



ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

September 8, 2021

To: Terrence D. McCracken, Secretary to the Authority

From: Michael J. Quinn, Senior Distribution Engineer

A handwritten signature in dark ink, appearing to read "MJQ", is written over the name "Michael J. Quinn".

Subject: Contract MP-084
48-inch Transmission Main, Town of Tonawanda
SEQRA Negative Declaration
ECWA Project No. 202000084

On February 13, 2020, the Erie County Water Authority (the Authority) executed an agreement with Arcadis for the design and construction of a new 48-inch diameter transmission main from the southernmost point on Brookside Terrace West (in the City of Tonawanda) easterly to a point approximately 325 feet west of Military Road in the Town of Tonawanda (approximate length of 4,250 LF). The new transmission main will parallel the existing 48-inch transmission main in that area, adding a redundant pipe to the distribution system. (the Project).

Due to the scope of the Project, the Authority's Engineering and Legal Departments believe that the action is subject to review under the New York State Environmental Quality Review Act (SEQRA). Recognizing the need for certain expertise in the area of the SEQRA regulations, the Authority requested input on the SEQRA process from Harris Beach. The Authority Engineering Staff, Harris Beach and Arcadis thoroughly reviewed the Project specifics, prepared the Full Environmental Assessment Form (FEAF), and determined that the Project should be appropriately designated as an Unlisted Action, as defined under SEQRA. As an Unlisted Action, the Project is subject to further review under SEQRA.

Given the fact that the Project has been identified as an Unlisted Action under SEQRA, the Engineering and legal Departments recommended that the Authority declare itself Lead Agency, as defined under SEQRA, and conduct a coordinated review of the Project thereby seeking input from various other Involved and Interested Agencies. On August 13, 2020, the ECWA Board declared itself Lead Agent and authorized the commencement of the coordinated review. Subsequent to that initial coordinated review process the team identified additional environmental factor that needed to be addressed in the FEAF and as such paused the SEQR process and enlisted assistance from Harris Beach for further support. After completion of additional environmental review and revision of the original FEAF, on July 31, 2021 the coordinated review process was restarted and letters were again sent to the interested and involved parties.

During the final coordinated review process, the City and Town of Tonawanda, the Erie County Department of Health and the New York State Departments of Environmental Conservation and Transportation were included as Involved Agencies, as defined under SEQRA. These agencies

have been so designated because they need to take discretionary actions and issue approvals as so related to the Project. The FEAF was sent to each party to solicit input on the Authority's Lead Agency Status as well as comments on the environmental impact of the project. During the coordinated review, the Authority received only minor technical comments from both the New York State Departments of Environmental Conservation and Transportation and did not receive any objections with respect to it acting as lead agency for the purpose of conducting the SEQRA review and more than 30 days have elapsed since the Project Notice was transmitted to each involved agency. As a result, the Authority has been installed as lead agency.

Following completion of the coordinated review process, the Authority has thoroughly considered the Project and has reviewed Part 1 of the EAF; completed Parts 2 and 3 of the Full EAF and considered the other documents and information in connection with the Project. Included as Attachment 1 find a copy if the complete FEAF (Parts 1, 2 and 3) which fully outline and document the findings. The Engineering Department and Harris Beach have thoroughly reviewed all project SEQR related documents and agree with the findings outlined in the FEAF. It is the Engineering Department's recommendation that the SEQR process was thorough, and the assessment has not identified any significant adverse environmental impacts associated with the Project and that the Project will result in no significant adverse impacts on the environment and, therefore, an environmental impact statement need not be prepared.

Based on the above, it is recommended that the Authority issue a Negative Declaration for the Project and that Leonard F. Kowalski, Executive Engineer of the Authority, be authorized to execute Part 3 of the EAF setting forth the Negative Declaration.

MJQ:jmf

Attachments

cc: R.Stoll

L.Kowalski

S.Denzler

CONT-MP-084-2001-X-31

Attachment 1

Mr. Leonard Kowalski, P.E.
Executive Engineer
Erie County Water Authority
3030 Union Road
Cheektowaga, NY 14227

Arcadis of New York, Inc.
50 Fountain Plaza
Suite 600
Buffalo
New York 14202
Tel 716 667 0900
Fax 716 842 2612
www.arcadis.com

WATER BUSINESS LINE

Subject:

MP-84: Town of Tonawanda Transmission Main Improvements
State Environmental Quality Review Determination Recommendation

Date:
September 3, 2021

Mr. Kowalski:

Contact:
Dan Seider, PE

Arcadis of New York, Inc. (Arcadis) recommends that the Erie County Water Authority (ECWA) prepare a Negative Declaration for the MP-84: Town of Tonawanda Transmission Main Improvements project to complete the requirements of the State Environmental Quality Review (SEQR) process. Please find enclosed the Full Environmental Assessment Form (FEAF) Parts 1, 2, and 3 as prepared for this project. Through our review, it has been determined that there would be no "Moderate to Large" impacts that may occur as a result of the proposed project implementation. In accordance with SEQR guidance, "If you checked "No or small impact may occur" for all eighteen questions in Part 2, then you are only required to check the "this project will result in no significant adverse impacts on the environment" line from Part 3, fill out the reviewing agency information, date, and sign the form."

Phone:
716-667-6670

Email:
Daniel.Seider@arcadis.com

Our ref:
30041729

A Lead Agency Declaration letter and Part 1 (with attachments) of the FEAF were distributed via email to the following involved agencies for their coordinated review on July 30, 2021, which started a 30-day review and response period:

- New York State Department of Environmental Conservation (NYS DEC) Division of Environmental Permits
- New York State Department of Transportation (NYS DOT)
- Erie County Health Department
- Town of Tonawanda
- City of Tonawanda

Following the close of the 30-day review and response period, comments were received from the following Involved Agencies:

- NYS DOT (permitting and schedule, and concurrence with Lead Agency Declaration)

MP-84: Town of Tonawanda Transmission Main Improvements
State Environmental Quality Review Determination Recommendation

- NYS DEC Division of Environmental Permits (permitting and design, and concurrence with Lead Agency Declaration)

No objection to ECWA as Lead Agency was received.

Although the proposed project is located in proximity to wet areas, it was determined through the Jurisdictional Determination process with the U.S. Army Corps of Engineers (USACE) (determination dated July 15, 2021) that the proximal aquatic resources are not Waters of the U.S. and therefore, are not regulated under Section 404 of the Clean Water Act or Section 10 of the Rivers and Harbors Act of 1899. Therefore, no permit or approval is required to be obtained from the USACE for this proposed project.

It has been determined that the proposed project would likely disturb greater than one acre of land during construction. To mitigate the potential environmental impacts associated with this disturbance, a Stormwater Pollution Prevention Plan (SWPPP) and Notice of Intent will be prepared.

Based on the lack of moderate to large impacts anticipated resulting from construction and operation of the proposed project, the plans for Best Management Practices (BMPs) and the lack of comment from Involved Agencies related to the potential for impacts, we recommend that ECWA prepare and adopt a Negative Declaration for this project.

Sincerely,



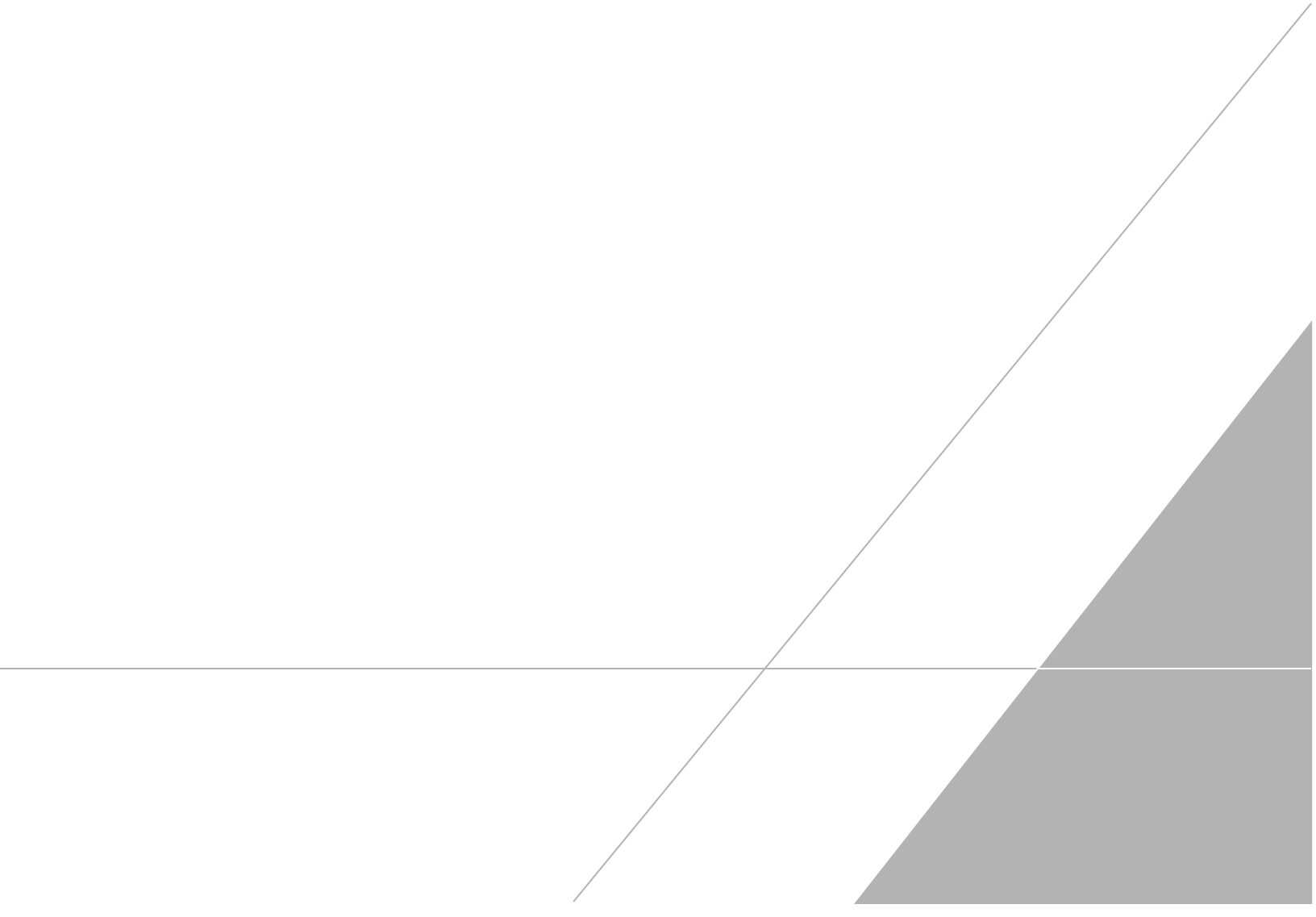
Dan Seider, PE
Project Manager

Enclosures:

1 SEQR Draft FEAF Parts 1, 2 and 3

ENCLOSURE 1:

SEQR Draft EAF Parts 1, 2, and 3



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:		
Project Location (describe, and attach a general location map):		
Brief Description of Proposed Action (include purpose or need):		
Name of Applicant/Sponsor:		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Project Contact (if not same as sponsor; give name and title/role):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not 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 Counsel, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No		
c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input 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 type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input type="checkbox"/> Yes <input type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input 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

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):

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?

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? _____

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

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

d. What parks serve the project site?

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)?

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

b. Total acreage to be physically disturbed? _____ acres

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

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? <input type="checkbox"/> Yes <input type="checkbox"/> 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)? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes,	
<i>i.</i> Total number of structures _____ <i>ii.</i> Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length <i>iii.</i> Approximate extent of building space to be heated or cooled: _____ square feet	

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? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes,	
<i>i.</i> Purpose of the impoundment: _____ <i>ii.</i> If a water impoundment, the principal source of the water: <input type="checkbox"/> Ground water <input type="checkbox"/> Surface water streams <input type="checkbox"/> Other specify: _____ <i>iii.</i> If other than water, identify the type of impounded/contained liquids and their source. _____ <i>iv.</i> Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres <i>v.</i> Dimensions of the proposed dam or impounding structure: _____ height; _____ length <i>vi.</i> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) If Yes:	
<i>i.</i> What is the purpose of the excavation or dredging? _____ <i>ii.</i> How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? • Volume (specify tons or cubic yards): _____ • Over what duration of time? _____ <i>iii.</i> Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____ _____ _____ <i>iv.</i> Will there be onsite dewatering or processing of excavated materials? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe. _____ _____ _____ <i>v.</i> What is the total area to be dredged or excavated? _____ acres <i>vi.</i> What is the maximum area to be worked at any one time? _____ acres <i>vii.</i> What would be the maximum depth of excavation or dredging? _____ feet <i>viii.</i> Will the excavation require blasting? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>ix.</i> Summarize site reclamation goals and plan: _____ _____ _____	

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? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes:	
<i>i.</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 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?</p> <p style="padding-left: 20px;">_____ Square feet or _____ acres (impervious surface)</p> <p style="padding-left: 20px;">_____ Square feet or _____ acres (parcel size)</p> <p>ii. Describe types of new point sources. _____ _____</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)? _____ _____</p> <ul style="list-style-type: none"> • If to surface waters, identify receiving water bodies or wetlands: _____ _____ • Will stormwater runoff flow to adjacent properties? _____ 	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input 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) _____</p> <p>ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) _____</p> <p>iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) _____</p>	<input 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 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 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 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 type="checkbox"/> No</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? Yes 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 type="checkbox"/> No</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 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: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> <td style="width: 50%; vertical-align: top;"> <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> </tr> </table>		<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____
<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ 		

<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input 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>_____</p>	
<p>ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>n. Will the proposed action have outdoor lighting? <input type="checkbox"/> Yes <input type="checkbox"/> No</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>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Describe: _____</p> <p>_____</p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p> <p>_____</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 type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally, describe the proposed storage facilities: _____</p> <p>_____</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 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 type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <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 : _____ tons per _____ (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: _____ _____ • Operation: _____ _____ <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> • Construction: _____ _____ • Operation: _____ _____ 	

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: _____

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

 iii. Specify amount to be handled or generated _____ tons/month
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No
 If Yes: provide name and location of facility: _____

 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. <input type="checkbox"/> Urban <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban) <input type="checkbox"/> Rural (non-farm) <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____ ii. If mix of uses, generally describe: _____ _____			
b. Land uses and coverytypes on the project site.			
Land use or Coverytype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____ _____			

<p>c. Is the project site presently used by members of the community for public recreation? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>i. If Yes: explain: _____</p>	
<p>d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes,</p> <p>i. Identify Facilities: _____</p> <p>_____</p>	
<p>e. Does the project site contain an existing dam? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Dimensions of the dam and impoundment:</p> <ul style="list-style-type: none"> • Dam height: _____ feet • Dam length: _____ feet • Surface area: _____ acres • Volume impounded: _____ gallons OR acre-feet <p>ii. Dam's existing hazard classification: _____</p> <p>iii. Provide date and summarize results of last inspection: _____</p> <p>_____</p>	
<p>f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Has the facility been formally closed? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <ul style="list-style-type: none"> • If yes, cite sources/documentation: _____ <p>ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____</p> <p>_____</p> <p>iii. Describe any development constraints due to the prior solid waste activities: _____</p> <p>_____</p>	
<p>g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: _____</p> <p>_____</p>	
<p>h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Yes – Spills Incidents database <input type="checkbox"/> Yes – Environmental Site Remediation database <input type="checkbox"/> Neither database </div> <div> Provide DEC ID number(s): _____ Provide DEC ID number(s): _____ </div> </div> <p>ii. If site has been subject of RCRA corrective activities, describe control measures: _____</p> <p>_____</p> <p>iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, provide DEC ID number(s): _____</p> <p>iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____</p> <p>_____</p>	

v. Is the project site subject to an institutional control limiting property uses? <input type="checkbox"/> Yes <input 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 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
b. Are there bedrock outcroppings on the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %
c. Predominant soil type(s) present on project site: _____ % _____ % _____ %
d. What is the average depth to the water table on the project site? Average: _____ feet
e. Drainage status of project site soils: <input type="checkbox"/> Well Drained: _____ % of site <input type="checkbox"/> Moderately Well Drained: _____ % of site <input type="checkbox"/> Poorly Drained _____ % of site
f. Approximate proportion of proposed action site with slopes: <input type="checkbox"/> 0-10%: _____ % of site <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 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 type="checkbox"/> Yes <input type="checkbox"/> No ii. Do any wetlands or other waterbodies adjoin the project site? <input 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 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 _____ Classification _____ Lakes or Ponds: Name _____ Classification _____ Wetlands: Name _____ Approximate Size _____ 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 type="checkbox"/> Yes <input type="checkbox"/> No If yes, name of impaired water body/bodies and basis for listing as impaired: _____ _____
i. Is the project site in a designated Floodway? <input type="checkbox"/> Yes <input type="checkbox"/> No
j. Is the project site in the 100-year Floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No
k. Is the project site in the 500-year Floodplain? <input type="checkbox"/> Yes <input 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 type="checkbox"/> No If Yes: i. Name of aquifer: _____

<p>m. Identify the predominant wildlife species that occupy or use the project site: _____</p> <p>_____</p> <p>_____</p>	
<p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Describe the habitat/community (composition, function, and basis for designation): _____</p> <p style="margin-left: 20px;">ii. Source(s) of description or evaluation: _____</p> <p style="margin-left: 20px;">iii. Extent of community/habitat:</p> <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 	
<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 type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing (endangered or threatened): _____</p> <p>_____</p> <p>_____</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 type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing: _____</p> <p>_____</p> <p>_____</p>	
<p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes, give a brief description of how the proposed action may affect that use: _____</p> <p>_____</p> <p>_____</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 type="checkbox"/> No</p> <p>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 type="checkbox"/> No</p> <p style="margin-left: 20px;">i. If Yes: acreage(s) on project site? _____</p> <p style="margin-left: 20px;">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 type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p style="margin-left: 20px;">ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p> <p>_____</p> <p>_____</p>	
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. CEA name: _____</p> <p style="margin-left: 20px;">ii. Basis for designation: _____</p> <p style="margin-left: 20px;">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? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District ii. Name: _____ iii. Brief description of attributes on which listing is based: _____	
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 type="checkbox"/> Yes <input type="checkbox"/> No	
g. Have additional archaeological or historic site(s) or resources been identified on the project site? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: i. Describe possible resource(s): _____ ii. Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes: i. Identify resource: _____ ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____ iii. Distance between project and resource: _____ miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? <input type="checkbox"/> Yes <input type="checkbox"/> No 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 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.

Applicant/Sponsor Name Erie County Water Authority Date 07/29/2021

Signature  Title _____
 Leonard F. Kowalski, PE



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	Yes
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]	Remediation Sites:C915010, NYS Heritage Areas:West Erie Canal Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Yes - Digital mapping data for Spills Incidents are not available for this location. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Yes
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Yes
E.1.h.i [DEC Spills or Remediation Site - DEC ID Number]	C915010
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]	915244, 915239, E915225, E915050, 915010, C915010
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]	837-114
E.2.h.iv [Surface Water Features - Stream Classification]	B
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]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

MP-84: Town of Tonawanda Transmission

Main Improvements

Full Environmental Assessment Form Part 1, Section F

FEAF Section	Additional Information/Explanation
<p>A</p> <p>Landowner Information (additional landowners)</p>	<p>At the western end of the project area, three additional landowners properties fall within our study area (limits of disturbance plus a 50 foot buffer), however project activities will only take place within the National Grid right of way and will not directly impact the other landowner properties.</p> <p>Additional landowners properties include:</p> <ul style="list-style-type: none"> • A portion of tax parcel 52.15-1-17, which is owned by the Town of Tonawanda. This portion includes the landfill access road, which will be used for construction access to the project site. • Possibly a portion of tax parcel 52.50-1-5, owned by Michael Hansen. This portion is located near the western interconnection point at Brookside Terrace. • Possibly a portion of tax parcel 52.50-1-1, owned by Amy Ivancic. This portion is located near the western interconnection point at Brookside Terrace.
<p>D.1.c</p> <p>Is the proposed action an expansion of an existing project or use?</p>	<p>Due to the fact that the project is providing redundancy for part of the transmission main, the project is considered an expansion of an existing project. To calculate the percent expansion, the total transmission main length was considered from Van de Water Treatment Plant to Ball Pump Station (approximately 45,000 linear feet(lf)), and the project alignment length (approximately 4,100 lf). Therefore, the project represents added redundancy for 9.1% of the total pipeline length in lf.</p>
<p>D.2.m</p> <p>Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?</p>	<p>The Town of Tonawanda Noise Ordinance (Chapter 133) ^[1] was reviewed and contains no restrictions specific to construction activities. Construction will occur Monday-Friday from 7am-3pm only, with no construction activities occurring in the evenings, on weekends, or on holidays. Construction activities are temporary and short term and are anticipated to over the course of a total of 8 months. Substantial completion of construction is anticipated by the end of 2022.</p> <p>Construction activities located near noise receptors (residential areas and school) on the western end of the limits of disturbance (LOD) are anticipated to last no more than 3-5 consecutive weeks. The Erie County Water Authority (ECWA) standards for noise reduction state that contractor's vehicles and equipment shall be such as to minimize noise to the greatest degree practicable. In addition, noise levels shall conform to the latest OSHA standards and in no case will noise levels be permitted which interfere with the work of others. The implementation of any</p>

FEAF Section	Additional Information/Explanation
<p>E.1.b</p> <p>Land Uses and Land Cover Types</p> <p>AND</p> <p>E.2.h</p> <p>Surface Water Features</p>	<p>mitigation measures possible to reduce the amount of noise in the area will be considered during the design and construction phases.</p> <p>Land uses and land cover types were considered within the LOD for this project. This FEAF was created using the New York State Department of Environmental Conservation (NYSDEC) EAF Mapper program. The EAF Mapper program places an automatic 500' buffer around regulated wetlands and waterbodies ^[4], to ensure that these are considered during project assessment. In terms of this project, Twomile Creek is about 220 feet west of the construction entrance road (existing landfill entrance road), off Pirson Parkway. The project area, which includes the LOD and a 50 foot buffer, does not physically intersect with Twomile Creek or any other surface water feature or wetland, but it does intersect the 500' buffers for these features that is placed into EAF Mapper program. We also do not expect these features to be impacted by either construction or operation activities associated with the project. During construction, stormwater Best Management Practices (BMPs) will serve to protect these surface water features from impacts associated with runoff from project activities.</p>
<p>E.1.f</p> <p>Does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Has the facility been closed?</p>	<p>The project site is south-adjacent to the Town of Tonawanda Landfill. The Town of Tonawanda landfill is an inactive landfill, with official closure pending.</p> <p>The land that contains the Town of Tonawanda landfill is part of a U.S. Army Corps of Engineers (USACE) Formerly Utilized Sites Remedial Action Program (FUSRAP) project to identify, assess and clean sites with residual radioactive contamination resulting from the early years of the United States' atomic energy and weapons program. In 1990, uranium ore and waste products from refining of uranium at the Linde Air Products facility was discovered along the northern portion of the landfill. Remedial investigations were performed on the landfill and a Record of Decision (ROD) was issued by USACE in 2017, which selected a remedial approach of targeted shallow removal and off-Site disposal of FUSRAP-related material. The material was excavated in 2019, and monitoring took place in 2020. A final close-out report has not been released by USACE. The Town of Tonawanda states that final grading of the Landfill is suspended, however the east portion has reached final grade and been closed. Final closure will depend upon the USACE's position under FUSRAP, therefore at this time, the landfill is considered an inactive facility and has not completed regulatory closure.^{[2]. [3]}</p> <p>It was also discovered that wastes contaminated by Americium-241 (a radioactive material used in the making of smoke detectors) were deposited in the southeast portion of Landfill in the early 1980s by a former smoke detector manufacturer located in the Town. In 1989, a New York State Task Force determined that it was safe to leave the</p>

FEAF Section	Additional Information/Explanation
	<p>Americium-241 material in place as long as several feet of fill and a landfill cap were placed over the material. ^[2]</p> <p>The construction activities related to the MP-84 Town of Tonawanda Transmission Main Improvements would not disturb the landfill property, as the excavation area and alignment are located on the National Grid right-of-way property.</p>

[1] <https://ecode360.com/10932805>

[2] <https://www.tonawanda.ny.us/services/highlighted-projects/restoring-our-waterfront.html>

[3] <https://www.lrb.usace.army.mil/Missions/HTRW/FUSRAP/Tonawanda-Landfill/>

[4] <https://www.dec.ny.gov/permits/90201.html>

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 hydrochloroflouorocarbons (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"/>

Project :

Date :

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.

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

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the _____ 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:

Name of Lead Agency:

Name of Responsible Officer in Lead Agency:

Title of Responsible Officer:

Signature of Responsible Officer in Lead Agency:

Date:

Signature of Preparer (if different from Responsible Officer)

Date:

For Further Information:

Contact Person:

Address:

Telephone Number:

E-mail:

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>

ATTACHMENT A:

Project Site Overview – Figure 1



MP-084 Town of Tonawanda
Transmission Main Design
State Environmental Quality Review



Figure 1
Site Overview

Legend

- Existing ECWA 48-inch Water Main
- Proposed 48-inch Water Main
- U.S. Army Corps of Engineer Wetland
- Stream
- Photo Location
- Anticipated Disturbed Area
- Tax Parcel Boundary

0 250 500
Feet

Data Source: ESRI, ArcGIS Online,
Aerial Imagery

Coordinate System: New York State Plane West
Datum: NAD83
Units: Feet



ATTACHMENT B:

Site Photograph Log



Project Photographs

Town of Tonawanda Landfill and Mudflats Preliminary Alignment Photographs



Photo: 1

Description:

Near 193 Brookside Terrace West facing northwest. Blue post shows approximate tie in location.



Photo: 2

Description:

Facing northwest toward Brookside Terrace West near existing ECWA main and proposed alignment. Existing main near yellow groundwater well shown in photo.

Project Photographs

Town of Tonawanda Landfill and Mudflats Preliminary Alignment Photographs



Photo: 3

Description:

Near fenced equipment area facing northeast toward Tonawanda Landfill. Leachate collection system raised manholes and access road shown.



Photo: 4

Description:

Shown are northern most National Grid towers, access road and fenced equipment storage area. Potential contractor field office location or staging location.

Project Photographs

Town of Tonawanda Landfill and Mudflats Preliminary Alignment Photographs



Photo: 5

Description:

Facing west toward access road and fenced equipment area. Blue post on left of photo shows existing ECWA main. Field measurement of 33.5 ft. taken from existing main to fence.



Photo: 6

Description:

Facing east showing fenced equipment area and utility pole believed to provide power to leachate collection system and fenced area. Pole would need to be relocated for future alignment.

Project Photographs

Town of Tonawanda Landfill and Mudflats Preliminary Alignment Photographs



Photo: 7

Description:

Facing west. Utility pole believed to power leachate collection system and fenced equipment area. Would need to be relocated based on preliminary alignment.



Photo: 8

Description: Facing west near existing ECWA main. Arcadis staff standing at approximate centerline location of proposed alignment based on field measurements.

Project Photographs

Town of Tonawanda Landfill and Mudflats Preliminary Alignment Photographs



Photo: 9

Description:

Facing south showing overhead power lines.



Photo: 10

Description:

Facing west toward equipment storage area. Shown is drainage swale. Field measurement of 23 ft. from ECWA blue post to edge of drainage swale.

Project Photographs

Town of Tonawanda Landfill and Mudflats Preliminary Alignment Photographs



Photo: 11

Description:

CSX Transportation tracks facing east toward Military Road. National Grid overhead power lines and Tonawanda self storage shown.



Photo: 12

Description:

Facing east toward Military Road. Blue flag showing existing ECWA water main and approximate tie in location.

Project Photographs

Town of Tonawanda Landfill and Mudflats Preliminary Alignment Photographs



Photo: 13

Description:

Facing west between CSX Transportation and Military Road. Shown are Tonawanda Self Storage and National Grid overhead lines.



Photo: 14

Description:

Facing east toward Military Road. Blue post shows existing ECWA water line and entrance to Tonawanda self storage.

ATTACHMENT C:

Agency Correspondence



Erie County Water Authority
Water System Improvements, Town of Tonawanda, MP-084 Project

Arcadis of New York, Inc.
50 Fountain Plaza
Suite 600
Buffalo
New York 14202
Tel 716 667 0900
Fax 716 842 2612
www.arcadis.com

Subject:

MP-84: Town of Tonawanda Transmission Main Improvements
State Environmental Quality Review Act
SEQR Unlisted Action Coordinated Review

WATER BUSINESS LINE

Date:
July 31, 2021

Dear Recipient,

Contact:
Dan Seider, PE

Phone:
716-667-6670

Email:
Daniel.Seider@arcadis.com

Our ref:
30041729

The Erie County Water Authority (ECWA) is pursuing the design and construction of a water transmission main immediately adjacent, to the north, of an existing ECWA transmission main located on property owned and maintained by National Grid, mainly in the Town of Tonawanda and partially in the City of Tonawanda. The project site would be located immediately to the south of the southern property line boundary of the of the Tonawanda Landfill. The project generally includes the excavation, installation, and site restoration of approximately 4,150 linear feet of prestressed concrete cylinder pipe from existing eastern interconnection point near 2242 Military Road, Tonawanda, NY to the existing western interconnection point near 316 Brookside Terrace West (see Project Site Overview - Figure1 - **Attachment B**). It is anticipated that the exiting Tonawanda Landfill access roadway would be utilized for all personnel and construction vehicles associated with the project, and a construction laydown area would be located on a generally under-utilized portion of the access roadway. The potential for environmental and community impacts associated with the proposed project would be assessed within the area located 50 feet on either side of the anticipated limits of disturbance, including the landfill access roadway to be utilized. The area contained within the 50-foot buffer is anticipated to adequately encompass the locations of all work associated with implementation of the proposed project. The work is scheduled to be completed by the end of 2022 and will provide water supply redundancy at a critical area of the ECWA distribution system. ECWA has determined that this project is a State Environmental Quality Review Act (SEQR) Unlisted Action.

It is anticipated that the proposed project may require discretionary approvals and/or permits from the United States Army Corps of Engineers (USACE), the New York State Department of Environmental Conservation (NYS DEC), the New York State Department of Transportation (NYS DOT), the Erie County Health Department, the Town of Tonawanda, and the City of Tonawanda.

MP-84: Town of Tonawanda Transmission Main Improvements
State Environmental Quality Review Act
SEQR Unlisted Action Coordinated Review

In accordance with SEQR and its implementing regulations as set forth in 6 NYCRR Part 617, ECWA believes it is the appropriate Lead Agency and assumes responsibility for conducting a coordinated review for the above-referenced project. Your agency's feedback regarding the SEQR review of this proposed project and/or any objection to ECWA assuming the position of Lead Agency in accordance with SEQR is kindly requested within 30 days from the receipt of this request. Please refer to **Attachment A** for a copy of the Draft Full Environmental Assessment Form, Part 1 for the above-referenced project.

Please send any comments or questions to Arcadis, 50 Fountain Plaza, Suite 600, Buffalo, New York 14202 attention Dan Seider. Alternatively, comments can be e-mailed to Daniel.Seider@arcadis.com.

Sincerely,



Dan Seider, PE
Project Manager

Enclosures:

- 1 Attachment A – SEQR Full Environmental Assessment Form – Part 1
- 2 Attachment B – Project Site Overview- Figure 1
- 3 Attachment C – Site Photograph Log
- 4 Attachment D – Agency Correspondence

Novak, Tiffany

From: Seider, Dan
Sent: Wednesday, August 18, 2021 7:06 AM
To: Novak, Tiffany
Cc: Salvagno, John; Shafer, Tim
Subject: FW: Erie County Water Authority, Town of Tonawanda Transmission Main Improvements, MP-084 Project: SEQR Request
Attachments: ECWA MP-084 Project SEQR Involved AGENICES Letter and Draft FEAF Part I.pdf

FYI

Daniel J Seider, PE | daniel.seider@arcadis.com
T +1 716 667 6670 | M +1 716 807 7064

From: Hayes, Ron (DOT) <Ron.Hayes@dot.ny.gov>
Sent: Tuesday, August 17, 2021 5:12 PM
To: Seider, Dan <Daniel.Seider@arcadis.com>
Cc: Smith, Douglas K (DOT) <Douglas.Smith@dot.ny.gov>; Kinderman, Nickolas (DOT) <Nickolas.Kinderman@dot.ny.gov>; Uebelhoer, Paul (DOT) <Paul.Uebelhoer@dot.ny.gov>; Rutkowski, Edward (DOT) <Edward.Rutkowski@dot.ny.gov>
Subject: Erie County Water Authority, Town of Tonawanda Transmission Main Improvements, MP-084 Project: SEQR Request

You don't often get email from ron.hayes@dot.ny.gov. [Learn why this is important](#)

Dan Seider PE, Project Manager

New York State Department of Transportation (NYSDOT) reviewed the information submitted for the subject project and has the following comments:

- NYSDOT concurs with the Erie County Water Authority acting as Lead Agency.
- Since this new water main appears to cross CSX Transportation railroad tracks, coordination with CSX Transportation will be required. CSX coordination (thru design and construction) may affect the currently proposed schedule.
- A NYSDOT Highway Work Permit is required for work that is located within the State Highway Right-of-Way. Should the work extend closer to Military Road additional reviews may be warranted. This correspondence does not constitute approval for the purpose of a Highway Work Permit. The ECWA should direct Highway Work Permit questions to:

Nickolas Kinderman, North Erie Resident Engineer
New York State Department of Transportation
111 Indian Road, Depew, New York 14043
(716) 683-3476

If you have any questions or concerns please do not hesitate to contact me either by email or phone.

Sincerely,

Ron Hayes

Ronald J. Hayes

Planning and Program Management

New York Department of Transportation

100 Seneca Street, Buffalo, NY 14203

(716) 847-3381 | (518) 810-9951 cell

Ron.Hayes@dot.ny.gov www.dot.ny.gov



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 9
270 Michigan Avenue, Buffalo, NY 14203-2915
P: (716) 851-7165 | F: (716) 851-7168
www.dec.ny.gov

August 19, 2021

SENT VIA EMAIL: Daniel.Seider@arcadis.com

Daniel Seider, P.E.
Arcadis of New York, Inc.
50 Fountain Plaza, Suite 600
Buffalo, New York 14202

Dear Daniel Seider,

**SEQR Lead Agency Coordination
MP-84 Town of Tonawanda Transmission
Main Improvements
Town of Tonawanda and City of Tonawanda
Erie County**

This is to acknowledge receipt of your July 31, 2021 notice which requested State Environmental Quality Review Act (SEQR) Lead Agency status for the above-noted project. The New York State Department of Environmental Conservation (NYSDEC) concurs that the Erie County Water Authority should act as SEQR Lead Agency, since the environmental impacts of the proposal are primarily of significance to that agency. However please be aware of the following:

1. If project activities will involve land disturbance of 1 acre or more, the project sponsor, owner or operator is required to obtain a State Pollutant Discharge Elimination System General Permit for Stormwater Discharges from Construction Activity (GP-0-20-001). This General Permit requires the project sponsor, owner or operator to control stormwater runoff according to a Stormwater Pollution Prevention Plan (SWPPP), which is to be prepared prior to filing a Notice of Intent (NOI) and prior to commencement of the project. More information on General Permit GP-0-20-001, as well as the NOI form, is available on NYSDEC's website at www.dec.ny.gov/chemical/43133.html. Information on permitting requirements and preparation of a necessary Stormwater Pollution Prevention Plan (SWPPP) is available on the NYSDEC's website at www.dec.ny.gov/chemical/8468.html.

The Town of Tonawanda and City of Tonawanda are designated as MS4 communities. The project sponsor, owner or operator of a construction activity that is subject to the requirements of a regulated, traditional land use control MS4 shall have their SWPPP reviewed and accepted by the MS4 community. The "MS4 SWPPP Acceptance" form must be signed by the principal executive officer or ranking elected official from the MS4 community, or by a duly authorized



Department of
Environmental
Conservation

representative of that person, and submitted along with the NOI, to the NYSDEC at NOTICE OF INTENT, NYSDEC, Bureau of Water Permits, 625 Broadway, 4th Floor, Albany, New York 12233-3505, telephone: 518/402-8111 to receive Department approval before construction commences.

2. As indicated on the Environmental Assessment Form enclosed with your letter, the Town of Tonawanda landfill, located north of the proposed water line, is currently pending closure. Waste was previously excavated from south of the landfill to the area of the existing water main within the Niagara Mohawk/National Grid right-of-way. Work in this area included the installation of low permeability soil and a leachate collection pipe along the southern property line of the landfill. Groundwater monitoring wells are also located in this area. During construction of the new water main, care should be taken to avoid landfill waste, the leachate collection line, and any groundwater monitoring wells. Any landfill waste encountered during construction must be properly disposed of and low permeability soil must be replaced. For additional information, please contact the Division of Materials Management at 716/851-7220.
3. A portion of the transmission main is located on a parcel that is currently entered in NYSDEC's Brownfield Cleanup Program (Bisonite Paint Co., Site No. C915010). For information on this site and how it may affect the project, please contact Joshua Vaccaro with the Division of Environmental Remediation at 716/851-7220.

If you have any other questions, please feel free to contact Michelle Woznick of my staff or me at 716/851-7165.

Sincerely,

David S. Denk

David S. Denk
Regional Permit Administrator

MRW:cmn

ecc: Joshua Vaccaro, NYSDEC Division of Environmental Remediation
Peter Grasso, NYSDEC Division of Materials Management
Steve McDonnell, NYSDEC Division of Materials Management
Beverly Lewinski, NYSDEC Division of Materials Management
Leonard Kowalski, Erie County Water Authority



Services News Government Local

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Environmental Resource Mapper

Base Map: Satellite with Labels [Using this map](#)

Search

Tools

Layers and Legend

- ☒ All Layers
- ☒ Unique Geological Features
- ☒ Waterbody Classifications for Rivers/Streams
- Other Wetland Layers
- Reference Layers
- Tell Me More...
- Need A Permit?
- Contacts





**Department of
Environmental
Conservation**

Request Natural Heritage Information

New York Natural Heritage makes its data available to inform biodiversity conservation, natural resource management, land protection, land use decisions, environmental assessment, and project review.

Note that information regarding the locations of rare species is considered sensitive. The distribution of information which identifies the locations of rare species or their habitats may lead to the collection or disturbance of the animals and plants at those locations. NYSDEC has the legal authority, under New York State Environmental Conservation Law, to restrict access to such information, and has adopted a policy regarding the release of information compiled by the New York Natural Heritage Program. Under this policy, the level of detail provided about the locations and identities of rare species may be limited in order to protect the sensitive resources.

- **Part I of an Environmental Assessment Form (EAF).** If you are completing Part 1 of either the Short Form EAF or Long Form EAF as part of the SEQR process, please see [Completing Part 1 of an Environmental Assessment Form](#) below.
- **Project Screening.** If you need information on the presence of rare or listed plants and animals or of significant natural communities that may be impacted by a proposed development, project, or activity, see [How to Obtain Information for a Project Site](#) below.
- **Other Uses.** If you would like to apply Natural Heritage information in any of the following activities, please contact NY Natural Heritage at NaturalHeritage@dec.ny.gov or (518) 402-8935 (and leave message).
 - municipal or regional planning
 - natural resource inventory or management
 - open space inventory or protection
 - environmental or biodiversity conservation
 - scientific research

Completing Part 1 of an Environmental Assessment Form

If you are completing Part 1 of either the Short or Long Environmental Assessment Form (EAF), use the [EAF Mapper](#); see also [Using the EAF Mapper](#). This online tool will provide the answers to several of the questions in Part 1 of the EAF, including the questions about listed plants and animals and about significant natural communities. The answers provided by the EAF Mapper are sufficient to complete those questions in the EAF, and a request for information from the New York Natural Heritage Program is not required. If, however, you would like more information on the species and communities reported by the EAF Mapper:

- If the EAF Mapper reports any animals in the vicinity of your project site, contact the Permits staff at the appropriate NYSDEC Regional office for information about any permit considerations for the project or about potential impacts of the project on these species. (Contacting NY Natural Heritage is not necessary.)
- If the EAF Mapper reports any plants or natural communities, and if you would like more information, submit a request to NY Natural Heritage for a project screening (see [next section](#)).

How to Obtain Information for a Project Site

The New York Natural Heritage Program will screen locations of proposed projects, activities, and SEQR-subject actions for any records in our database of rare plants and animals (both listed and unlisted) and of significant natural communities which are in the vicinity of the project or action and which may be impacted.

Before requesting a Natural Heritage project screening

We recommend that you review your project site with the [Environmental Resource Mapper](#) (ERM), an online tool on the NYSDEC website.

- If your project site does not fall within an area displayed in the Rare Plants and Rare Animals layer or in the Significant Natural Communities layer, then New York Natural Heritage has no records to report in the vicinity of your project site. **Submitting a project screening request to NY Natural Heritage is not necessary.**
- If your project site falls within an area identified for a state-listed animal, and if you would like information about the specific species, about any permit considerations for the project, or about potential impacts of the project on listed species, contact the Permits staff at the NYSDEC Regional office for the Region where the project is located. (You can also use the [EAF Mapper](#) (see [section above](#)) to identify the particular species in the vicinity of the site.)
- If your project falls within an area identified for a plant, an unlisted animal, or a natural community, and if you would like more information than the ERM provides, submit a request to NY Natural Heritage for a project screening via our online Request Form or our dedicated e-mailbox. See [Instructions](#) below.

For a record of your results from the ERM, use the Identify Tool to click on your project location. Print or save the Identify Results window that opens.

Instructions for requesting a project screening from NY Natural Heritage

To request a screening of a specific project site, please use our online [Project Screening Request Form](#) (link leaves DEC's website). This allows online submission of information requests. Instructions are at the top of the form.

Alternatively, you may submit your requests by email to our dedicated e-mailbox, NaturalHeritage@dec.ny.gov.

Include "info request" and the name of the project in the subject line. Attach a map and include the following information in an attachment or in the body of the email:

- Why you need the information (e.g., SEQR review, environmental assessment for permit, planning board approval, management plan). If the proposed action is undergoing SEQR review, also include the name of the lead agency.
- Brief description of the proposed project or activity (e.g., residential development, bridge repair, cellular communications tower, landfill siting).
- Brief description of the current land use and habitats at the project site (e.g., wooded, agricultural, developed commercial).
- Name of counties and towns where the proposed project is located; also very helpful are the project site's street address and/or geographic coordinates (e.g., latitude and longitude) and/or tax parcel numbers.
- Map that includes labeled roads and other features, with the boundary of the proposed project clearly labeled, marked or highlighted. **Please do not send architectural or engineering drawings or photographs.**

We strongly encourage you to submit your request via our online form or by email as described above; however, if you are not able to use either of these two methods, we can accept requests mailed to the address below.

We strongly encourage you to submit your request during the early stages of a project.

Response time is 3-4 weeks from the date your request is received in our office. Projects extending over large areas or requiring more information may take longer. Requests are processed in the order in which they are received.

We provide a response by email to all information requests. Therefore, if you have not yet received a response, do not assume we have no data to report.

NY Natural Heritage Program - Information Services

NYS DEC

625 Broadway, 5th Floor

Albany, NY 12233-4757

Phone: (518) 402-8935 and leave message

Fax: (518) 402-8925



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New York Ecological Services Field Office

3817 Luker Road
Cortland, NY 13045-9385

Phone: (607) 753-9334 Fax: (607) 753-9699

<http://www.fws.gov/northeast/nyfo/es/section7.htm>



IPaC Record Locator: 851-24770319

December 22, 2020

Subject: Consistency letter for the 'Town of Tonawanda Transmission Main Design (Contract MP-084)' project indicating that any take of the northern long-eared bat that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o).

Dear Terri Brown:

The U.S. Fish and Wildlife Service (Service) received on December 22, 2020 your effects determination for the 'Town of Tonawanda Transmission Main Design (Contract MP-084)' (the Action) using the northern long-eared bat (*Myotis septentrionalis*) key within the Information for Planning and Consultation (IPaC) system. You indicated that no Federal agencies are involved in funding or authorizing this Action. This IPaC key assists users in determining whether a non-Federal action may cause “take”^[1] of the northern long-eared bat that is prohibited under the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based upon your IPaC submission, any take of the northern long-eared bat that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). Unless the Service advises you within 30 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that the Action is not likely to result in unauthorized take of the northern long-eared bat.

Please report to our office any changes to the information about the Action that you entered into IPaC, the results of any bat surveys conducted in the Action area, and any dead, injured, or sick northern long-eared bats that are found during Action implementation.

If your Action proceeds as described and no additional information about the Action’s effects on species protected under the ESA becomes available, no further coordination with the Service is required with respect to the northern long-eared bat.

[1]Take means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct [ESA Section 3(19)].

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

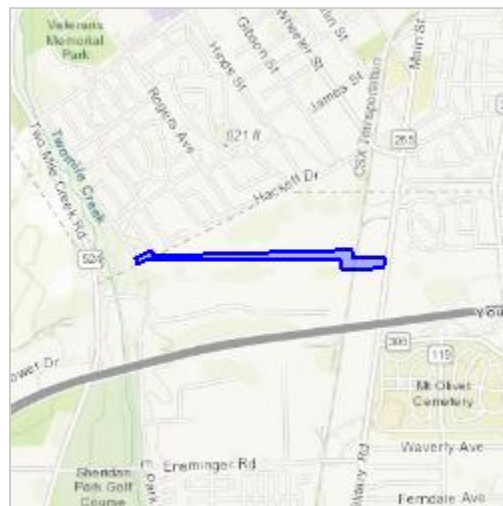
Town of Tonawanda Transmission Main Design (Contract MP-084)

2. Description

The following description was provided for the project 'Town of Tonawanda Transmission Main Design (Contract MP-084)':

The Erie County Water Authority (ECWA) is pursuing the design and construction of a 48-inch water transmission main in the City of Tonawanda and Town of Tonawanda. The transmission main will be installed approximately parallel to, and north of, an existing ECWA transmission main. The project generally includes the excavation, and installation of approximately 4,150 linear feet of prestressed concrete cylinder pipe from an interconnection point near 2242 Military Road Tonawanda, NY (East) and 316 Brookside Terrace West (West) Tonawanda, NY. The work is expected to be completed in 2021 and will provide redundancy at a critical point in the ECWA distribution system.

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/42.997930599521865N78.89318529783246W>

**Determination Key Result**

This non-Federal Action may affect the northern long-eared bat; however, any take of this species that may occur incidental to this Action is not prohibited under the final 4(d) rule at 50 CFR §17.40(o).

Determination Key Description: Northern Long-eared Bat 4(d) Rule

This key was last updated in IPaC on **May 15, 2017**. Keys are subject to periodic revision.

This key is intended for actions that may affect the threatened northern long-eared bat.

The purpose of the key for non-Federal actions is to assist determinations as to whether proposed actions are excepted from take prohibitions under the northern long-eared bat 4(d) rule.

If a non-Federal action may cause prohibited take of northern long-eared bats or other ESA-listed animal species, we recommend that you coordinate with the Service.

Determination Key Result

Based upon your IPaC submission, any take of the northern long-eared bat that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o).

Qualification Interview

1. Is the action authorized, funded, or being carried out by a Federal agency?

No

2. Will your activity purposefully **Take** northern long-eared bats?

No

3. [Semantic] Is the project action area located wholly outside the White-nose Syndrome Zone?

Automatically answered

No

4. Have you contacted the appropriate agency to determine if your project is near a known hibernaculum or maternity roost tree?

Location information for northern long-eared bat hibernacula is generally kept in state Natural Heritage Inventory databases – the availability of this data varies state-by-state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited. A web page with links to state Natural Heritage Inventory databases and other sources of information on the locations of northern long-eared bat roost trees and hibernacula is available at www.fws.gov/midwest/angered/mammals/nleb/nhisites.html.

Yes

5. Will the action affect a cave or mine where northern long-eared bats are known to hibernate (i.e., hibernaculum) or could it alter the entrance or the environment (physical or other alteration) of a hibernaculum?

No

6. Will the action involve Tree Removal?

No

Project Questionnaire

If the project includes forest conversion, report the appropriate acreages below. Otherwise, type '0' in questions 1-3.

1. Estimated total acres of forest conversion:

0

2. If known, estimated acres of forest conversion from April 1 to October 31

0

3. If known, estimated acres of forest conversion from June 1 to July 31

0

If the project includes timber harvest, report the appropriate acreages below. Otherwise, type '0' in questions 4-6.

4. Estimated total acres of timber harvest

0

5. If known, estimated acres of timber harvest from April 1 to October 31

0

6. If known, estimated acres of timber harvest from June 1 to July 31

0

If the project includes prescribed fire, report the appropriate acreages below. Otherwise, type '0' in questions 7-9.

7. Estimated total acres of prescribed fire

0

8. If known, estimated acres of prescribed fire from April 1 to October 31

0

9. If known, estimated acres of prescribed fire from June 1 to July 31

0

If the project includes new wind turbines, report the megawatts of wind capacity below. Otherwise, type '0' in question 10.

10. What is the estimated wind capacity (in megawatts) of the new turbine(s)?

0



Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

December 23, 2020

Terri Brown
Regulatory Compliance Specialist
Arcadis
50 Fountain Plaza
Suite 600
Buffalo, NY 14202

Re: DEC
Erie County Water Authority Transmission Main
Between Military Road and Brookside Terrace West, Town of Tonawanda, Erie County,
NY
20PR08057

Dear Terri Brown:

Thank you for requesting the comments of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the project in accordance with the New York State Historic Preservation Act of 1980 (Section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the OPRHP and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8) and its implementing regulations (6 NYCRR Part 617).

Based upon this review, it is the opinion of OPRHP that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

A handwritten signature in black ink, reading "R. Daniel Mackay".

R. Daniel Mackay

Deputy Commissioner for Historic Preservation
Division for Historic Preservation



DEPARTMENT OF THE ARMY
BUFFALO DISTRICT, CORPS OF ENGINEERS
1776 NIAGARA STREET
BUFFALO, NEW YORK 14207-3199

July 15, 2021

Regulatory Branch

SUBJECT: Approved Jurisdictional Determination for Department of the Army Processing No. LRB-2021-00080

Dan Seider
Arcadis of New York, Inc.
50 Fountain Plaza, Suite 600
Buffalo, NY 14202

Dear Mr. Seider:

I have reviewed your request for an approved jurisdictional determination (JD) for the study area associated with the Erie County Water Authority's Tonawanda Transition Main project located to the southeast of Brookside Terrace W, in the Town of Tonawanda, Erie County, New York.

Enclosed is an approved JD which verifies the limits of waters of the U.S. within the study area as depicted on Sheet 1 of 1. This approved JD will remain valid for a period of five (5) years from the date of this correspondence unless new information warrants revision of the approved JD before the expiration date. At the end of this period, a new aquatic resource delineation and JD will be required.

I have determined that the following aquatic resources are not waters of the U.S. as noted on the attached Interim Approved Jurisdictional Determination Form. Therefore, these aquatic resource(s) is/are not regulated under Section 404 of the Clean Water Act or Section 10 of the Rivers and Harbors Act of 1899. Department of the Army authorization is not required if you propose work or propose a discharge of dredged or fill material in these aquatic resources.

Further, this delineation/determination has been conducted to identify the limits of the Corps Clean Water Act jurisdiction for the particular site identified in your request. This delineation/determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. If you or your tenant are United States Department of Agriculture (USDA) program participants, or anticipate participation in USDA programs, you should request a certified wetland determination from the local office of the Natural Resource Conservation Service prior to starting work.

If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR Part 331. Enclosed you will find a Notification of Appeal Process (NAP)

Regulatory Branch

SUBJECT: Approved Jurisdictional Determination for Department of the Army Processing No. LRB-2021-00080

fact sheet and Request for Appeal (RFA) form. If you request to appeal the above JD, you must submit a completed RFA form within 60 days of the date on this letter to the Great Lakes/Ohio River Division Office at the following address:

Suzanne Chubb
Regulatory Appeals Review Officer
US Army Corps of Engineers
Great Lakes and Ohio River Division
550 Main Street, Room 10-714
Cincinnati, Ohio 45202-3222
Phone: 513-684-7261 Fax: 513-684-2460

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete; that it meets the criteria for appeal under 33 C.F.R. part 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address by **September 13, 2021**.

It is not necessary to submit an RFA to the Division office if you do not object to the determination in this letter.

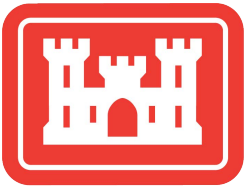
Questions pertaining to this matter should be directed to me at (716) 879-4240, by writing to the following address: U.S. Army Corps of Engineers, 1776 Niagara Street, Buffalo, New York 14207, or by e-mail at: Shaina.R.Souder@usace.army.mil

Sincerely,

A handwritten signature in black ink that reads "Shaina Souder". The signature is written in a cursive, flowing style.

Shaina Souder
Biologist





Enclosures



0 250 500 1,000 Feet



Wetlands Delineation Map
Erie County Water Authority Transmission Main
Stream and Wetlands Delineation Summary
Town of Tonawanda, New York

	Ditch #1	Ditch #1
	Ditch #2	Length = 263 Linear Feet
	Area Of Interest	Approx Centroid Coordinates (Decimal Degrees) = 42.99798, -78.89861
	NWI Wetlands	Ditch #2
		Length = 1,407 Linear Feet
		Approx Centroid Coordinates (Decimal Degrees) = 42.99784, -78.89533



U.S. ARMY CORPS OF ENGINEERS
REGULATORY PROGRAM
APPROVED JURISDICTIONAL DETERMINATION FORM (INTERIM)
NAVIGABLE WATERS PROTECTION RULE

I. ADMINISTRATIVE INFORMATION

Completion Date of Approved Jurisdictional Determination (AJD): July 15, 2021

ORM Number: LRB-2021-00080

Associated JDs: N/A

Review Area Location¹:

State/Territory: NY City: County/Parish/Borough: Erie County

Center Coordinates of Review Area: Latitude 42.997537 Longitude -78.892477

II. FINDINGS

A. Summary: Check all that apply. At least one box from the following list **MUST** be selected. Complete the corresponding sections/tables and summarize data sources.

- ☐ The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area). Rationale: N/A or describe rationale.
- ☐ There are "navigable waters of the United States" within Rivers and Harbors Act jurisdiction within the review area (complete table in section II.B).
- ☐ There are "waters of the United States" within Clean Water Act jurisdiction within the review area (complete appropriate tables in section II.C).
- ☒ There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in section II.D).

B. Rivers and Harbors Act of 1899 Section 10 (§ 10)²

§ 10 Name	§ 10 Size	§ 10 Criteria	Rationale for § 10 Determination
N/A	N/A	N/A	N/A

C. Clean Water Act Section 404

Territorial Seas and Traditional Navigable Waters ((a)(1) waters)³

(a)(1) Name	(a)(1) Size	(a)(1) Criteria	Rationale for (a)(1) Determination
N/A	N/A	N/A	N/A

Tributaries ((a)(2) waters):

(a)(2) Name	(a)(2) Size	(a)(2) Criteria	Rationale for (a)(2) Determination
N/A	N/A	N/A	N/A

Lakes and ponds, and impoundments of jurisdictional waters ((a)(3) waters):

(a)(3) Name	(a)(3) Size	(a)(3) Criteria	Rationale for (a)(3) Determination
N/A	N/A	N/A	N/A

Adjacent wetlands ((a)(4) waters):

(a)(4) Name	(a)(4) Size	(a)(4) Criteria	Rationale for (a)(4) Determination
N/A	N/A	N/A	N/A

¹ Map(s)/Figure(s) are attached to the AJD provided to the requestor.

² If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

³ A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where independent upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD form.

⁴ Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps Districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.

⁵ Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.



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NAVIGABLE WATERS PROTECTION RULE

D. Excluded Waters or Features

Excluded waters ((b)(1) – (b)(12))⁴:

Exclusion Name	Exclusion Size	Exclusion ⁵	Rationale for Exclusion Determination
LRB-2021-00079_Ditch 2	263 feet	(b)(5) Ditch that is not an (a)(1) or (a)(2) water, and those portions of a ditch constructed in an (a)(4) water that do not satisfy the conditions of (c)(1)	This feature does not meet the definition of an (a)(1), (a)(2), (a)(3), or (a)(4) water. This feature functions as a ditch that was constructed in uplands adjacent to and located within the northwest of the study area and south of an access road. This feature is not a relocated tributary, nor was it constructed in adjacent wetlands [(a)(4) waters]. A June 15, 2021 site visit showed little evidence of any flow or water presence with no hydrophytic vegetation being present in the ditch, except near an existing culvert. Based on an in-office resource review, the submitted report titled “Erie County Water Authority Transmission Main Wetland and Stream Delineation, dated November 20, 2020,” and the June 15, 2021 site visit, it has been determined that this ditch is a (b)(5) excluded ditch.
LRB-2021-00080_Ditch 1	1407 feet	(b)(5) Ditch that is not an (a)(1) or (a)(2) water, and those portions of a ditch constructed in an (a)(4) water that do not satisfy the conditions of (c)(1)	This feature does not meet the definition of an (a)(1), (a)(2), (a)(3), or (a)(4) water. This feature functions as a ditch that was constructed in uplands located midway through the project area extending to Ditch 1 on the West side of the study area. This feature is not a relocated tributary, nor was it constructed in adjacent wetlands [(a)(4) waters]. During a June 15, 2021 site visit, it was observed that the entire ditch was encompassed by Phragmites australis, did not contain any water, nor any evidence of any flow. These items were also supported by the submitted report titled “Erie County

¹ Map(s)/Figure(s) are attached to the AJD provided to the requestor.

² If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

³ A stand-alone TNW determination is completed independently of a request for an AJD. A stand-alone TNW determination is conducted for a specific segment of river or stream or other type of waterbody, such as a lake, where independent upstream or downstream limits or lake borders are established. A stand-alone TNW determination should be completed following applicable guidance and should NOT be documented on the AJD form.

⁴ Some excluded waters, such as (b)(2) and (b)(4), may not be specifically identified on the AJD form unless a requestor specifically asks a Corps district to do so. Corps Districts may, in case-by-case instances, choose to identify some or all of these waters within the review area.

⁵ Because of the broad nature of the (b)(1) exclusion and in an effort to collect data on specific types of waters that would be covered by the (b)(1) exclusion, four sub-categories of (b)(1) exclusions were administratively created for the purposes of the AJD Form. These four sub-categories are not new exclusions, but are simply administrative distinctions and remain (b)(1) exclusions as defined by the NWPR.



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NAVIGABLE WATERS PROTECTION RULE

			Water Authority Transmission Main Wetland and Stream Delineation, dated November 20, 2020.” Based on an in-office resource review, the submitted wetland and stream delineation report, and the June 15, 2021 site visit, it has been determined that this ditch is a (b)(5) excluded ditch.
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III. SUPPORTING INFORMATION

A. Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

☒ Information submitted by, or on behalf of, the applicant/consultant: Erie County Water Authority Transmission Main Wetland and Stream Delineation, dated November 20, 2020 – field visit date of November 18, 2020.

This information *is* sufficient for purposes of this AJD.

Rationale: *N/A.*

☐ Data sheets prepared by the Corps: *Title(s) and/or date(s).*

☒ Photographs: *Connect Explorer Oblique Imagery April 25, 2020, November 21, 2019*

☒ Corps Site visit(s) conducted on: *June 15, 2021.*

☐ Previous Jurisdictional Determinations (AJDs or PJDs): *ORM Number(s) and date(s).*

☒ Antecedent Precipitation Tool: *provide detailed discussion in Section III.B.*

☐ USDA NRCS Soil Survey: *Title(s) and/or date(s).*

☐ USFWS NWI maps: *Title(s) and/or date(s).*

☐ USGS topographic maps: *Title(s) and/or date(s).*

Other data sources used to aid in this determination:

Data Source (select)	Name and/or date and other relevant information
USGS Sources	N/A.
USDA Sources	N/A.
NOAA Sources	N/A.
USACE Sources	N/A.
State/Local/Tribal Sources	N/A.
Other Sources	N/A.

B. Typical year assessment(s):

APT Methodology

The APT pulls precipitation data from NOAA's Daily Global Historical Climatology Network.

The APT evaluates normal precipitation conditions based on the three 30-day periods preceding the observation date. For each period, a weighted condition value is assigned by

¹ Map(s)/Figure(s) are attached to the AJD provided to the requestor.

² If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

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NAVIGABLE WATERS PROTECTION RULE

determining whether the 30-day precipitation total falls within, above, or below the 70th and 30th percentiles for totals from the same date range over the preceding 30 years. The APT then makes a determination of “normal,” “wetter than normal,” or “drier than normal” based on the condition value sum. The APT also displays results generated via the Palmer Drought Severity Index (PDSI) and the University of Delaware WebWIMP.

Inputs/Data Sources:

Latitude(s)/Longitude(s): single point for the study area - 42.997537, -78.892477

Observation Date(s): Corps Site Visit 6/15/2021, Consultant Site Visit 11/18/2020, Oblique Imagery 4/25/2020 and 11/21/2019.

Geographic Area(s) (Scope): See attached map sheet 1 of 1.

Weather Station(s): N. Tonawanda and Niagara Falls.

Result(s):

Latitude	Longitude	Date	PDSI Value	PDSI Class	Season	ARC Score	Antecedent Precip Condition
42.99754	-78.8925	6/15/2021	-2.71	Moderate drought (2021-05)	Dry Season	9	Drier than Normal
42.99754	-78.8925	11/18/2020	-1.51	Mild drought	Wet Season	10	Normal Conditions
42.99754	-78.8925	4/25/2020	-0.2	Normal	Wet Season	13	Normal Conditions
42.99754	-78.8925	11/21/2019	3.12	Severe wetness	Wet Season	15	Wetter than Normal

Conclusion(s): At the time of the Corps Site Visit, June 15, 2021, the subject area was reported to be within the Dry Season, during a moderate drought, and being drier than normal. The graph indicated that the date was not within the 30-year normal range, falling below it for the preceding 30-days. At the time of the Consultant's field investigation site visit, the area was reported to be in a mild drought during the wet season, and reportedly had normal conditions. The 2019 and 2020 oblique images from Connect Explorer showed saturation in both Ditches identified and the APT report indicates that these dates were during the wet season. The 2019 oblique image was reported to be during a period that was wetter than normal. The 2020 oblique image was reported to be during a period of normal conditions. Since all of the dates evaluated for this site capture different circumstances (dry through wet) for the subject area, and none of them show any evidence of flow, the determination that these areas are non-regulated ditches that do not flow to a downstream water is supported.

¹ Map(s)/Figure(s) are attached to the AJD provided to the requestor.

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- C. Additional comments to support AJD:** Based on the above documentation and rationale, it has been determined that the study area includes two (b)(5) ditches. The above documentation supports these determinations.

¹ Map(s)/Figure(s) are attached to the AJD provided to the requestor.

² If the navigable water is not subject to the ebb and flow of the tide or included on the District's list of Rivers and Harbors Act Section 10 navigable waters list, do NOT use this document to make the determination. The District must continue to follow the procedure outlined in 33 CFR part 329.14 to make a Rivers and Harbors Act Section 10 navigability determination.

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NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: Erie County Water Authority		File Number: LRB-2021-00080	Date: July 15, 2021
Attached is:			See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	A	
	PROFFERED PERMIT (Standard Permit or Letter of permission)	B	
	PERMIT DENIAL	C	
X	APPROVED JURISDICTIONAL DETERMINATION	D	
	PRELIMINARY JURISDICTIONAL DETERMINATION	E	

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at http://www.usace.army.mil/CECW/Pages/reg_materials.aspx or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

● **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

● **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

● **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

● **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

● **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.

● **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Shaina R. Souder
U.S. Army Corps of Engineers
1776 Niagara Street
Buffalo, New York 14207
716-879-4240
Shaina.r.souder@usace.army.mil

If you only have questions regarding the appeal process you may also contact:

Suzanne Chubb
Regulatory Appeals Review Officer
US Army Corps of Engineers
Great Lakes and Ohio River Division
550 Main Street, Room 10-714
Cincinnati, Ohio 45202-3222
Phone: 513-684-7261 Fax: 513-684-2460

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number:

ERIE COUNTY WATER AUTHORITY
AUTHORIZATION FORM
For Approval/Execution of Documents
(check which apply)

Contract: MP-084 **Project No.:** 202000084
Project Description: 48-inch Transmission Main, Town of Tonawanda

Item Description:



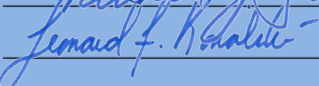

- | | | | |
|---|--|---|---------------------------------------|
| <input type="checkbox"/> Agreement | <input type="checkbox"/> Professional Service Contract | <input type="checkbox"/> Amendment | <input type="checkbox"/> Change Order |
| <input type="checkbox"/> BCD | <input type="checkbox"/> NYSDOT Agreement | <input type="checkbox"/> Contract Documents | <input type="checkbox"/> Addendum |
| <input type="checkbox"/> Recommendation for Award of Contract | <input type="checkbox"/> Recommendation to Reject Bids | | |
| <input type="checkbox"/> Request for Proposals | | | |
| <input checked="" type="checkbox"/> Other <u>SEQRA Negative Declaration</u> | | | |

Action Requested:

- | | |
|---|--|
| <input type="checkbox"/> Board Authorization to Execute | <input type="checkbox"/> Legal Approval |
| <input type="checkbox"/> Board Authorization to Award | <input type="checkbox"/> Execution by the Chairman |
| <input type="checkbox"/> Board Authorization to Advertise for Bids | <input type="checkbox"/> Execution by the Secretary to the Authority |
| <input type="checkbox"/> Board Authorization to Solicit Request for Proposals | |
| <input checked="" type="checkbox"/> Other <u>Resolution for Adopting a SEQRA Negative Declaration</u> | |

Approvals Needed:

APPROVED AS TO CONTENT:

<input checked="" type="checkbox"/> Sr. Distribution Engineer		Date: <u>9/8/2021</u>
<input checked="" type="checkbox"/> Chief Operating Officer		Date: <u>9/8/21</u>
<input checked="" type="checkbox"/> Executive Engineer		Date: <u>09/08/2021</u>
<input type="checkbox"/> Director of Administration	_____	Date: _____
<input type="checkbox"/> Risk Manager	_____	Date: _____
<input type="checkbox"/> Chief Financial Officer	_____	Date: _____
<input checked="" type="checkbox"/> Legal		Date: <u>09/08/21</u>

APPROVED FOR BOARD RESOLUTION:

<input checked="" type="checkbox"/> Secretary to the Authority		Date: <u>09/08/21</u>
--	---	-----------------------

Remarks: _____

Resolution Date: _____ **Item No:** _____