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NOTICE AND AGENDA



Special Meeting of the Niagara Falls Water Board

September 6, 2022 5:00 PM

LOCATION: Due to construction at the Water Treatment Plant, this special meeting will take place at the **Wastewater Treatment Plant Administration Building Conference Room at 1201 Buffalo Avenue, Niagara Falls, NY**. Facility entry will be through the **west gate** – please comply with signage and directions given by on-site staff.

CONFERENCE CALL PARTICIPATION: In accordance with Chapter 417 of the Laws of 2021, as modified by Chapter 1 of the Laws of 2022 and pursuant to the continuation of the State Disaster Emergency Pursuant to Governor Hochul's Executive Order No. 11, these meetings may be attended by Board Members or members of the public either in-person or via conference call. Those attending in person will be required to complete a health screening form. Persons who wish to attend via conference call may do so by streaming the meeting at <https://www.gotomeet.me/NFWB> or by calling (646) 749-3131 and entering access code 816-472-309.

AGENDA

1. Preliminary Matters

a. Attendance:

Asklar (Board Member/Chairman of Finance/Member Exec. Staff Review Cmte.) _____

Forster (Chairman) _____

Kimble (Board Member) _____

**Larkin (Board Member/Vice Chairwoman/Governance Chairwoman/
Chairwoman Exec. Staff Review Cmte.) _____**

Leffler (Board Member/Member Exec. Staff Review Cmte.) _____

2. Resolutions

2022-09-001 – SEQRA LEAD AGENCY DESIGNATION AND DETERMINATION OF SIGNIFICANCE FOR BEECH AVENUE WATER TANK IMPROVEMENTS

- a. EAF Long Form Part 1**
- b. EAF Long Form Part 2**
- c. EAF Long Form Part 3**
- d. 2022-08-29 – NFTA Lead Agency Consent**
- e. 2022-08-04 – City of Niagara Falls SEQR Response**

2022-09-002 – AUTHORIZING PROCUREMENT OF MAIN PUMP VARIABLE FREQUENCY DRIVE

- a. Rexel Main Pump Number 4 VFD Remanufacture Quote**
- b. 2022-08-30 – Rexel Sole Source Letter for Main Pump VFD**

2022-09-003 – WTP CHLORINE GAS FEED PREVENTATIVE MAINTENANCE

- a. De Nora Preventative Maintenance Quote**

2022-09-004 – REVISED CHANGE ORDER FOR WWTP PROJECT 11, CONCRETE INTERFERENCE

- a. Revised Change Order Summary**
- b. Revised J.W. Danforth Change Order Proposal**
- c. Revised J.M. Davidson Change Order Proposal**

The following resolutions currently are anticipated for the September 26, 2022 business meeting:

- i. Upgrade WWTP Laboratory Information Management System to Sample Master Cloud-Hosted Software as a Service*
 - ii. Change Order for WWTP Project 3 – Screenings and Grit Transport Equipment Improvements, Polymer Equipment Upgrades, and Dewatering Equipment Control Upgrades*
 - iii. Procurement of Filters for WWTP Carbon Bed Air Handling Units*
 - iv. Revised Proposal for Gorge Pumping Station High-Voltage Electrical Preventative Maintenance*
 - v. Agreement for BHC Compliance Professional Engineering and Scientific Consulting Services*
 - vi. Memorandum of Understanding with City of Niagara Falls Regarding Police Department Substation at Water Treatment Plant*
- 3. Executive Session: Motion to enter into executive session for the purpose of considering matters leading to the appointment, employment, promotion, demotion, discipline, suspension, dismissal or removal of particular persons (Public Officers Law § 105(f)).**
- 4. September 6, 2022 Personnel Actions Sheet**
- 5. Adjournment of Meeting**

NIAGARA FALLS WATER BOARD RESOLUTION # 2022-09-001

SEQRA LEAD AGENCY DESIGNATION AND DETERMINATION OF SIGNIFICANCE FOR BEECH AVENUE WATER TANK IMPROVEMENTS

WHEREAS, the Niagara Falls Water Board (“Water Board”) has, by Resolution # 2022-07-004, determined that it is appropriate to apply for grant funding to assist in the financing of the various capital improvement projects identified in that resolution; and

WHEREAS, the Water Board has proposed to demolish existing Beech Avenue Water Tower and erect a new water storage tank with pump station for improving water distribution system within the City (the “Proposed Action”); and

WHEREAS, in accordance with the provisions of 6 NYCRR Part 617 (SEQRA), the Board adopted Resolution # 2022-07-004 on July 25, 2022, declaring its intent to act as Lead Agency for the Proposed Action, and has circulated notice of said intent to all potentially involved and interested agencies and other relevant entities; and

WHEREAS, more than 30 days has elapsed since the Water Board advised the potentially involved agencies of its intent to act as Lead Agency, and none of the agencies provided with this notice has challenged the intent of the Board to act as Lead Agency; and

WHEREAS, the Water Board has identified the relevant areas of environmental concern associated with the Proposed Action and has taken a hard look at these areas;

NOW, THEREFORE, BE IT

RESOLVED, that the Water Board hereby designates itself as Lead Agency for the Proposed Action pursuant to 6 NYCRR Part 617; and

BE IT FURTHER RESOLVED, that based upon examination of the Environmental Assessment Form (EAF), its own independent analysis of the Proposed Action, and comparison with the criteria for determining significance under 6 NYCRR 617.7, the Water Board finds that the Proposed Type 1 Action will not have a significant environmental impact and hereby issues a Negative Declaration; and

* CONTINUED ON NEXT PAGE *

BE IT FURTHER RESOLVED, that this determination is based on the facts and conclusions as noted in the attached EAF, which the Water Board adopts and incorporates herein.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Plan Item: W 2.1, Beech Ave. Water Storage Tank Replacement
Capital Lines Supplied by: D. Williamson
Availability of Funds: Will require debt issuance.

On September 6, 2022, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Asklar	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman Forster	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board

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: Niagara Falls Water Board Demolish and Replace Beech Avenue Tank		
Project Location (describe, and attach a general location map): 1780 Beech Avenue, Niagara Falls, NY		
Brief Description of Proposed Action (include purpose or need): To demolish an existing water storage tank and construct a new tank with pump station. The existing tank is an existing 2 million gallon, steel multi-leg tank that is approximately 150 feet high, 80 foot diameter and was constructed in 1948. The tank was decommissioned in the late 1990's. The new tank will consist of a new ground mounted, concrete tank approximately 4,000,000 gallons in size. New size is to be determined, is anticipated to be approximately 100 foot in diameter and 70 feet in height. A pump station building will also be constructed on site to pressurize water from the tank into the water distribution system. The new tank will allow for better water distribution within northern section of the City, increased water pressure for customers and additional fire fighting capabilities. Also, replacement of this tank will allow for greater system redundancy as the tank has been out of service for twenty years which results in the storage tank along 56th Avenue currently the only storage tank in service.		
Name of Applicant/Sponsor: Niagara Falls Water Board, attn: Dr. Abderrahman Zehraoui, Executive Direction	Telephone: 716-283-9770 E-Mail: azehraoui@nfwb.org	
Address: 5815 Buffalo Avenue		
City/PO: Niagara Falls	State:	Zip Code: 14304
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, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees	City of Niagara Falls	TBD 2023
b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	City of Niagara Falls	TBD 2023
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Environmental Facilities Corp. funding NYS Department of Health, design	9/9/22 TBD 2023
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Federal Aviation Administration	TBD 2023
i. Coastal Resources. i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

C. Planning and Zoning

C.1. Planning and zoning actions.

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

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

C.2. Adopted land use plans.

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

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

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

If Yes, identify the plan(s):

NYS Heritage Areas: West Erie Canal Corridor

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

If Yes, identify the plan(s):

C.3. Zoning

- a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☒ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
Property is zone R4 residential heritage per City of Niagara Falls Zoning Ordinance. Existing water storage tank has been on site since the late 1940's.
- 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? Niagara Falls School District
- b. What police or other public protection forces serve the project site?
Niagara Falls, NY
- c. Which fire protection and emergency medical services serve the project site?
Niagara Falls, NY
- d. What parks serve the project site?
City of Niagara Falls

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)? Maintenance of public water supply facility.
- b. a. Total acreage of the site of the proposed action? 1.25 acres
b. Total acreage to be physically disturbed? 1.25 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 1.25 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)? % 200 Units: square feet
- 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 3
 - Anticipated commencement date of phase 1 (including demolition) 5 month 2024 year
 - Anticipated completion date of final phase 10 month 2027 year
 - Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____
Phase 1: relocation of cellular facilities to new on site tower, Phase 2: demolition of existing tank, Phase 3: Construct replacement tank

f. Does the project include new residential uses? <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes,	
i. Total number of structures <u>3</u> ii. Dimensions (in feet) of largest proposed structure: <u>70</u> height; <u>100</u> width; and <u>100</u> length iii. Approximate extent of building space to be heated or cooled: <u>1,000</u> 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes,	
i. Purpose of the impoundment: <u>Water storage for municipal water system</u> ii. If a water impoundment, the principal source of the water: <input type="checkbox"/> Ground water <input type="checkbox"/> Surface water streams <input checked="" type="checkbox"/> Other specify: <u>From water treatment plant which draws water from the upper Niagara River.</u> iii. If other than water, identify the type of impounded/contained liquids and their source. _____ iv. Approximate size of the proposed impoundment. Volume: <u>4,000,000</u> million gallons; surface area: <u>0.50</u> acres v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): <u>Tank will have concrete foundation, prestressed walls and roof. Pump station will be pre-fabricated building or built on site with concrete and wood.</u>	

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 checked="" 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. What is the purpose of the excavation or dredging? _____ ii. 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? _____ iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____ _____ iv. Will there be onsite dewatering or processing of excavated materials? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe. _____ _____ v. What is the total area to be dredged or excavated? _____ acres vi. What is the maximum area to be worked at any one time? _____ acres vii. What would be the maximum depth of excavation or dredging? _____ feet viii. Will the excavation require blasting? <input type="checkbox"/> Yes <input type="checkbox"/> No ix. 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 checked="" type="checkbox"/> No If Yes:	
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____ _____	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Name of wastewater treatment plant to be used: Niagara Falls Wastewater Treatment Facility
- Name of district: City of Niagara Falls
- 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? _____	
If Yes: <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? _____ 	
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): _____	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____	
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? _____	
If Yes: <ul style="list-style-type: none"> i. How much impervious surface will the project create in relation to total size of project parcel? _____ _____ Square feet or _____ 0.75 acres (impervious surface) _____ Square feet or _____ 1.25 acres (parcel size) ii. Describe types of new point sources. _____ runoff from impervious surface of new storage tank, pump station building, parking lot and driveway. 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)? _____ 	
Stormwater will be directed to new drainage system to be installed on site. Water will then discharge into sewer system along adjacent roadways. Any water overflow or draining of water from tank will be directed to on site drainage system.	
<ul style="list-style-type: none"> • If to surface waters, identify receiving water bodies or wetlands: _____ • Will stormwater runoff flow to adjacent properties? _____ 	
iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? _____	
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? _____	
If Yes, identify: <ul style="list-style-type: none"> i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) _____ ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) _____ iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) _____ 	
Backup generator within pump station building to power pumps in case of power outage. To be contained within a building.	
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? _____	
If Yes: <ul style="list-style-type: none"> 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) _____ ii. In addition to emissions as calculated in the application, the project will generate: <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) 	

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Estimate methane generation in tons/year (metric): _____</p> <p>ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____</p>			
<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____</p>			
<p>j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. When is the peak traffic expected (Check all that apply): <input type="checkbox"/> Morning <input type="checkbox"/> Evening <input type="checkbox"/> Weekend <input type="checkbox"/> Randomly between hours of _____ to _____.</p> <p>ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____</p> <p>iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____</p> <p>iv. Does the proposed action include any shared use parking? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____</p> <p>vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>			
<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>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: _____ 7:00 am to 5:00 pm • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> <td style="width: 50%; vertical-align: top;"> <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ All day, 24 hour operation • Saturday: _____ All day, 24 hour operation • Sunday: _____ All day, 24 hour operation • Holidays: _____ All day, 24 hour operation </td> </tr> </table>		<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ 7:00 am to 5:00 pm • Saturday: _____ • Sunday: _____ • Holidays: _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ All day, 24 hour operation • Saturday: _____ All day, 24 hour operation • Sunday: _____ All day, 24 hour operation • Holidays: _____ All day, 24 hour operation
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<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p>Construction noise associated with demolition equipment, temporary electric generators, power tools, cut off saws, vehicles (dump trucks, excavators, cranes, front end loaders), etc. would occur during normal working hours of 7am to 5pm, Monday through Friday.</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 checked="" type="checkbox"/> No</p> <p>Describe: <u>Currently no barrier or screens exist. Security fencing will be installed around site perimeter. Shrubs and bushes can also be planted.</u></p>	
<p>n. Will the proposed action have outdoor lighting? <input checked="" 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>Site lighting to illuminate ground for maintenance workers and security purposes. Fixtures to be mounted on utility poles, around base of tank and on exterior walls of pump station.</p> <p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe: <u>Currently no barrier or screens exist. Security fencing will be installed around site perimeter. Shrubs and bushes can also be constructed.</u></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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s): _____</p> <p>_____</p> <p>_____</p> <p>ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input checked="" 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 checked="" 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: _____

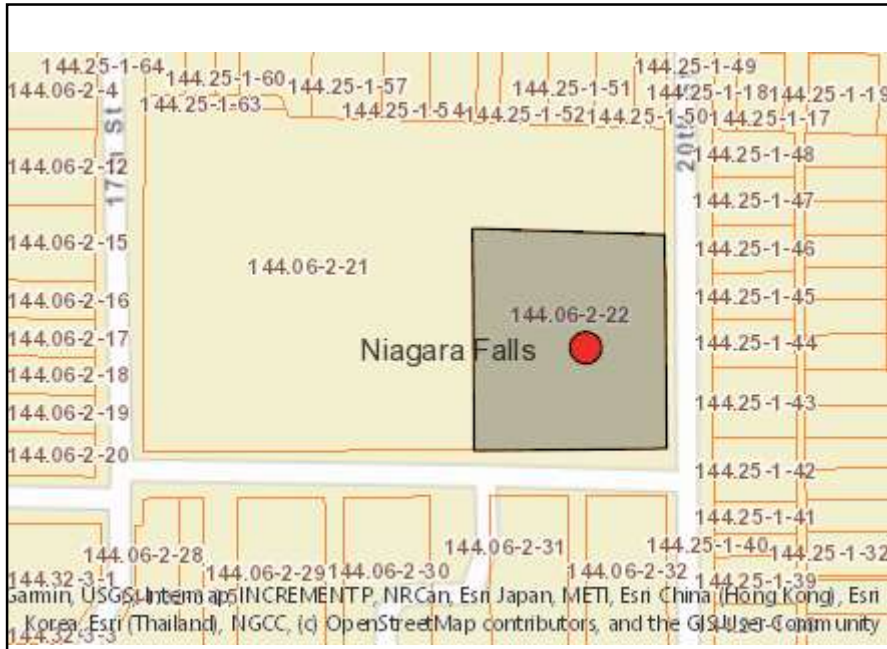
If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site																																							
<p>a. Existing land uses.</p> <p>i. Check all uses that occur on, adjoining and near the project site.</p> <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Urban <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban) <input type="checkbox"/> Rural (non-farm) </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other (specify): _____ </div> <p>ii. If mix of uses, generally describe: Surrounding uses include a school and houses. _____</p>																																							
<p>b. Land uses and covertypes on the project site.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Land use or Covertypes</th> <th style="width: 15%;">Current Acreage</th> <th style="width: 25%;">Acreage After Project Completion</th> <th style="width: 20%;">Change (Acres +/-)</th> </tr> </thead> <tbody> <tr> <td>• Roads, buildings, and other paved or impervious surfaces</td> <td style="text-align: center;">0.5</td> <td style="text-align: center;">0.80</td> <td style="text-align: center;">+0.30</td> </tr> <tr> <td>• Forested</td> <td></td> <td></td> <td></td> </tr> <tr> <td>• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>• Agricultural (includes active orchards, field, greenhouse etc.)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>• Surface water features (lakes, ponds, streams, rivers, etc.)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>• Wetlands (freshwater or tidal)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>• Non-vegetated (bare rock, earth or fill)</td> <td style="text-align: center;">0.75</td> <td style="text-align: center;">0.45</td> <td style="text-align: center;">-0.30</td> </tr> <tr> <td>• Other Describe: _____</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)	• Roads, buildings, and other paved or impervious surfaces	0.5	0.80	+0.30	• 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)	0.75	0.45	-0.30	• Other Describe: _____			
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• Other Describe: _____																																							

v. Is the project site subject to an institutional control limiting property uses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<ul style="list-style-type: none"> • If yes, DEC site ID number: _____ • Describe the type of institutional control (e.g., deed restriction or easement): _____ • Describe any use limitations: _____ • Describe any engineering controls: _____ • Will the project affect the institutional or engineering controls in place? <input type="checkbox"/> Yes <input 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? _____ N/A feet	
b. Are there bedrock outcroppings on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %	
c. Predominant soil type(s) present on project site: <u>Urban soils & fill</u> 100 % _____ _____ _____	
d. What is the average depth to the water table on the project site? Average: _____ N/A feet	
e. Drainage status of project site soils: <input type="checkbox"/> Well Drained: _____ % of site <input checked="" type="checkbox"/> Moderately Well Drained: <u>100</u> % of site <input type="checkbox"/> Poorly Drained _____ % of site	
f. Approximate proportion of proposed action site with slopes: <input checked="" type="checkbox"/> 0-10%: <u>100</u> % 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 checked="" type="checkbox"/> No If Yes, describe: _____	
h. Surface water features.	
i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
ii. Do any wetlands or other waterbodies adjoin the project site? <input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No	
j. Is the project site in the 100-year Floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
k. Is the project site in the 500-year Floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes:	
i. Name of aquifer: _____	

<p>m. Identify the predominant wildlife species that occupy or use the project site: _____</p> <p>Local birds _____</p> <p>_____</p>	
<p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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>	



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]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas: West Erie Canal Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	932131, C932157, 932036, 932136, B00022, C932134
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	No
E.2.h.iii [Surface Water Features]	No
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]	No
E.3.i. [Designated River Corridor]	No

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

Agency Use Only [If applicable]	
Project :	Beech Avenue Water Storage Tank
Date :	7/26/22

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> <div style="text-align: right;"> <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES </div>			
	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 checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	<input checked="" 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)

☒ NO☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	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)

☒ NO☐ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	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"/>
----------------------------------	--	--------------------------	--------------------------

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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	<input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input checked="" 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 checked="" 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 checked="" type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.f., D.2.h, D.2.g) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO ₂) ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane	D2g D2g D2g D2g D2g D2h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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.)

☒ NO☐ YES

If "Yes", answer questions a - h. If "No", go to Section 18.

	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)

☒ NO☐ YES

If "Yes", answer questions a - g. If "No", proceed to Part 3.

	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"/>

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

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

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

Reasons Supporting This Determination:

To complete this section:

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

The Beech Avenue water storage tank has existed since 1947 within a developed area of the City of Niagara Falls. As such, the tank has become familiar to the surrounding residents. Furthermore, existence and operation of the tank does not create excessive noise, pollution, light, shadows, or bird strikes. This tank is proposed to be removed and a new ground mounted, concrete storage tank with pump station building are proposed. The new tank will be approximately half in height of current tank (150 feet vs 70 feet). The tank will store clean, potable water that is safe for consumption. The proposed replacement will be newer, including fresh paint and elimination of any lead paint that may be discovered on the existing tank, and thus its finish is expected to be more attractive. Replacement of the tank will provide water customers with continued supply of water, adequate water pressure, redundant system storage and firefighting capabilities.

Section 1 of EAF Part 2 - construction will require removal of existing tank foundations and construction of a new foundation. Property has minimal slopes and no history of groundwater issues. As part of construction, disturbed areas will be restored to lawn. Impact on land will be minimal.

Section 4 of EAF Part 2 - the new tank will store water from the Niagara Falls Water Board treatment plant. The plant obtains water from the upper Niagara River which is a large water body. New tank does not require additional water from this river as it will only store water that is produced by the plant. Therefore, new tank will not have impact on groundwater.

Section 16 of EAF Part 2 - the tank is located adjacent to the Henry J Kalfas Magnet School. The existing tank does not cause any adverse impacts to the school. The new tank will be less in height, lessening visual impact.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☒ Type 1 ☐ Unlisted

Identify portions of EAF that are used for this project: ☒ Part 1 ☒ Part 2 ☒ Part 3 ☒ Part 4 ☒ Part 5 ☒ Part 6 ☒ Part 7 ☒ Part 8 ☒ Part 9 ☒ Part 10 ☒ Part 11 ☒ Part 12 ☒ Part 13 ☒ Part 14 ☒ Part 15 ☒ Part 16 ☒ Part 17 ☒ Part 18 ☒ Part 19 ☒ Part 20 ☒ Part 21 ☒ Part 22 ☒ Part 23 ☒ Part 24 ☒ Part 25 ☒ Part 26 ☒ Part 27 ☒ Part 28 ☒ Part 29 ☒ Part 30 ☒ Part 31 ☒ Part 32 ☒ Part 33 ☒ Part 34 ☒ Part 35 ☒ Part 36 ☒ Part 37 ☒ Part 38 ☒ Part 39 ☒ Part 40 ☒ Part 41 ☒ Part 42 ☒ Part 43 ☒ Part 44 ☒ Part 45 ☒ Part 46 ☒ Part 47 ☒ Part 48 ☒ Part 49 ☒ Part 50 ☒ Part 51 ☒ Part 52 ☒ Part 53 ☒ Part 54 ☒ Part 55 ☒ Part 56 ☒ Part 57 ☒ Part 58 ☒ Part 59 ☒ Part 60 ☒ Part 61 ☒ Part 62 ☒ Part 63 ☒ Part 64 ☒ Part 65 ☒ Part 66 ☒ Part 67 ☒ Part 68 ☒ Part 69 ☒ Part 70 ☒ Part 71 ☒ Part 72 ☒ Part 73 ☒ Part 74 ☒ Part 75 ☒ Part 76 ☒ Part 77 ☒ Part 78 ☒ Part 79 ☒ Part 80 ☒ Part 81 ☒ Part 82 ☒ Part 83 ☒ Part 84 ☒ Part 85 ☒ Part 86 ☒ Part 87 ☒ Part 88 ☒ Part 89 ☒ Part 90 ☒ Part 91 ☒ Part 92 ☒ Part 93 ☒ Part 94 ☒ Part 95 ☒ Part 96 ☒ Part 97 ☒ Part 98 ☒ Part 99 ☒ Part 100

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Upon review of the information recorded on this EAF, as noted, plus this additional support information
2022 Water Tank Study prepared by the Niagara Falls Water Board and CPL. Comment letters received from notified agencies.

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the
Niagara Falls Water Board _____ 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: Niagara Falls Water Board Demolish and Replace Beech Avenue Tank

Name of Lead Agency: Niagara Falls Water Board

Name of Responsible Officer in Lead Agency: Dr. Abderrahman Zehraoui

Title of Responsible Officer: Executive Director

Signature of Responsible Officer in Lead Agency:

Date:

Signature of Preparer (if different from Responsible Officer) Seth Krull, CPL Buffalo, NY 14203

Date:

For Further Information:

Contact Person: Niagara Falls Water Board, Dr. Abderrahman Zehraoui

Address: 5815 Buffalo Avenue, Niagara Falls NY, 14304

Telephone Number: 716-283-9770

E-mail: azehraoui@nfwb.org

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>

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Page 2 of 2



Niagara Frontier Transportation Authority
Serving the Niagara Region

181 Ellicott Street
Buffalo, New York 14203
716-855-7300
Fax: 716-855-6676
TDD: 855-7650
www.nfta.com

August 29, 2022

Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304
Attn: Doug Williamson

Re: SEQR Coordination – Demolish and Replace Beech Avenue Water Tank

Dear Mr. Williamson:

Thank you very much for the ability to comment on the proposed action. The Niagara Frontier Transportation Agency (NFTA) consents to the establishment of the NFWB as Lead Agency for the environmental review of this project.

If the NFTA can be of any further assistance, please feel free to contact me at (716) 855-7300.

Respectfully,

A handwritten signature in black ink that reads "James Lavelle". The script is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

James Lavelle
Director, HSEQ

From: Josh.Greene@niagarafallsny.gov
Sent: Thursday, August 4, 2022 11:06 AM
To: Douglas Williamson
Subject: NFWB Water Tower Project - CNF Comments

Hello Douglas,

The City of Niagara Falls has received and reviewed the SEQR documentation that has been sent to the City's Planning Department with regard to the water tower project at 1780 Beech Ave. After review, the City has not identified any issues with the SEQR determination nor with the Water Board taking lead agency status.

The City is happy to assist the Water Board in whatever way necessary to ensure this project is completed. Please feel free to reach out whenever should the City's assistance be required.

Joshua Greene
Environmental Planner/GIS Coordinator
City of Niagara Falls, NY
City Hall
745 Main St
Niagara Falls, NY, 14302
Phone: 716-286-4462
Email: Josh.Greene@niagarafallsny.gov

NIAGARA FALLS WATER BOARD RESOLUTION # 2022-09-002

**AUTHORIZING PROCUREMENT OF REMANUFACTURED
MAIN PUMP VARIABLE FREQUENCY DRIVE**

WHEREAS, the main pumps at the Niagara Falls Water Board's wastewater treatment plant ("WWTP") are operated using variable frequency drives ("VFDs"); and

WHEREAS, on August 9, 2022 the Allen-Bradley VFD on Main Pump No. 4 failed; and

WHEREAS, the cost for Rexel, the sole source for Allen-Bradley VFD service in the territory where the Water Board is located, to remanufacture the VFD is \$18,960.05, plus shipping costs to be paid by the Water Board; and

WHEREAS, it will be considerably faster and more cost effective to have the VFD remanufactured versus buying a new unit, and pending receipt of a functional VFD the Water Board is renting a VFD at a cost of approximately \$1,000 per week to maintain full main pump capacity;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, the Executive Director is hereby authorized to pay Rexel up to \$18,960.05 for a remanufactured variable frequency drive for wastewater treatment plant main pump No. 4.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
Capital Line: WWTP-17, WWTP Infrastructure Projects, Misc.
Budget Line Supplied by: D. Williamson
Available Funds Confirmed by: B. Majchrowicz

On September 6, 2022, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Asklar	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman Forster	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board

Description:
A20F1AND361AN0NNNNN/A

Quote #1025707
Updated On: 08/09/2022

Company Name:
NIAGARA FALLS WATER BOARD

Billing Address:
NIAGARA FALLS WATER BOARD
(15056)
5815 BUFFALO AVE
NIAGARA FALLS, NY 14304-3832

Created Date:
8/9/22

Shipping Address:
5815 BUFFALO AVE
NIAGARA FALLS, NY 14304-3832 USA


Shipping Method:
Store Truck

FOB:
Factory

Sales Person:
Mark Pfeil
Mark.Pfeil@RexelUSA.com

Branch:
Cheektowaga #3903
(716) 893-3030

Special Quote Conditions:
Customer responsible for shipping cost to Rockwell repair HUB

PRODUCTS	QTY	UNT PR / UOM	TOTALS
1. Standard Remanufacture, A20F1AND361AN0NNNNN/A, PN-C167071, approx., 2 week lead time(after receipt at Rockwell facility), 18 month warranty			
2.  A20F1AND361AN0NNNNN/A Item# 1243217 PF753 480VAC 361 MFR: Allen-Bradley	1	\$18,960.05 ⁰⁰⁰ EA	\$18,960.05
3. **due to on going supply chain issues lead times are approximate			

Entire Quote:

Sub Total:	\$18,960.05
S/H:	\$0.00
Other Charges:	\$0.00
Tax:	Not Included
Total:	\$18,960.05

Prices are subject to change at any time prior to shipment unless agreed to otherwise in writing signed by an authorized Seller representative. Orders related to this quotation must be received, accepted and released by Seller within 48 hours of issuance of the quotation and are subject to availability. Many of Seller's manufacturing partners have advised that until further notice they reserve the right to amend the delivery date, price, scope and quantity of supply and/or other terms and conditions set out in their offer or quotation and Seller equally reserves the right to pass through any such changes from its manufacturing partners to the Buyer. Delivery dates are estimated only. Seller shall not be liable for failure to meet such dates resulting from product shortages or manufacturing delays. Be advised that Seller considers any changes imposed by its manufacturing partners and other vendors outside of Seller's reasonable control and therefore subject to Force Majeure provisions or similar common law doctrines such as "frustration" or "impossibility".

Seller's Standard Terms and Conditions of Sale are incorporated by reference into this quotation. A copy of the most current version of Seller's Standard Terms and Conditions of Sale is available at. <https://www.rexelusainc.com/terms/terms.html>

Full phone support at (888) 739-3577

Delivery dates are estimated only. Seller shall not be liable for failure to meet such dates resulting from product shortages or manufacturing delays.



Date: 8/30/2022

Niagara Falls Water Board
5815 Buffalo Avenue
Niagara Falls, NY 14304

Attn: Sean Costello

Re: Rexel Automation

Dear Mr. Costello:

This is to confirm that Rexel Automation currently is the only distributor appointed and authorized to sell Allen-Bradley Standard Controls, Drives, PLC/MMI, Rockwell Software products and all services offerings in the geographic area in which Niagara Falls, NY is located. As a matter of Company policy, full factory product and sales support is made available only to the local authorized distributor, and it is Rockwell Automation's practice and policy to always promote and recommend the use of that distributor to customers in that geographic area. Rockwell Automation discourages the use of other non-authorized sources, including distributors who may hold an Allen-Bradley appointment in another locale.

Should you have any questions regarding the above, please do not hesitate to contact either Rexel Automation or Rockwell Automation.

Respectfully,

Lee Eye

Lee Eye

Territory Sales Manager

leye@ra.rockwell.com

NIAGARA FALLS WATER BOARD RESOLUTION # 2022-09-003

WTP CHLORINE GAS FEED PREVENTATIVE MAINTENANCE

WHEREAS, the Niagara Falls Water Board's water treatment plant ("WTP") utilizes gaseous chlorine for disinfection purposes; and

WHEREAS, it is vital that the WTP chlorine gas feed system be maintained in good repair to ensure reliable operation and to prevent the escape of hazardous gas; and

WHEREAS, Water Board staff have obtained a quote from De Nora Water Technologies, Inc., as the original equipment manufacturer for the chlorine gas feed system, to perform preventative maintenance including replacement of various wear parts and replacement of two chlorinators, the main valves for feeding chlorine, which are original to the WTP and are near the end of their useful service life; and

WHEREAS, the quote from De Nora which includes both materials and labor for the desired scope of preventative maintenance totals \$20,381.85;

* CONTINUED ON NEXT PAGE *

NOW THEREFORE BE IT

RESOLVED, that on behalf of the Niagara Falls Water Board, the Executive Director is hereby authorized to pay to De Nora Water Technologies, Inc., up to \$20,381.85 for preventative maintenance work on the water treatment plant's chlorine gas feed system.

Water Board Personnel Responsible for Implementation of this Resolution:

Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:

To be determined.

On September 6, 2022, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Asklar	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman Forster	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board

QUOTATION	NUMBER 20027451	DATE 05/10/2022	Page 1 of 3
CUSTOMER REFERENCE P-120894 of			CURRENCY USD



SHIPPING METHOD		END OF VALIDITY 09/30/2022	
PAYMENT TERMS Net 30 days		SHIPPING POINT ADDRESS DE NORA WATER TECHNOLOGIES, LLC. 3000 Advance Lane COLMAR, PA 18915 USA	PACKAGING Included
INCOTERMS EXW - Ex Works			
DE NORA CONTACT Ron Bywaters ph: mail: Ron.Bywaters@denora.com		SOLD TO PARTY 30005727 PERTECH 369 KENMORE AVE BUFFALO, NY 14223 USA	
SHIP TO PARTY 30005727			

ITEM / CODE / DESCRIPTION	U.M	QTY	PRICE	CURRENCY	AMOUNT
10 47001316 Kit, PM, Ma30/31 1k-3k lb/D CL2 &SO2 Legacy Part Number: 28080	PC	8	53.20	USD	425.60
20 47001164 Pmk70-17/1800 Vac Reg Legacy Part Number: 614S090U01	PC	8	81.20	USD	649.60
30 47001636 Chloromatic Seal Replace. Kit, CL2 & SO2 Legacy Part Number: 614B780U01	PC	1	99.40	USD	99.40
40 45040334 O-Ring Legacy Part Number: OV-11-115	PC	2	5.60	USD	11.20
50 45037260 Sealing Diaphragm Legacy Part Number: D-102	PC	4	6.30	USD	25.20
60 45040610 Micro Switch Legacy Part Number: R-5615	PC	2	107.80	USD	215.60

TAX BASE	SALES TAX AMOUNT	TOTAL PRODUCT	TOTAL SALES TAX	TOTAL
20,381.85 USD	0.00 USD	20,381.85 USD	0.00 USD	20,381.85 USD

De Nora Water Technologies LLC., 1110 Industrial Boulevard, Sugar Land, TX 77478 USA
TIN: 23-2259749, Tel: 1-281-240-6770 Fax: 1-281-274-8492 Web: www.denora.com

QUOTATION	NUMBER 20027451	DATE 05/10/2022	Page 2 of 3
CUSTOMER REFERENCE P-120894 of			CURRENCY USD



70	47001295	PC	2	86.80	USD	173.60
	Kit, Spare Parts, 2in & 3in Ejector Legacy Part Number: 29174					
90	47001179	PC	1	29.40	USD	29.40
	Pm Kit,500 lb/D (10kgh) Max, Som,CL2/SO2 Legacy Part Number: 14428					
100	47001165	PC	1	62.30	USD	62.30
	Pmk70-17/1800 (1") Ejector Legacy Part Number: 614S092U01					
120	38000015	PC	1	5,597.60	USD	5,597.60
	Compact Cabinet Type 4100B (Sonic Operation) Manual or Automatic Automatic 4100B Gas Type Cl2 Capacity 500 lb/d (10 kg/h)Cl2,SO2,B2 Vacuum Switches With Vacuum Switches 4-20 mA Retransmission Without 4-20 mA Retransmission Voltage Requirements 120 V Legacy Part Number: 4100B/4200B					
130	38000014	PC	1	3,030.25	USD	3,030.25
	Control Valve Type 2000CV Voltage Requirements 120 V Gas Type Cl2 Maximum Capacity 500 PPD, 2000CV Capacity 500 PPD, (10 kg/h) - Cl2 SO2 Vacuum Switches With Vacuum Switches 4-20 mA Retransmission Without 4-20 mA Retransmission Legacy Part Number: 2000WP/3000WP					
140	38000010	PC	1	1,403.50	USD	1,403.50
	Gas Chlorine, 500 PPD MAX Mounting Type U.S. Ton Right Hand - Cl2 Heater Voltage 120 VAC, 50/60 Hz, 25 W Legacy Part Number: VR3000					
150	36000319	PC	1	8,380.00	USD	8,380.00
	De Nora Water Technologies has included Five (5) days of service portal to portal, inclusive of travel. Three (3) days has					

TAX BASE	SALES TAX AMOUNT	TOTAL PRODUCT	TOTAL SALES TAX	TOTAL
20,381.85 USD	0.00 USD	20,381.85 USD	0.00 USD	20,381.85 USD

De Nora Water Technologies LLC., 1110 Industrial Boulevard, Sugar Land, TX 77478 USA

TIN: 23-2259749, Tel: 1-281-240-6770 Fax: 1-281-274-8492 Web: www.denora.com

QUOTATION	NUMBER 20027451	DATE 05/10/2022	Page 3 of 3
CUSTOMER REFERENCE P-120894 of			CURRENCY USD



been allotted for site work. If additional time is required, it will be charged at prevailing rates.

Services include preventive maintenance on
Eight (8) vacuum regulators and meter assemblies.
One (1) gas feed panel
Four (4) Ejectors

Replacement of.
Two (2) micro switches
One (1) vacuum regulator to replace unit with cracked body

Optional items
One (1) 4100B Gas Feed Cabinet.
One (1) 2000 Series Wall Panel.

Note: Preventive maintenance on obsolete wall panel and feed cabinets has been excluded. Maintenance on cabinets as old as these can carry additional risks. They can be assessed further during the visit and additional recommendations can be made at that time.

160	45037052	PC	1	137.20	USD	137.20
	Tubing, 3/8", 100 Foot Coil					
	Legacy Part Number: R-340					
170	45038415	PC	1	141.40	USD	141.40
	Tubing, 5/8", 100 Foot Coil					
	Legacy Part Number: R-1047					

De Nora and Customer agree that the General Terms and Conditions of Sale set forth at <https://www.denora.com/info/Sales-Terms---Conditions.html> (the "Terms") shall exclusively govern the transactions described or contemplated in this Purchase Order or Proposal, as applicable, and any other sales or related transaction between the parties herein, and such Terms are expressly incorporated by reference herein and to any related agreements between the parties. Any additional or different terms or conditions which may appear in any communication from Customer, including, without limitation, in any printed form provided, are hereby expressly objected to and rejected in full and shall not be effective or binding in any capacity unless expressly accepted in an authorized writing by De Nora, regardless of, and fully notwithstanding, De Nora's supply of any goods and services or the execution of any document or acceptance by any person other than an officer or authorized agent of De Nora.

TAX BASE	SALES TAX AMOUNT	TOTAL PRODUCT	TOTAL SALES TAX	TOTAL
20,381.85 USD	0.00 USD	20,381.85 USD	0.00 USD	20,381.85 USD

De Nora Water Technologies LLC., 1110 Industrial Boulevard, Sugar Land, TX 77478 USA

TIN: 23-2259749, Tel: 1-281-240-6770 Fax: 1-281-274-8492 Web: www.denora.com

**REVISED CHANGE ORDER FOR WWTP PROJECT 11,
CONCRETE INTERFERENCE**

WHEREAS, the Niagara Falls Water Board (“Water Board”) contracted with JM Davidson Engineering, D.P.C. (“JM Davidson”), to prepare designs, plans, and specifications for certain work to improve exterior process piping at the wastewater treatment plant (“Project 11”), required pursuant to Order on Consent R9-20170906-129 with the New York State Department of Environmental Conservation, and the contract for construction of the Project 11 improvements was awarded to John W. Danforth Co.; and

WHEREAS, the original Project 11 design documents specified replacement of seven existing four-inch diameter sludge pipes from the sludge building to a pipe flange located just outside the thickened sludge pump station basement wall, but it was discovered in the field that concrete was backfilled over the existing sludge lines to the pump station wall, and as such, removal of the existing piping and concrete would damage the existing wall sleeve flanges eliminating the potential to re-connect as planned; and

WHEREAS, CPL, the Water Board’s WWTP capital projects manager, Water Board staff, and JM Davidson staff met onsite and determined that the recommended course of action to address this concrete interference is core drilling and installing new wall sleeves into the sludge pump station basement; and

WHEREAS, at the July 2022 Water Board meeting, a change order for the cost of the new construction work (\$158,373.93 in new funds after a remaining allowance) and associated engineering services (\$22,500) was considered and rejected by the Board; and

WHEREAS, Water Board staff, CPL, JM Davidson, and John W. Danforth subsequently worked to identify ways to reduce the cost of the change order, including by performing certain work using Water Board forces, the Water Board directly purchasing certain hoses for less than the rental costs for those hoses, using Water Board forces to create a new temporary doorway to the pump station building rather than incur the costs of installing a bridge over the necessary excavation, and using a Water Board employee to perform certain administration or inspection work that originally would have been performed by JM Davidson; and

WHEREAS, Danforth has presented a revised change order proposal dated August 31, 2022 to perform a revised scope of construction work necessary to address the concrete interference as a change order to its contract for Project 11 work for a total of \$113,690.62 in new funds; and

WHEREAS, JM Davidson has presented a proposal dated August 31, 2022 to perform construction-phase engineering and inspection services for Danforth’s proposed additional work as a change order to its contract for Project 11 engineering services for a total of \$15,378; and

WHEREAS, though the Water Board will some direct costs in connection with the work it is performing and materials it is purchasing directly, the costs payable to John W. Danforth and JM Davidson have been reduced by \$51,805; and

WHEREAS, up to 50% of the cost of the work that is the subject of this resolution will be reimbursable under the Water Board's State and Municipal Facilities Program ("SAM") Grant, Project ID No. 15688;

NOW THEREFORE BE IT

RESOLVED, that the Niagara Falls Water Board hereby authorizes the Executive Director to execute a change order with John W. Danforth Co. to add performance of the scope of work outlined in Danforth's July 11, 2022 proposal to its contract for WWTP Project 11 for a fee in addition to previously-approved funds not to exceed \$113,690.62; and

IT IS FURTHER RESOLVED, that the Niagara Falls Water Board hereby the Executive Director to execute a change order with JM Davidson Engineering, D.P.C., to add performance of the scope of work outlined in that firm's August 31, 2022 proposal to its contract for WWTP Project 11 for an additional fee not to exceed \$15,378.

Water Board Personnel Responsible for Implementation of this Resolution:
Executive Director

Water Board Budget Line or Capital Plan Item with Funds for this Resolution:
CIP Item No. WWTP 11.4 - Project No.11 (WWTP Phase II) – Exterior Piping Improvements (Replacement of Sludge and Hypochlorite Pipelines) (SAM Grant Project ID #20545)

On September 6, 2022, the question of the adoption of the foregoing Resolution was duly put to a vote on roll call, which resulted as follows:

	Yes	No	Abstain	Absent
Board Member Asklar	[]	[]	[]	[]
Board Member Kimble	[]	[]	[]	[]
Board Member Larkin	[]	[]	[]	[]
Board Member Leffler	[]	[]	[]	[]
Chairman Forster	[]	[]	[]	[]

Signed By:

Vote Witnessed By:

Nicholas J. Forster, Chairman

Sean W. Costello, Secretary to Board

CHANGE ORDER COST SUMMARY

PROJECT 11 - SLUDGE LINE CONCRETE INTERFERENCE EXTRA WORK

DESCRIPTION OF WORK	ORIGINAL CHANGE ORDER	REVISED CHANGE ORDER	DIFFERENCE	NOTES
JOHN W. DANFORTH SUBCONTRACTOR MARK CERRONE INC. SCOPE OF WORK				
ADDT'L EXCAVATION AND BACKFILL AND MOVING SOIL FOR BERM	\$ 6,747.98	\$ 3,437.74	\$ (3,310.24)	CONTRACTOR REDUCED TIME AFTER CLARIFIED SCOPE OF EARTHWORK
CONCRETE BREAKING	\$ 14,208.72	\$ 14,208.72	\$ -	
ADDITIONAL ASPHALT RESTORATION	\$ 2,018.12	\$ -	\$ (2,018.12)	REMOVED EXTRA ASPHALT WORK, FRONT OF BUILDING TO BE PAVED WITH LARGER PAVING PROJECT AT FACILITY
ADDITION OF INSULATION BOARD TO SLUDGE LINES	\$ 2,014.96	\$ -	\$ -	
SUBTOTAL	\$ 24,989.78	\$ 19,661.42		
10% OVERHEAD (MARK CERRONE INC.)	\$ 2,498.98	\$ 1,966.14		
SUBTOTAL	\$ 27,488.76	\$ 21,627.56		
5% PROFIT (MARK CERRONE INC.)	\$ 1,374.44	\$ 1,081.38		
SUBTOTAL	\$ 28,863.20	\$ 22,708.94		
CREDIT FOR REMOVING ALL ASPHALT WORK FROM SCOPE		\$ (3,031.12)	\$ (3,031.12)	REMOVED BASE ASPHALT WORK IN SCOPE OF BID, FRONT OF BUILDING TO BE PAVED WITH LARGER PAVING PROJECT AT FACILITY
CREDIT FOR REMOVING FINE GRADING AND SEEDING FROM SCOPE OF WORK		\$ (2,627.88)	\$ (2,627.88)	REMOVE GRASS RESTORATION IN SCOPE OF BID, TO BE COMPLETED BY NFWB MAINTENANCE STAFF
TOTAL MARK CERRONE INC. COST	\$ 28,863.20	\$ 17,049.94		
JOHN W. DANFORTH 5% MARKUP ON SUBCONTRACTOR WORK				
	\$ 1,443.16	\$ 852.50		
MARK CERRONE INC. SCOPE OF WORK SUBTOTAL	\$ 30,306.36	\$ 17,902.44	\$ (12,403.92)	
JOHN W. DANFORTH SCOPE OF WORK (15% OVERHEAD AND PROFIT INCLUDED IN EACH LINE ITEM)				
REMOVE GRATING AND INSTALL HAND RAIL	\$7,747.62	\$ -	\$ (7,747.62)	NFWB CARPENTERS TO PERFORM THIS WORK FOR CONTRACTOR
RECEIVE AND LAYOUT HOSES	\$34,950.73	\$ 23,336.97	\$ (11,613.76)	PRICE REDUCED, INSTEAD OF RENTING HOSES, PURCHASE LIGHTER DUTY HOSES THAT NFWB WILL KEEP AT END OF PROJECT
CONNECT HOSES DURING 4 SHUT DOWNS	\$13,057.18	\$ 12,801.16	\$ (256.02)	REMOVED 2% MARKUP FOR WARRANTY IN EXTRA WORK CALCULATIONS
COORDINATE WITH CERRONE DURING CONCRETE DEMO	4,829.94	\$ 4,735.24	\$ (94.70)	REMOVED 2% MARKUP FOR WARRANTY IN EXTRA WORK CALCULATIONS
CORE HOLES FOR NEW PIPE TIE IN POINTS	\$17,638.31	\$ 17,292.46	\$ (345.85)	REMOVED 2% MARKUP FOR WARRANTY IN EXTRA WORK CALCULATIONS
INSTALL NEW PIPING THRU CORE HOLES FOR CERRONE TO TIE INTO	\$9,058.99	\$ 8,881.36	\$ (177.63)	REMOVED 2% MARKUP FOR WARRANTY IN EXTRA WORK CALCULATIONS
DISCONNECTION HOSES FOR FINAL TIE INS DURING 4 SHUT DOWNS	\$13,057.18	\$ 12,801.16	\$ (256.02)	REMOVED 2% MARKUP FOR WARRANTY IN EXTRA WORK CALCULATIONS
DEMO AND CLEAN UP HOSES	\$8,566.33	\$ -	\$ (8,566.33)	NFWB MAINTENANCE STAFF WILL TAKE OWNERSHIP OF HOSES SO THEY WILL ALSO CLEAN THEM WHEN DONE AND PREPARE THEM FOR STORAGE
TEMPORARY BRIDGE OVER EXCAVATION	\$8,534.74	\$ -	\$ (8,534.74)	ELIMINATED AS NFWB CREATED A NEW DOOR OPENING TO AVOID NEEDING A TEMPORARY BRIDGE
2 MONTHS OF SLUDGE HOSE RENTAL DURING DELAY TIME	\$10,626.55	\$ -	\$ (10,626.55)	ELIMINATED AS THE RENTAL DELAY COST WENT FROM 2 TO 3 MONTHS
3 MONTHS OF SLUDGE HOSE RENTAL DURING DELAY TIME	\$ -	\$ 15,939.83	\$ 15,939.83	NEW RENTAL COST TO COVER RENTAL OF HOSES FOR JUNE THRU AUGUST AS PART OF DELAY IN FINISHING WORK DUE TO CONCRETE INTERFERENCE. NFWB PURCHASED THESE ON 8/31/22 SINCE THE BUYOUT WAS CHEAPER THAN RENTING FOR THE REMAINDER OF PROJECT
JOHN W. DANFORTH SCOPE OF WORK SUBTOTAL	\$ 128,067.57	\$ 95,788.18	\$ (32,279.39)	
TOTAL CONTRACTOR CHANGE ORDER COST	\$ 158,373.93	\$ 113,690.62	\$ (44,683.31)	
JM DAVIDSON ENGINEERING COST FOR ADDITIONAL CONSTRUCTION OVERSIGHT TIME DUE TO LONGER CONSTRUCTION SCHEDULE TO COMPLETE THE WORK				
	\$ 22,500.00	\$ 15,378.00	\$ (7,122.00)	JM DAVIDSON ELIMINATED SOME FULL TIME INSPECTION DAYS AND REPLACED THEM WITH PART TIME INSPECTION, ALSO REDUCED NUMBER OF SITE VISITS BY RELYING ON SOME ASSISTANCE FROM NFWB STAFF TO CHECK IN ON PROJECT DURING MINOR WORK ACTIVITIES
TOTAL VALUE OF CHANGE ORDER	\$ 180,873.93	\$ 129,068.62	\$ (51,805.31)	AS PART OF ELIMINATING OR CHANGING THE CONTRACTOR SCOPE AND NFWB PURCHASING HOSES THERE IS A \$51,805.31 SAVINGS ON THE CHANGE ORDER
VALUE OF DUCTILE IRON PIPE NEEDED TO MAKE THE CONNECTIONS PURCHASED UNDER THE PROJECT ALLOWANCE ITEM		\$ 12,890.25		ADDITIONAL DUCTILE IRON PIPE TO MAKE THE CONNECTION FROM THE BID SCOPE OF WORK TO THE FLANGED FITTINGS IN THE BUILDING WHICH WAS ADDED DUE TO THE CONCRETE INTERFERENCE
VALUE OF BUYOUT OF THE RENTAL HOSES FOR THE SLUDGE LINES		\$ 8,472.00		NFWB PURCHASED RENTAL HOSES ON 8/31/22 SINCE IT WAS CHEAPER THAN ALLOWING THE CONTRACTOR TO CONTINUE RENTING THEM FOR THE REMAINDER OF THE PROJECT
TOTAL VALUE OF THE WORK		\$ 150,430.87		TOTAL VALUE OF EXTRA WORK RELATED TO THE CONCRETE INTERFERENCE WITH THE SLUDGE LINES

Cost Breakdowns

Cerrone

Additional excavation & backfill & moving soil for berm	\$	3,437.74
Concrete breaking	\$	14,208.72
Additional Insulation Board	\$	2,014.96
Cerrone Subtotal	\$	19,661.42
Cerrone 10% Overhead	\$	1,966.14
Cerrone Subtotal	\$	21,627.56
Cerrone 5% Profit	\$	1,081.38
Cerrone Subtotal	\$	22,708.94
Cerrone Credits	\$	(5,659.00)
Cerrone Total	\$	17,049.94
Cerrone Total w/ JWD 5% Markup	\$	17,902.44

JWD - (All cost include 15% OH&P)

MWBE included dollars

		NFWB to Perform Work
Remove grating and install temp. handrail	\$	-
Receive & Layout hoses	\$	23,336.97
Connect Hoses during 4 shutdowns	\$	12,801.16
Coordinate with Cerrone during concrete demo	\$	4,735.24
Core holes for new tie points	\$	17,292.46
Install new piping thru cores for Cerrone to tie on to	\$	8,881.36
Disconnect hoses for final tie ins during 4 shutdowns	\$	12,801.16
Demo & clean up hoses	\$	-
Temporary Bridge over excavation	\$	-
3 Month Rental of hoses - Sludge basement - work was stopped on 6-10-22	\$	15,939.83
Purchase Temporary Hoses	\$	-

JWD Total

Combined Total

Purchase DI Pipe & Fittings under the Allowance	\$ 12,890.25
Total	\$ 126,580.87

August 31, 2022

John W. Danforth Company
Attn: Craig Reagan
300 Colvin Woods Parkway
Tonawanda, NY 14150

Re: MCI Job #21-1064- / Utility Work - NFWB Contract 11G
PCO # 003 – Sludge Line Replacement Changes – REV 01

Dear Mr. Reagan:

Mark Cerrone, Inc. (MCI) has prepared the following estimate for work that is in addition to our contracted scope of work on the above referenced project. This work includes: Installing proposed berm - to include placing and shaping suitable fill from pipe excavation over trench to build frost protection berm over pipes. Please note breakdown below is based on using on-site materials. Concrete breaking - removing existing concrete in conflict with proposed pipe connections. Due to the proximity of the Sludge Pump Bldg foundation, MCI must safely and strategically perform this concrete breaking and removal. Asphalt Restoration – Credit. Furnish and Install 02" Rigid Insulation Board over and along sides of thickened sludge pipes between sludge building and point where 4' of cover is reached south of the electrical duct bank. Sludge Line Lawn Restoration - Credit.

MCI will provide all labor, equipment, materials, subcontractors and supervision to complete the following scope of the work, the details of which are attached in the accompanying Proposal Summary:

The above scope of work can be completed for the lump sum price of **SEVENTEEN THOUSAND FORTY-NINE DOLLARS AND 94/100 (\$ 17,049.94).**

MCI will not commence any work outlined in this proposal without a written acceptance of this proposal. Should you accept this proposal, please issue such acceptance in anticipation of issuing a formal change order.

Should you have any additional questions, please feel to call me at my office 716-282-5244 or on my cell phone, 716-352-6046.

Sincerely,

James Larcara
Project Manager
jlarcara@markcerrone.com

Mailing Address

P.O. Box 3009
Niagara Falls, NY 14304

An Equal Opportunity Employer

Physical Address

2368 Maryland Avenue
Niagara Falls, NY 14305

Safety and Quality First

21-1064 Utility Work - NFWB Contract 11G
PCO 003 - Sludge Line Replacement Changes (Proposal)

[illegible]**Mailing Address**

P.O. Box 3009
Niagara Falls, NY 14304

Physical Address

2368 Maryland Avenue
Niagara Falls, NY 14305

Safety and Quality First

Extra / Proposed Work Cost Breakout

JOB #	21-1064	CIENT	Danforth		DATE	
PHASE NO.	98-0030	PHASE DESCRIPTION	Sludge Line Replacement Changes	EWA #		
WORK DESCRIPTION						
Installing proposed berm - to include placing and shaping suitable fill from pipe excavation over trench to build frost protection berm over pipes. Please note breakdown below is based on using on-site materials. (1 DAY)						
LABOR						
TRADE / OCCUPATION	QTY	HRS EA	TOTAL HRS	RATE	TOTAL	
Operator - A	1.00	8.00	8.00	85.36	682.88	
Labor Foreman	1.00	8.00	8.00	84.67	677.36	
Laborer	1.00	8.00	8.00	80.75	646.00	
			-			
			-			
			-			
			-			
			-			
			-			
			-			
RATE:	Niagara Highway	TOTAL HRS	24.00	LABOR COST	\$ 2,006.24	
EQUIPMENT						
DESCRIPTION	# of UNITS	TIME	U/M	RATE	TOTAL	
Excavator Excavator, 100 Class	1.00	4.00	HR	93.00	372.00	
Skidsteer Bobcat w/Bucket	1.00	4.00	HR	55.00	220.00	
				EQUIPMENT COST	\$ 592.00	
MATERIALS / SERVICES						
DESCRIPTION	QTY	U/M	UNIT PRICE	TOTAL		
2" ROC	10.00	TON	12.75	127.50		
				-		
				-		
				-		
				-		
				-		
				MATERIALS COST	\$ 127.50	
SUBCONTRACTS						
NAME	WORK PERFORMED				TOTAL	
				SUBCONTRACT COST	\$ -	
TRANSPORTATION						
DESCRIPTION	# of UNITS	TIME	U/M	RATE	TOTAL	
Tri-Axle Dump	1.00	8.00	Hour	89.00	712.00	
					-	
					-	
					-	
					-	
TOTAL HRS		8.00	TRANSPORTATION COST		\$ 712.00	
TOTAL EXTRA / PROPOSED WORK COST					\$ 3,437.74	

[illegible]

[illegible]

[illegible]

JOB #	21-1064	CLIENT	Danforth	DATE		
PHASE NO.	98-0030	PHASE DESCRIPTION	Sludge Line Replacement Changes	EWA #		
WORK DESCRIPTION						
Sludge Line Lawn Restoration: 2000 SF. Credit. 04" Topsoil Placement, Fine Grade, Seed.						
LABOR						
TRADE / OCCUPATION		QTY	HRS EA	TOTAL HRS	RATE	TOTAL
Operator - A		(1.00)	8.00	(8.00)	85.36	(682.88)
Laborer		(1.00)	8.00	(8.00)	80.75	(646.00)
RATE: Niagara Highway		TOTAL HRS		(16.00)	LABOR COST	\$ (1,328.88)
EQUIPMENT						
DESCRIPTION		# of UNITS	TIME	U/M	RATE	TOTAL
Skidsteer	Bobcat w/Bucket	-1.00	4.00	HR	55.00	(220.00)
Truck	Truck, One-Ton Tool	-1.00	4.00	HR	21.00	(84.00)
				EQUIPMENT COST		\$ (304.00)
MATERIALS / SERVICES						
DESCRIPTION		QTY	U/M	UNIT PRICE	TOTAL	
Materials (Not Specified)	Topsoil - Delivered	(25.00)	CY	35.00	(875.00)	
Materials (Not Specified)	Seed - 50lb Bag	(1.00)	EA	120.00	(120.00)	
				MATERIALS COST		\$ (995.00)
SUBCONTRACTS						
NAME		WORK PERFORMED			TOTAL	
				SUBCONTRACT COST		\$ -
TRANSPORTATION						
DESCRIPTION		# of UNITS	TIME	U/M	RATE	TOTAL
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JAMULAR NGX F-250 2 in. x 4 ft. x 8 ft. SSE R-10 XPS Rigid Foam Board Insulation

★★★★★ (11) Questions & Answers (55)



Hover Image to Zoom

Share Print

- Saves energy and resists moisture with limited lifetime warranty
- Blocks mildew, corrosion and rot; easy to cut and install
- Strong, lightweight pink foam panels don't require special tools
- View More Details

Niagara Falls Store

✓ 88 in stock Aisle 21, Bay 012 Text to Me

Sheathing Size: 8 ft. x 1 in. x 48 in.

2 ft. x 1 in. x 24 in.

8 ft. x 1 in. x 48 in.

8 ft. x 2 in. x 48 in.

8 ft. x 0.5 in. x 48 in.

8 ft. x 1.5 in. x 48 in.

How to Get It

Delivering to: 14304 | Change

Store Pickup
Pickup Today
FREE

Ship to Home
Not available for this item

Scheduled Delivery
As soon as Tomorrow
\$79.00

88 in stock at **Niagara Falls**
Check Nearby Stores

How much will you need?

Please note: calculations are estimates and can only be made using whole numbers.

Calculate by Square Footage

Area 1

Length:

 ft

Width:

 ft

Share Print

☐ ALBANY OFFICE
5 Liebich Lane
Halfmoon, NY 12065

ADDITIONAL WORK AUTHORIZATION
JOHN W. DANFORTH COMPANY

☐ ROCHESTER OFFICE
939 Old Dutch Rd.
Victor, NY 14564

☐ OHIO OFFICE
5532 Shier Rings Rd.
Dublin, OH 43016

☐ SYRACUSE OFFICE
6730 VIP Parkway
Syracuse, NY 13211

Ticket #

OWNER'S:	NFWB	DATE	
DIRECTED BY:	JM Davidson	CONTRACT / P.O.#	
ADDRESS		JOB NO.	50391
		EXTRA NO.	502
CITY		JOB NAME	NFWB

YOU ARE HEREBY AUTHORIZED TO PERFORM THE FOLLOWING ADDITIONAL WORK SPECIFICALLY DESCRIBED WHICH IS OVER AND ABOVE THE SCOPE OF THE CONTRACT:

Receive hoses, layout hoses, & bring hoses into thickened sludge pump building

Install supports made in the fab shop to cover the temporary hoses

[illegible]

IMPACT TO BASE SCOPE / SCHEDULE ☐ YES ☐ NO

APPLICABLE TAX	0.00%	\$	
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SHOP FABRICATION REQUIRED: ☐ YES ☐ NO

TOTAL LABOR	\$	6,134.48
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SUBCONTRACTORS UTILIZED DURING WORK:

<input type="checkbox"/> NAME	CO VALUE	\$ -	<input type="checkbox"/> NAME	CO VALUE	\$ -
<input type="checkbox"/> NAME	CO VALUE	\$ -	<input type="checkbox"/> NAME	CO VALUE	\$ -

MATERIALS AND SUPPLIES				TOOLS AND EQUIPMENT		BILLING RATE		
QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION	QUANTITY	DESCRIPTION	HOURS	RATE	EXTENSION
1.00	Lull - 2 months	\$ 7,255.74	\$ 7,255.74	1.00	SHOP DELIVERIES	4.00	\$ 95.00	\$ 380.00
1.00	Purchase Eagle Hoses - 50' sections	\$ 5,985.00	\$ 5,985.00		TRUCK		\$ -	\$ -
1.00	Safety Equipment w/ tax	\$ 145.80	\$ 145.80		MANLIFT		\$ -	\$ -
1.00	Lot of angle iron w/ tax	\$ 324.00	\$ 324.00	1.00	Band saw	2.00	\$ 8.50	\$ 17.00
		\$ -	\$ -	1.00	WELDER	4.00	\$ 12.75	\$ 51.00
		\$ -	\$ -		CORE MACHINE		\$ -	\$ -
		\$ -	\$ -					\$ -
		\$ -	\$ -					\$ -
		\$ -	\$ -	SUB TOTAL				\$ 448.00
		\$ -	\$ -	APPLICABLE SALES TAX 0.00%				\$ -
		\$ -	\$ -	TOTAL				\$ 448.00
		\$ -	\$ -	WORK COMPLETE?	TOTAL EQUIPMENT		\$ 448.00	
		\$ -	\$ -		TOTAL MATERIAL		\$ 13,710.54	

ALL ITEMS PURCHASED AS REQUIRED BUT NOT SHOWN ABOVE WILL BE INVOICED AT COST PLUS
APPLICABLE OH & P. BACK-UP FOR THESE ITEMS WILL BE INCLUDED UPON REQUEST

WORK COMPLETE?

☐ YES☐ NO

TOTAL EQUIPMENT	\$	448.00
TOTAL MATERIAL	\$	13,710.54
SUBCONTRACTORS	\$	-
TOTAL LABOR	\$	6,134.48
WARRANTY	0%	\$ -
BOND	0%	\$ -
OH & P	15%	\$ 3,043.95
AWA SALES PRICE	\$	23,336.97

WE HEREBY AGREE THAT THE ABOVE ADDITIONAL WORK IS ACCEPTABLE AND SHALL NOT BE SUBJECT TO ANY RETAINAGES AND IS PAYABLE ON A NET 30 DAY BASIS.

THE CONTRACTOR AGREES TO FURNISH LABOR AND MATERIAL IN ACCORDANCE
WITH ABOVE SPECIFICATIONS AND WILL INVOICE YOU AT RATES QUOTED

DATE _____ SIGNATURE _____

SIGNATURE

COMPANY

JOHN W. DANFORTH COMPANY

OFFICE COPY - WHITE BILLING COPY - YELLOW JOBSITE COPY - PINK CUSTOMER COPY - GOLDENROD REV. 3-5/22

Craig Reagan

From: Leah DiFlorio <leah.diflorio@echelonsupply.com>
Sent: Tuesday, August 9, 2022 2:24 PM
To: Craig Reagan
Subject: RE: Quote #37504

You don't often get email from leah.diflorio@echelonsupply.com. [Learn why this is important](#)

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Craig,

Thank you for your inquiry. Please see below for requested quote

- 4" x 50' HD Orange SR PVC Suction CPLD Fixed x Float - \$665.00/ea.

I appreciate your patience. Please let me know if there is anything else you need from me!

Regards,



ECHELON
SUPPLY AND SERVICE

Leah DiFlorio
Inside Sales

O: 315.451.2770 EXT: 353

Leah.DiFlorio@echelonsupply.com

www.jgbhose.com

Formerly **JGB**
Intergraph Inc.

From: Craig Reagan <creagan@jwdanforth.com>
Sent: Tuesday, August 9, 2022 9:52 AM
To: Leah DiFlorio <leah.diflorio@echelonsupply.com>
Subject: RE: Quote #37504

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Leah,

Thank you for the response.

Fixed by floating is fine.

Thank you,

Craig Reagan
John W. Danforth Co.
C: (716) 583-1279

☐ ALBANY OFFICE
5 Liebich Lane
Halfmoon, NY 12065

ADDITIONAL WORK AUTHORIZATION
JOHN W. DANFORTH COMPANY

☐ ROCHESTER OFFICE
939 Old Dutch Rd.
Victor, NY 14564

☐ OHIO OFFICE
5532 Shier Rings Rd.
Dublin, OH 43016

☐ SYRACUSE OFFICE
6730 VIP Parkway
Syracuse, NY 13211

Ticket #

OWNER'S:	NFWB	DATE	
DIRECTED BY:	JM Davidson	CONTRACT / P.O.#	
ADDRESS		JOB NO.	50391
		EXTRA NO.	502
CITY		JOB NAME	NFWB

YOU ARE HEREBY AUTHORIZED TO PERFORM THE FOLLOWING ADDITIONAL WORK SPECIFICALLY DESCRIBED WHICH IS OVER
DESCRIPTION OF WORK:

Coordinate w/ Cerrone during concrete demo

JWD will be on site with Cerrone so if any issues come up we can communicate with JM Davidson and or the owner. Cerrone is working for JWD and will need direction from us.

[illegible]

IMPACT TO BASE SCOPE / SCHEDULE	<input type="checkbox"/> YES <input type="checkbox"/> NO	APPLICABLE TAX	0.00%	\$	
---------------------------------	--	----------------	-------	----	--

SHOP FABRICATION REQUIRED: <input type="checkbox"/> YES <input type="checkbox"/> NO	TOTAL LABOR \$ 4,031.20
---	-------------------------

SUBCONTRACTORS UTILIZED DURING WORK:	<input type="checkbox"/> NAME	Starker	CO VALUE	\$	-	<input type="checkbox"/> NAME	CO VALUE	\$	-
	<input type="checkbox"/> NAME	U&S	CO VALUE	\$	-	<input type="checkbox"/> NAME	CO VALUE	\$	-

MATERIALS AND SUPPLIES				TOOLS AND EQUIPMENT		BILLING RATE			
QUANTITY	DESCRIPTION	UNIT PRICE	EXTENSION	QUANTITY	DESCRIPTION	HOURS	RATE	EXTENSION	
1.00	Safety Equipment	\$ 80.00	\$ 80.00		SHOP DELIVERIES		\$ -	\$ -	
			\$ -		TRUCK		\$ -	\$ -	
		\$ -	\$ -		MANLIFT		\$ -	\$ -	
		\$ -	\$ -		LULL / FORKLIFT		\$ -	\$ -	
		\$ -	\$ -		WELDER		\$ -	\$ -	
		\$ -	\$ -		CORE MACHINE		\$ -	\$ -	
		\$ -	\$ -					\$ -	
		\$ -	\$ -					\$ -	
		\$ -	\$ -	SUB TOTAL					\$ -
		\$ -	\$ -	APPLICABLE SALES TAX 8.75%					\$ -
		\$ -	\$ -	TOTAL					\$ -
		\$ -	\$ -			TOTAL EQUIPMENT			\$ -
		\$ -	\$ -	WORK COMPLETE?		TOTAL MATERIAL			\$ 86.40

ALL ITEMS PURCHASED AS REQUIRED BUT NOT SHOWN ABOVE WILL BE INVOICED AT COST PLUS
APPLICABLE OH & P. BACK-UP FOR THESE ITEMS WILL BE INCLUDED UPON REQUEST

	SUB TOTAL	\$	80.00
	APPLICABLE SALES TAX 8.00%	\$	6.40
	TOTAL	\$	86.40

WE HEREBY AGREE THAT THE ABOVE ADDITIONAL WORK IS ACCEPTABLE AND SHALL NOT BE SUBJECT TO ANY RETAINAGES AND IS PAYABLE ON A NET 30 DAY BASIS.

DATE _____ SIGNATURE _____

COMPANY

WORK COMPLETE?

☐ YES☐ NO

THE CONTRACTOR AGREES TO FURNISH LABOR AND MATERIAL IN ACCORDANCE WITH ABOVE SPECIFICATIONS AND WILL INVOICE YOU AT RATES QUOTED

SIGNATURE

Craig Reagan

JOHN W. DANFORTH COMPANY

August 31, 2022

Mr. Theodore Donner, PE
Project Manager
Clark Patterson Lee
26 Mississippi St.
Buffalo, New York 14203

**SUBJECT: CHANGE ORDER NO. 1
PROPOSAL FOR ADDITIONAL CA/RPI SUPPORT
WASTEWATER TREATMENT PLANT UPGRADES
PROJECT 11B, EXTERIOR PROCESS PIPING IMPROVEMENTS
NIAGARA FALLS WATER BOARD NIAGARA FALLS, NEW YORK**

Dear Mr. Donner,

JM Davidson Engineering, D.P.C. (JMD) appreciates the opportunity to submit the following scope and cost proposal for the above referenced project to provide additional Construction Assistance / Resident Project Inspection to accommodate the extended project schedule resulting from the unanticipated field conditions and subsequent changes to the exterior sludge line replacements.

Based on the Contractor's updated construction schedule, there are approximately 60 days of work necessary to complete the project. A construction inspector providing part time oversight will need 144 hours to cover the additional time. This level of part time effort is based on discussions at the project meeting held on August 31, 2022, where it was decided that NFWB staff will supplement JMD staff with regular project visits two times a week and provide photo documentation of the work and a list of contractor staff and equipment on site. It is assumed that 32 hours will also be required for construction support to help with answering questions on the design, reviewing submittals for the new materials added to the scope, and assisting with record drawings and project closeout.

Currently JMD has \$4,422 remaining in our budget for Project 11B, and therefore requests our total fee for Project 11B be increased by **\$15,378**, as shown in the table below, to cover the additional work outlined above. This would increase our total authorized fee for Project 11B to \$68,343.

Job Category	Hourly Rate	Budgeted Hours	Total Fee
Project Engineer	\$130	32	\$ 4,160
Resident Project Inspector (Regular Time)	\$105	144	\$15,120
Remaining 11B Budget			(\$ 4,422)
Subtotal - Change Order No. 1			\$15,378
Original Project 11B Budget			\$52,965
REVISED TOTAL			\$68,343

Services described herein will be provided on a Time and Expense basis, and JMD will continue to provide construction support in accordance with the approved scope for the project dated August 28, 2020, and approved under Resolution # 2020-09-005.

We appreciate the opportunity to present this proposal to you and look forward to continuing working with you on this important project. If you have any questions regarding this letter, please contact me at (716) 912-1423.

Sincerely,

JM Davidson Engineering, D.P.C.

A handwritten signature in black ink that reads "Jaime M. Davidson". The signature is written in a cursive, flowing style.

Jaime M. Davidson, PE
President

Niagara Falls Water Board

Personnel Actions and Report

Tuesday, September 6, 2022

Personnel Actions Sheet & Requested of the Board.

All appointments are subject to the appointee meeting the minimum qualifications and all applicable Civil Service conditions.

A. PERSONNEL ACTIONS RECOMMEND TO HIRE				
Line Item Number	Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION
1	Secretary 1	Finance/WTP	Unit 00, Grade 11 \$18.07-\$23.06/hr.	To replace individual resigned effective 8/19/22. Selection will be made from established Civil Service list.
2	Director of Infrastructure Operations	Administration	\$79,500/yr.	Selected individual will be required to have Environmental Health and Safety background to eliminate current expense for safety contractor (approx \$36,000 per year).
3	IT Systems Engineer	Administration	Unit 00, Grade 23A \$29.45-\$38.45/hr.	IT position with the most broad job scope to increase department capacity and capabilities; provide redundancy; enhance network and cybersecurity protection.
4	Control Maintenance Mechanic	Maintenance/WWTP	Unit 01, Grade 4 \$23.37-\$25.44/hr.	Fill position vacant since employee resignation 12/2021.

B. RECOMMENDED PROMOTION / MOVE / APPOINTMENT / OTHER				
Line Item Number	Name and Position	Type of labor move	Change in pay rate or grade	ADDITIONAL INFORMATION
1	Richard Siriani, MW-2	Promotion to MW-3	Unit 02, Grade 9 to Grade 12 \$.94/hr.	Approx. \$1,954 annually - satisfactorily has served in MW2 position for approx. four years and meets requirements for MW3.

C. PREVIOUSLY TABLED PERSONNEL ACTIONS (From 2022)				
Line Item Number	Action and Position	Department/Location	Pay Rate or Grade	ADDITIONAL INFORMATION

D. OTHER PERSONNEL ACTIVITY FOR BOARD NOTIFICATION				
Name	Position	Department/Location	Pay Rate	ADDITIONAL INFORMATION
Ashley Stogner	Secretary 1	Finance/WTP	\$21.75 hour	Resignation effective 8/19/2022
Joseph Morock	IT Systems Engineer	IT/WTP	\$35.44 hour	Provisional appointment automatically converted to permanent effective July 21, 2022 as reachable on Civil Service eligible list and having held the position provisionally for at least nine months.
Carl Hubler	Network Technician	IT/WWTP	\$28.81 hour	Provisional appointee reachable on mandatory eligible list must either be appointed or removed from the position within two months of establishment of list on July 21, 2022; will become permanent September 21, 2022.

E. PERSONNEL ON LONG TERM LEAVE OF ABSENCE				
Name	Last Day Worked	Dept.	Return Status	Comments
Jean Syverson	5/18/2022	Admin/WTP	Unknown	Workers Compensation