinitz's Sedge	Carex schweinitzii	Erie	Plant	Flowering Plants	Sedges	Recently Confirmed	1930	Threatened		S2S3	G3G4	FALSE	FALSE	FALSE
Shaggy Marbleseed	Lithospermum parviflorum	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		SH	G4G5T4	FALSE	FALSE	FALSE
Sharp-tipped Blue-eyed Grass	Sisyrinchium mucronatum	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
Showy Lady's Slipper	Cypripedium reginae	Erie	Plant	Flowering Plants	Orchids	Recently Confirmed		Rare		S3	G4G5	FALSE	FALSE	FALSE
Shumard Oak	Quercus shumardii	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	2012	Endangered		S1	G5	FALSE	FALSE	FALSE
Sky-blue Aster	Symphyotrichum oolentangiense	Erie	Plant	Flowering Plants	Asters Goldenrods and Daisies	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE

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Small Northern Yellow Lady's Slipper	Cypripedium parviflorum var. makasin	Erie	Plant	Flowering Plants	Orchids	Recently Confirmed				S4	G5T4T5	FALSE	FALSE	FALSE
Small White Lady's Slipper	Cypripedium candidum	Erie	Plant	Flowering Plants	Orchids	Historically Confirmed	1923	Endangered		S1	G4	FALSE	FALSE	TRUE
Small Yellow Sedge	Carex cryptolepis	Erie	Plant	Flowering Plants	Sedges	Recently Confirmed		Rare		S3	G4G5	FALSE	FALSE	FALSE
Small-flowered Agalinis	Agalinis paupercula	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Rare		S3	G5	FALSE	FALSE	FALSE
Small-headed Aster	Symphyotrichum lanceolatum var. interior	Erie	Plant	Flowering Plants	Asters Goldenrods and Daisies	Possible but not Confirmed		Endangered		SH	G5T5	FALSE	FALSE	FALSE
Smaller Fringed Gentian	Gentianopsis virgata ssp. virgata	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1885	Endangered		S1	G5TNRQ	FALSE	FALSE	FALSE
Smooth Beggar Ticks	Bidens laevis	Erie	Plant	Flowering Plants	Asters Goldenrods and Daisies	Possible but not Confirmed		Threatened		S2	G5	FALSE	FALSE	FALSE
Southern Blue Flag	Iris virginica	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	2012	Endangered		S1	G5	FALSE	FALSE	FALSE
Southern Swamp Buttercup	Ranunculus septentrionalis	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Endangered		S1	GNR	FALSE	FALSE	FALSE

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Southern Twayblade	Neottia bifolia	Erie	Plant	Flowering Plants	Orchids	Historically Confirmed	1930	Threatened		S2	G4	FALSE	FALSE	TRUE
Sparse-flowered Sedge	Carex tenuiflora	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Endangered		S1S2	G5	FALSE	FALSE	FALSE
Speckled Wood Lily	Clintonia umbellulata	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Threatened		S2	G5	FALSE	FALSE	FALSE
Spreading Chervil	Chaerophyllum procumbens var. procumbens	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed		Endangered		S1	G5T5	FALSE	FALSE	FALSE
Spreading Globeflower	Trollius laxus	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1933	Rare		S3	G5T3	FALSE	FALSE	FALSE
Spreading Rush	Juncus subcaudatus	Erie	Plant	Flowering Plants	Rushes	Possible but not Confirmed	1934	Endangered		S1	G5	FALSE	FALSE	FALSE
Stalked Bugleweed	Lycopus rubellus	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1921	Endangered		S1	G5	FALSE	FALSE	FALSE
Sticky False Asphodel	Triantha glutinosa	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
Stiff Flat-topped Goldenrod	Solidago rigida var. rigida	Erie	Plant	Flowering Plants	Asters Goldenrods and Daisies	Recently Confirmed	2021	Threatened		S2	G5T5	FALSE	FALSE	FALSE
Stuve's Bush Clover	Lespedeza stuevei	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed		Threatened		S2	G4?	FALSE	FALSE	FALSE

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Swamp Birch	Betula pumila	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed		Threatened		S2	G5	FALSE	FALSE	FALSE
Tall Bellflower	Campanula americana	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
Tall Hairy Lettuce	Lactuca hirsuta	Erie	Plant	Flowering Plants	Asters Goldenrods and Daisies	Historically Confirmed	1921	Endangered		S1	G5?	FALSE	FALSE	FALSE
Thread-leaved Pondweed	Stuckenia filiformis	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1929	Endangered		S1	G5	FALSE	FALSE	FALSE
Three Birds Orchid	Triphora trianthophorosa ssp. trianthophorosa	Erie	Plant	Flowering Plants	Orchids	Recently Confirmed	1991	Threatened		S2	G4?T4?	FALSE	FALSE	FALSE
Twinleaf	Jeffersonia diphylla	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	1987	Threatened		S2	G5	FALSE	FALSE	FALSE
Variable Rosette Grass	mm commutatum ssp. commutatum	Erie	Plant	Flowering Plants	Grasses	Historically Confirmed		Endangered		SH	G5TNRQ	FALSE	FALSE	FALSE
Virginia Ground Cherry	Physalis virginiana var. virginiana	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed	1899	Endangered		SH	G5T5	FALSE	FALSE	FALSE
Wafer Ash	Ptelea trifoliata var. trifoliata	Erie	Plant	Flowering Plants	Other Flowering Plants	Recently Confirmed	2020	Threatened		S2	G5T5	FALSE	FALSE	FALSE

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Weak-stalked Bulrush	Schoenoplectiella purshiana var. purshiana	Erie	Plant	Flowering Plants	Sedges	Historically Confirmed		Rare		S3?	G4G5T4T5	FALSE	FALSE	FALSE
White Milkweed	Asclepias variegata	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
Whorled Milkweed	Asclepias verticillata	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed		Threatened		S2	G5	FALSE	FALSE	FALSE
Wild Licorice	Glycyrrhiza lepidota	Erie	Plant	Flowering Plants	Other Flowering Plants	Extirpated	1878			SX	G5	FALSE	FALSE	FALSE
Wild Lupine	Lupinus perennis ssp. perennis	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed		Rare		S3	G5T4?	FALSE	FALSE	FALSE
Wild Potato Vine	Ipomoea pandurata	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed		Endangered		S1	G5	FALSE	FALSE	FALSE
Wild Sweet William	Phlox maculata ssp. maculata	Erie	Plant	Flowering Plants	Other Flowering Plants	Possible but not Confirmed		Threatened		S2	G5T4T5	FALSE	FALSE	FALSE
Wiry Witch Grass	Panicum flexile	Erie	Plant	Flowering Plants	Grasses	Recently Confirmed	1991	Rare		S3	G5	FALSE	FALSE	FALSE
Yellow Giant Hyssop	Agastache nepetoides	Erie	Plant	Flowering Plants	Other Flowering Plants	Historically Confirmed	1930	Threatened		S2S3	G5	FALSE	FALSE	FALSE
Hidden Spike Moss	Selaginella eclipses	Erie	Plant	Ferns and Fern Allies	Quillworts	Historically Confirmed		Threatened		S2	G4	FALSE	FALSE	FALSE

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Lowland Fragile Fern	Cystopteris protrusa	Erie	Plant	Ferns and Fern Allies	Ferns	Historically Confirmed	1927	Endangered		S1	G5	FALSE	FALSE	TRUE
Marsh Horsetail	Equisetum palustre	Erie	Plant	Ferns and Fern Allies	Horsetails	Historically Confirmed	1861	Threatened		S2	G5	FALSE	FALSE	FALSE
Calcareous Cliff Community	Calcareous cliff community	Erie	Natural Community	Uplands	Open Uplands	Recently Confirmed	2017			S3	G4	FALSE	FALSE	FALSE
Calcareous Talus Slope Woodland	Calcareous talus slope woodland	Erie	Natural Community	Uplands	Barrens and Woodlands	Historically Confirmed	1985			S3	G3G4	FALSE	FALSE	FALSE
Cobble Shore	Cobble shore	Erie	Natural Community	Uplands	Open Uplands	Recently Confirmed	2017			S4	G4G5	FALSE	FALSE	FALSE
Great Lakes Dunes	Great Lakes dunes	Erie	Natural Community	Uplands	Open Uplands	Recently Confirmed	1999			S1	G3G4	FALSE	FALSE	FALSE
Hemlock-Northern Hardwood Forest	Hemlock-northern hardwood forest	Erie	Natural Community	Uplands	Forested Uplands	Recently Confirmed	2017			S3	G4G5	FALSE	FALSE	FALSE
Limestone Woodland	Limestone woodland	Erie	Natural Community	Uplands	Barrens and Woodlands	Recently Confirmed	2017			S2S3	G3G4	FALSE	FALSE	FALSE
Oak Openings	Oak openings	Erie	Natural Community	Uplands	Barrens and Woodlands	Historically Confirmed	1990			S1	G2	FALSE	FALSE	FALSE
Rich Mesophytic Forest	Rich mesophytic forest	Erie	Natural Community	Uplands	Forested Uplands	Recently Confirmed	2017			S2S3	G4	FALSE	FALSE	FALSE

Attachment B
New York Nature Explorer

Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Riverside Sand/Gravel Bar	Riverside sand/gravel bar	Erie	Natural Community	Uplands	Open Uplands	Recently Confirmed	2017			S3S4	G5	FALSE	FALSE	FALSE
Shale Cliff and Talus Community	Shale cliff and talus community	Erie	Natural Community	Uplands	Open Uplands	Recently Confirmed	2017			S3	G4	FALSE	FALSE	FALSE
Black Spruce-Tamarack Bog	Black spruce-tamarack bog	Erie	Natural Community	Freshwater Nontidal Wetlands	Forested Peatlands	Recently Confirmed	2005			S3	G4G5	FALSE	FALSE	FALSE
Deep Emergent Marsh	Deep emergent marsh	Erie	Natural Community	Freshwater Nontidal Wetlands	Open Mineral Soil Wetlands	Recently Confirmed	2013			S3	G5	FALSE	FALSE	FALSE
Dwarf Shrub Bog	Dwarf shrub bog	Erie	Natural Community	Freshwater Nontidal Wetlands	Open Peatlands	Historically Confirmed	1990			S3	G4	FALSE	FALSE	FALSE
Hemlock-Hardwood Swamp	Hemlock-hardwood swamp	Erie	Natural Community	Freshwater Nontidal Wetlands	Forested Mineral Soil Wetlands	Historically Confirmed	1990			S3	G4G5	FALSE	FALSE	FALSE
Highbush Blueberry Bog Thicket	Highbush blueberry bog thicket	Erie	Natural Community	Freshwater Nontidal Wetlands	Open Peatlands	Historically Confirmed	1990			S3	G4	FALSE	FALSE	FALSE
Rich Graminoid Fen	Rich graminoid fen	Erie	Natural Community	Freshwater Nontidal Wetlands	Open Peatlands	Recently Confirmed	1999			S1	G3	FALSE	FALSE	FALSE
Rich Hemlock-Hardwood Peat Swamp	Rich hemlock-hardwood peat swamp	Erie	Natural Community	Freshwater Nontidal Wetlands	Forested Peatlands	Historically Confirmed	1990			S2S3	G3G4	FALSE	FALSE	FALSE

Attachment B
New York Nature Explorer

Common Name	Scientific Name	Location	Type	Group	Subgroup	Distribution Status	Year Last Documented	State Protection Status	Federal Protection Status	State Conservation Rank	Global Conservation Rank	Non Native	Common	Restricted
Rich Sloping Fen	Rich sloping fen	Erie	Natural Community	Freshwater Nontidal Wetlands	Open Peatlands	Recently Confirmed	2017			S1?	G3	FALSE	FALSE	FALSE
Silver Maple-Ash Swamp	Silver maple-ash swamp	Erie	Natural Community	Freshwater Nontidal Wetlands	Forested Mineral Soil Wetlands	Recently Confirmed	2015			S3	G4	FALSE	FALSE	FALSE
Confined River	Confined river	Erie	Natural Community	Rivers and Streams	Natural Rivers and Streams	Recently Confirmed	2017			S3S4	G4	FALSE	FALSE	FALSE
Rocky Headwater Stream	Rocky headwater stream	Erie	Natural Community	Rivers and Streams	Natural Rivers and Streams	Recently Confirmed	2000			S4	G4	FALSE	FALSE	FALSE

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Project :

Date :

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer “**Yes**” to a numbered question, please complete all the questions that follow in that section.
- If you answer “**No**” to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box “Moderate to large impact may occur.”
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the “whole action”.
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) <i>If “Yes”, answer questions a - j. If “No”, move on to Section 2.</i>				<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur		
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	<input type="checkbox"/>	<input type="checkbox"/>		
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	<input type="checkbox"/>	<input type="checkbox"/>		
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	<input type="checkbox"/>	<input type="checkbox"/>		
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	<input type="checkbox"/>	<input type="checkbox"/>		
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	<input type="checkbox"/>	<input type="checkbox"/>		
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	<input type="checkbox"/>	<input type="checkbox"/>		
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	<input type="checkbox"/>	<input type="checkbox"/>		
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>		

2. Impact on Geological Features The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - c. If "No", move on to Section 3.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____	E2g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

3. Impacts on Surface Water The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - l. If "No", move on to Section 4.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	<input type="checkbox"/>	<input type="checkbox"/>

I. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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4. Impact on groundwater The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If “Yes”, answer questions a - h. If “No”, move on to Section 5.</i>			
	<input type="checkbox"/> NO	<input type="checkbox"/> YES	
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	<input type="checkbox"/>	<input type="checkbox"/>
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

5. Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) <i>If “Yes”, answer questions a - g. If “No”, move on to Section 6.</i>			
	<input type="checkbox"/> NO	<input type="checkbox"/> YES	
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in development within a 100 year floodplain.	E2j	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in development within a 500 year floodplain.	E2k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	<input type="checkbox"/>	<input type="checkbox"/>
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	<input type="checkbox"/>	<input type="checkbox"/>

g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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6. Impacts on Air The proposed action may include a state regulated air emission source. <input type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.f., D.2.h, D.2.g) <i>If “Yes”, answer questions a - f. If “No”, move on to Section 7.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO ₂) ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane	D2g D2g D2g D2g D2g D2h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in “a” through “c”, above.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If “Yes”, answer questions a - j. If “No”, move on to Section 8.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	<input type="checkbox"/>	<input type="checkbox"/>

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____	E1b	<input type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	<input type="checkbox"/>	<input type="checkbox"/>
j. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

8. Impact on Agricultural Resources The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - h. If "No", move on to Section 9.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

9. Impact on Aesthetic Resources The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.) <i>If "Yes", answer questions a - g. If "No", go to Section 10.</i>			
		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2 -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

10. Impact on Historic and Archeological Resources The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) <i>If "Yes", answer questions a - e. If "No", go to Section 11.</i>			
		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	<input type="checkbox"/>	<input type="checkbox"/>

d. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
<p>If any of the above (a-d) are answered “Moderate to large impact may occur”, continue with the following questions to help support conclusions in Part 3:</p> <p>e.</p> <p>i. The proposed action may result in the destruction or alteration of all or part of the site or property.</p> <p>ii. The proposed action may result in the alteration of the property’s setting or integrity.</p> <p>iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.</p>	<p>E3e, E3g, E3f</p> <p>E3e, E3f, E3g, E1a, E1b</p> <p>E3e, E3f, E3g, E3h, C2, C3</p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>	<p><input type="checkbox"/></p> <p><input type="checkbox"/></p> <p><input type="checkbox"/></p>

11. Impact on Open Space and Recreation The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.) <i>If “Yes”, answer questions a - e. If “No”, go to Section 12.</i>			
		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or “ecosystem services”, provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

12. Impact on Critical Environmental Areas The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) <i>If “Yes”, answer questions a - c. If “No”, go to Section 13.</i>			
		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

13. Impact on Transportation

The proposed action may result in a change to existing transportation systems.

☐ NO

☐ YES

(See Part 1. D.2.j)

If “Yes”, answer questions a - f. If “No”, go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action will degrade existing transit access.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy.

☐ NO

☐ YES

(See Part 1. D.2.k)

If “Yes”, answer questions a - e. If “No”, go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Impacts: _____ _____			

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting.

☐ NO

☐ YES

(See Part 1. D.2.m., n., and o.)

If “Yes”, answer questions a - f. If “No”, go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day.	D2o	<input type="checkbox"/>	<input type="checkbox"/>

d. The proposed action may result in light shining onto adjoining properties.	D2n	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.)

☐ NO

☐ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	<input type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	<input type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: _____ _____			

17. Consistency with Community Plans The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) <i>If “Yes”, answer questions a - h. If “No”, go to Section 18.</i>			
		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action’s land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

18. Consistency with Community Character The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) <i>If “Yes”, answer questions a - g. If “No”, proceed to Part 3.</i>			
		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

The proposed action may result in one or more significant adverse impacts on the environment based on the information contained in the Full EAF – Part 1 for the project dated June 26, 2024. Based upon Part 2 of the Full EAF, the proposed action may result in potentially significant adverse environmental impacts on the following categories, which warrant additional analyses:

- **Impact on Land:** The proposed action would require the removal of a large quantity of natural material and bedrock, and the construction period is anticipated to last up to four (4) years. In addition, a large area of soil would be temporarily exposed.
- **Impact on Air:** The proposed action would involve construction activities that could have the potential to release hydrogen sulfide into the atmosphere.
- **Impact on Transportation:** During construction of the proposed action, closure of a portion of a main thoroughfare in the area for up to 9 months would be necessary to support construction.
- **Impact on Noise, Odor, and Light:** During construction, blasting would occur in the vicinity of residences and businesses, which would be noticeable from these receptors. Due to the composition of bedrock layers in the area, there is the potential for hydrogen sulfide, which has a noticeable odor, to be released during construction. Once operational, there could be the occurrence of intermittent odors when the combined sewer overflow (CSO) Storage Facility is in use.

In addition, the project location in the Masten District of Buffalo is within a New York State Department of Environmental Conservation (NYSDEC)-designated potential environmental justice area (PEJA) and disadvantaged community (DAC).

These resource categories, along with a presentation of how the project may also result in small impacts on other resources, will be further evaluated in the Environmental Impact Statement for the proposed action.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☒ Unlisted

Identify portions of EAF completed for this Project: ☒ Part 1 ☒ Part 2 ☒ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

N/A

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Buffalo Sewer Authority _____ as lead agency that:

☐ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).


☒ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: East Delavan Trunk Sewer Improvements Project

Name of Lead Agency: Buffalo Sewer Authority

Name of Responsible Officer in Lead Agency: Rosaleen B. Nogle

Title of Responsible Officer: Principal Sanitary Engineer

Signature of Responsible Officer in Lead Agency: 

Date: 6/23/2025

Signature of Preparer (if different from Responsible Officer) 

Date: 6/23/25

For Further Information:

Contact Person: Regina Harris

Address: 65 Niagara Square, Buffalo, NY 14202

Telephone Number: 716-851-4664

E-mail: 716-851-4664

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)

Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>