ERIE COUNTY WATER AUTHORITY

INTEROFFICE MEMORANDUM

August 25, 2021

To: Terrence D. McCracken, Secretary to the Authority

From: Michael J. Quinn, PE, Senior. Distribution Engineer

Subject: Contract LA-002
Castle Hill Pump Station Improvements
SEQRA Negative Declaration
ECWA Project No. 202000178

On June 18, 2020, the Erie County Water Authority (the Authority) executed an agreement with LaBella Associates (LaBella) for the design of the replacement of the Castle Hill Pump Station located in the Town of Aurora (the Project).

Due to the scope of the Project, the Authority's Engineering and Legal Departments believe that the action is subject to review under the New York State Environmental Quality Review Act (SEQRA). Recognizing the need for certain expertise in the area of the SEQRA regulations, the Authority requested input on the SEQRA process from Harris Beach. The Authority Engineering Staff, LaBella, and Harris Beach thoroughly reviewed the Project specifics, prepared the Full Environmental Assessment Form (FEAF), and determined that the Project should be appropriately designated as an Unlisted Action, as defined under SEQRA. As an Unlisted Action, the Project is subject to further review under SEQRA. Given the fact that the Project has been identified as an Unlisted Action under SEQRA, Harris Beach has recommended that the Authority declare itself Lead Agency, as defined under SEQRA, and conduct a coordinated review of the Project thereby seeking input from various other Involved and Interested Agencies. On April 15, 2021, the ECWA Board declared itself Lead Agent and authorized the commencement of the coordinated review.

During the coordinated review process, the Village of East Aurora (pump station property owner), the Erie County Department of Health, the Erie County Department of Environment and Planning, and the New York State Historic Preservation Office were included as Involved Agencies, as defined under SEQRA. These agencies have been so designated because they need to take discretionary actions and issue approvals as so related to the Project. In addition, the Town of Aurora and the Erie County Division of Sewerage Management have been identified as Interested Agencies, as also defined under SEQRA. The FEAF was sent to each party to solicit input on the Authority's Lead Agency Status as well as comments on the environmental impact of the project. During the coordinated review, the Authority did not receive any objections with respect to it acting as lead agency for the purpose of conducting the SEQRA review and more than 30 days have elapsed since the Project Notice was transmitted to each involved agency. As a result, the Authority has been installed as lead agency.

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

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

MJQ:jmf
Attachments
cc: R.Stoll
L.Kowalski
S.Denzler
CONT-LA-002-2001

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 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Castle Hill Pump Station Replacement		
Project Location (describe, and attach a general location map): Parcel of land located near Castle Hill Road, Village of East Aurora, Erie County, New York 14052 (See USGS map)		
Brief Description of Proposed Action (include purpose or need): The Erie County Water Authority (ECWA) is developing plans for the replacement of a potable water pump station located within the Village of East Aurora. The proposed activities include constructing a new pump station and subsequently decommissioning the existing pump station on a parcel of land at the southern end of Castle Hill road in the Village of East Aurora (Tax ID: 176.10-1-1.11). Additionally, the proposed action involves the acquisition by the ECWA of an approximate 0.48 acre parcel of land from the Village of East Aurora (the "Acquisition Parcel") for purposes of undertaking the project, and the granting of an approximate 0.05 acre non-exclusive easement located within and upon the Acquisition Parcel to the Village of East Aurora for the purpose of providing the Village of East Aurora access to certain adjacent land and facilities that continue to be owned by the Village of East Aurora. Equipment including pumps, process piping and fittings, valves, flow meters, and associated electrical and process control items will be disconnected and removed from the existing pump station and will be salvaged where appropriate. Remaining equipment will be removed and disposed of off site. Walls of the existing pump station will be demolished to a minimum of three feet below grade, and the concrete floor will be fractured. The area will be backfilled with native site soils, and the current pump station suction pipe will be capped and abandoned. The existing pump station will be maintained and will remain in service until the construction of the new pump station is complete, confirmed to meet regulatory and ECWA requirements, and placed into service. Additional site preparation includes the removal of approximately 1267 square feet of existing asphalt pavement and approximately 3702 square feet of trees and brush. The proposed one-story pump station, with a basement below grade, will be constructed in this cleared area, and will total approximately 2,100 square feet. Approximately 375 linear feet of new ductile iron water main will be installed via open cut construction, connecting the new pump station to the existing water main at the site. The purpose of this project is to construct a new pump station to replace the existing to ensure continued, reliable potable water service to the pump station service area, which includes approximately 200 service connections.		
Name of Applicant/Sponsor: Erie County Water Authority (contact: Leonard Kowalski)	Telephone: (716) 849-8444 E-Mail: lkowalski@ecwa.org	
Address: 3030 Union Road		
City/PO: Cheektowaga	State: NY	Zip Code: 14227-1097
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): Village of East Aurora	Telephone: Not available E-Mail: Not available	
Address: 571 Main Street		
City/PO: East Aurora	State: NY	Zip Code: 14052

B. Government Approvals

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

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees ☑Yes ☐No	Village of East Aurora (property sale and easement agreement)	Pending
b. City, Town or Village Planning Board or Commission ☐Yes ☑No		
c. City, Town or Village Zoning Board of Appeals ☐Yes ☑No		
d. Other local agencies ☐Yes ☑No		
e. County agencies ☑Yes ☐No	Erie County DOH (approval of plans & specifications); Dept. of Env & Planning (sanitary sewer connection permit)	Pending
f. Regional agencies ☐Yes ☑No		
g. State agencies ☑Yes ☐No	SHPO (sign off)	Pending
h. Federal agencies ☐Yes ☑No		

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes ☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes ☑No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes ☑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
Regional Comprehensive Plan (Towns of Aurora, Elma, Holland, and Wales and the Village of East Aurora) (2004)

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):

Erie County, New York Agricultural and Farmland Protection Plan (2012)
Regional Comprehensive Plan (Towns of Aurora, Elma, Holland, and Wales, and the Village of East Aurora (2004)

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?
Data not available

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? East Aurora Union Free School District

b. What police or other public protection forces serve the project site?
East Aurora Police Department

c. Which fire protection and emergency medical services serve the project site?
East Aurora Fire Department

d. What parks serve the project site?
None

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)? Regional (Erie County Water Authority) - improvements to pump station infrastructure to increase efficiency, add redundancy, and support to existing pump station service areas

b. a. Total acreage of the site of the proposed action? +/-0.5 acres
b. Total acreage to be physically disturbed? +/-0.1 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? N/A - see note acres

Note: As previously described, the proposed action involves the purchase of a +/- 0.48 acre portion of the greater +/- 14.9 acre tax parcel currently owned by the Village of East Aurora.

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
_____
ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: +/-7 months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

Note: Construction period anticipated between February 2022 - September 2022.

f. Does the project include new residential uses? ☐ Yes ☑ No

If Yes, show numbers of units proposed.

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

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

If Yes,

i. Total number of structures One

ii. Dimensions (in feet) of largest proposed structure: +/-20 height; +/-35 width; and +/-30 length

iii. Approximate extent of building space to be heated or cooled: +/-2,100 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? ☐ Yes ☑ No

If Yes,

i. Purpose of the impoundment: _____

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

_____

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

_____

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

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

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

_____

D.2. Project Operations

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

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? ☐ Yes ☐ 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? ☐ Yes ☐ 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? ☐ Yes ☑ No

If Yes:

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

_____

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

_____

_____

_____

_____

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☐No

If Yes, describe: _____

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

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion:_____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

_____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

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

_____

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

If Yes:

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

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

If Yes:

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

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

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

_____

- Source(s) of supply for the district: _____

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

If, Yes:

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

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

_____

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

d. Will the proposed action generate liquid wastes? ☐Yes ☑No

If Yes:

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

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

_____

_____

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

If Yes:

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

- Do existing sewer lines serve the project site? ☐Yes ☐No
- Will a line extension within an existing district be necessary to serve the project? ☐Yes ☐No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

_____

_____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes ☐No

If Yes:

- 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? ☐Yes ☑No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

_____

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)?

_____

_____

- If to surface waters, identify receiving water bodies or wetlands: _____

_____

_____

- Will stormwater runoff flow to adjacent properties? ☐Yes ☐No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐Yes ☐No

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? ☐Yes ☑No

If Yes, identify:

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)

_____

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? ☐Yes ☑No

If Yes:

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) ☐Yes ☐No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

_____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

_____

_____

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? ☐Yes ☑No

See **Note** below.

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend

☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

_____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☐No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

_____

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐Yes ☑No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

_____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

_____

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☐No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: Generally 7:00am - 6:00pm
- Saturday: Minimal if any
- Sunday: Minimal if any
- Holidays: Minimal if any

ii. During Operations:

- Monday - Friday: 24 hours per day
- Saturday: 24 hours per day
- Sunday: 24 hours per day
- Holidays: 24 hours per day

Note: Approximately 4,300 square feet of asphalt is planned to be installed on the central/eastern portion of the site. The asphalt-paved areas will accommodate minor traffic flow for pump station maintenance vehicles, etc. Traffic flow as a result of the access improvements is not anticipated to increase as a result of the proposed project.

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

Intermittent noise could exceed existing ambient noise levels for short periods of time during daytime construction activities. Once operational, noise levels exceeding the existing ambient noise levels are not anticipated.

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☑ Yes ☐ No

Describe: Existing trees and brush are planned to be cleared and grubbed in the location of the proposed pump station. However, the area of proposed pump station is surrounded by additional vegetation. As such, no adverse impacts from noise are anticipated.

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

Wall pack light fixtures are planned to be installed on each face of the proposed pump station structure (approximately 4 wall packs total). The exact location and height of the lighting fixtures have not been determined at this point. However, the lighting will be dark sky compliant.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☑ Yes ☐ No

Describe: Existing trees and brush are planned to be cleared and grubbed in the location of the proposed pump station. However, the area of proposed pump station is surrounded by additional vegetation. As such, no adverse impacts from light are anticipated.

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

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? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities:_____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☑ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: TBD tons per TBD (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: Scrap material from the demolition of the existing pump station will be recycled as necessary or disposed of at an approved solid waste facility in accordance with appropriate NYSDEC guidelines.
- Operation: Not applicable

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: Roll-off dumpster. Any scrap material not recyclable will be disposed of at an approved solid waste facility.
- Operation: _____

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

If Yes:

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

ii. Anticipated rate of disposal/processing:

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

iii. If landfill, anticipated site life: _____ years

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

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

_____

_____

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

_____

_____

iii. Specify amount to be handled or generated _____ tons/month

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

_____

_____

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

If Yes: provide name and location of facility: _____

_____

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

_____

_____

E. Site and Setting of Proposed Action

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

a. Existing land uses.

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

☐ Urban ☐ Industrial ☐ Commercial ☑ Residential (suburban) ☑ Rural (non-farm)
☑ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

_____

_____

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	+/-0.08	+/-0.13	+0.05
• Forested	+/-0.42	+/-0.37	-0.05
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	-	-	-
• Agricultural (includes active orchards, field, greenhouse etc.)	-	-	-
• Surface water features (lakes, ponds, streams, rivers, etc.)	-	-	-
• Wetlands (freshwater or tidal)	-	-	-
• Non-vegetated (bare rock, earth or fill)	-	-	-
• Other Describe: _____ _____			

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☑ No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑ No

If Yes,

i. Identify Facilities:

_____

_____

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

_____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No

☐ Yes – Spills Incidents database Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures:_____

_____

_____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☐ Yes ☐ No

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

_____

_____

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☐ No

- 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? ☐ Yes ☐ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? +/-4.4 feet

b. Are there bedrock outcroppings on the project site? ☐ Yes ☑ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

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

Derb Silt Loam 3-8% slopes	95 %
Orpark Silt Loam, 8-15% slopes	5 %
	%

d. What is the average depth to the water table on the project site? Average: +/-1 feet

e. Drainage status of project site soils:

☐ Well Drained:	% of site
☐ Moderately Well Drained:	% of site
☑ Poorly Drained	100 % of site

f. Approximate proportion of proposed action site with slopes:

☑ 0-10%:	95 % of site
☑ 10-15%:	5 % of site
☐ 15% or greater:	% of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ 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)? ☐ Yes ☑ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☐ Yes ☑ No

If Yes to either *i* or *ii*, 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? ☐ Yes ☐ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- 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? ☐ Yes ☐ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100-year Floodplain? ☐ Yes ☑ No

k. Is the project site in the 500-year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☑ Yes ☐ No
If Yes:

i. Name of aquifer: Principal Aquifer

m. Identify the predominant wildlife species that occupy or use the project site:
Typical suburban/rural species such as squirrels, rabbits, raccoons, woodchucks, chipmunks, rodents, deer, foxes, coyote, songbirds, crows, raptors, frogs, or snakes may pass through the project site.

n. Does the project site contain a designated significant natural community? ☐ Yes ☑ No
If Yes:
i. Describe the habitat/community (composition, function, and basis for designation): _____
ii. Source(s) of description or evaluation: _____
iii. Extent of community/habitat:
- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

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? ☐ Yes ☑ No

If Yes:
i. Species and listing (endangered or threatened): _____

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? ☐ Yes ☑ No

If Yes:
i. Species and listing: _____

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ No
If yes, give a brief description of how the proposed action may affect that use: _____

E.3. Designated Public Resources On or Near Project Site

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? ☐ Yes ☑ No
If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☑ No
i. If Yes: acreage(s) on project site? _____
ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☑ No
If Yes:
i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature
ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐ Yes ☑ No
If Yes:
i. CEA name: _____
ii. Basis for designation: _____
iii. Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☑ Yes ☐ No

If Yes:

Consultation with SHPO is ongoing.

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☑ Historic Building or District

ii. Name: Chestnut Hill Road Historic District (approx 0.05 mi west of the project site)

iii. Brief description of attributes on which listing is based:

Buildings located within the Chestnut Hill Historic District have been determined to be elibigle for historic listing based on various features.

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☑ Yes ☐ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: Wales Town Park, Spring Garden, Hunters Creek County Park, Kenneglenn Scenic and Nature Preserve, Emery Park, West Falls JP Nicely Park, Know Farm State Park, Majors Park, Aurora Parks and Recreation Department, Hamlin Park, Roycroft Pavilion, Absolut Care Aurora Park, Warren Park, Sinking Pond Wildlife Sanctuary, Old Baldy Park

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): State and local parks, pavilions, nature preserves

iii. Distance between project and resource: +/- 0.5 to 5.0 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

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

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

G. Verification

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

Applicant/Sponsor Name Erie County Water Authority (ECWA) Date 04/23/2021

Contact: Leonard F. Kowalski

Signature Leonard F. Kowalski Title ECWA Executive Engineer

PRINT FORM

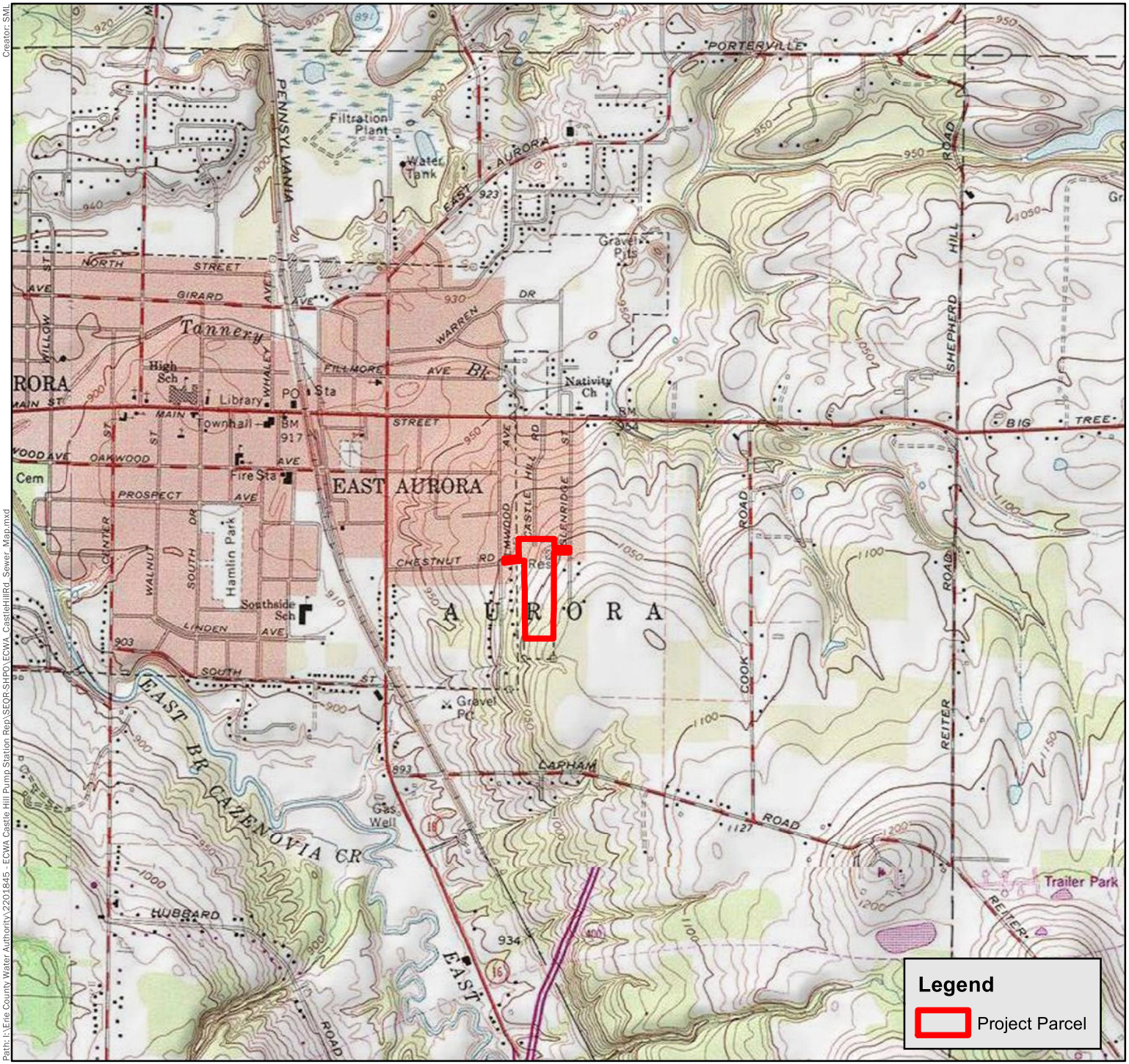
EAF Mapper Summary Report

Thursday, September 24, 2020 8:59 AM

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]	No
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]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No

E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No



LaBella
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ERIE COUNTY WATER AUTHORITY

CASTLE HILL ROAD Pump Station Replacement

N

0 1,200 2,400 Feet

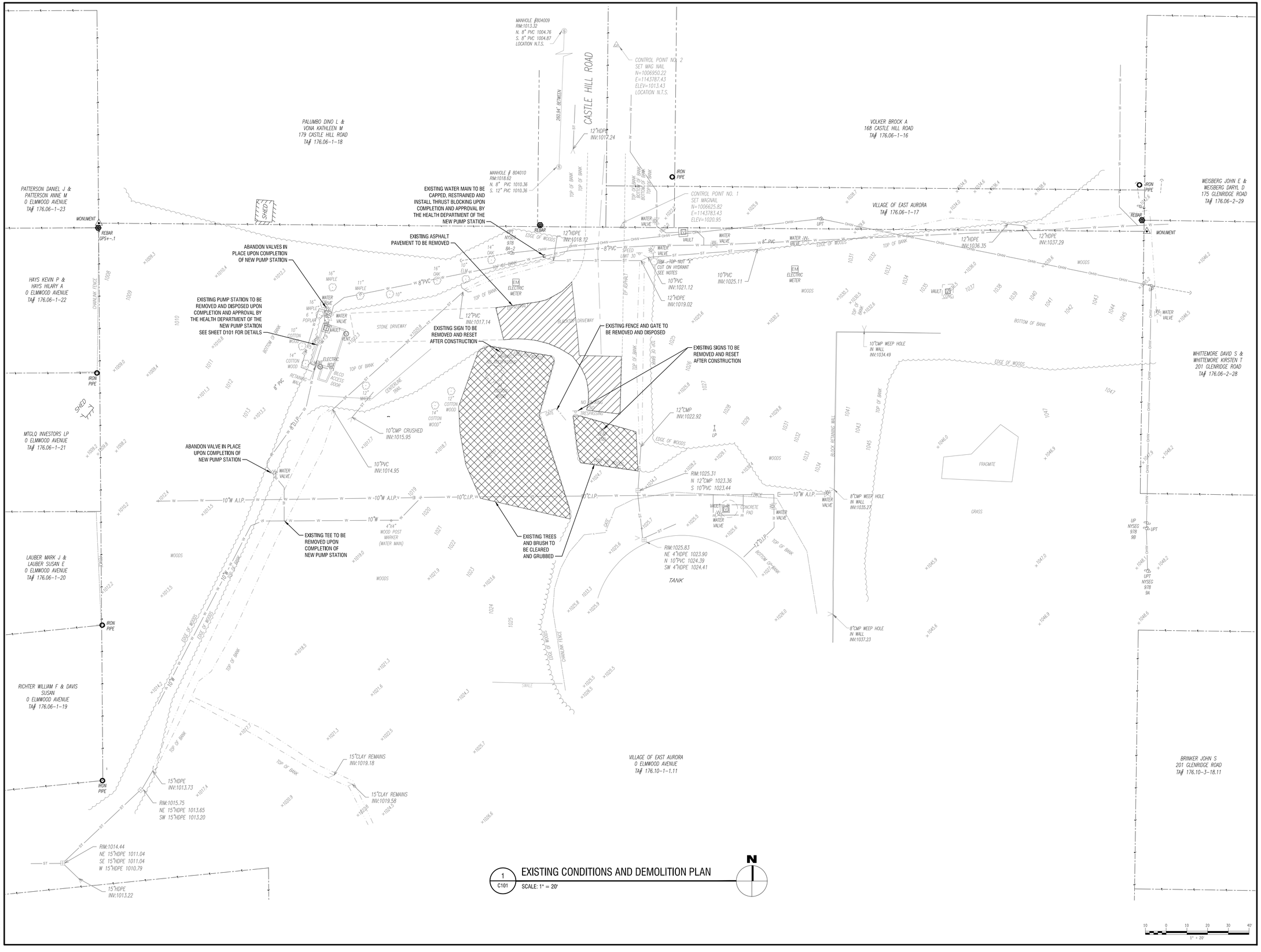
Sources:

1. Parcels (2019): Erie County
2. Imagery basemap (2013): National Geographic Society, i-cubed

LaBella Project No: 2201845
Date: NOVEMBER 2020

Creator: SML

Path: I:\Erie County Water Authority\2201845 - ECWA Castle Hill Pump Station Rep\SEQR-SHPO\ECWA_CastleHillRd_Sewer_Map.mxd



1 C101 EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE: 1" = 20'

VERSION 19.0
6/3/2010 8:47:56 AM

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Buffalo, NY 14202
716-551-6281

labellapc.com

NOT FOR CONSTRUCTION

ERIE COUNTY WATER AUTHORITY
295 MAIN STREET
ROOM 350
BUFFALO, NY 14203

CASTLE HILL PUMP STATION REPLACEMENT
CASTLE HILL ROAD
EAST AURORA, NY 14052

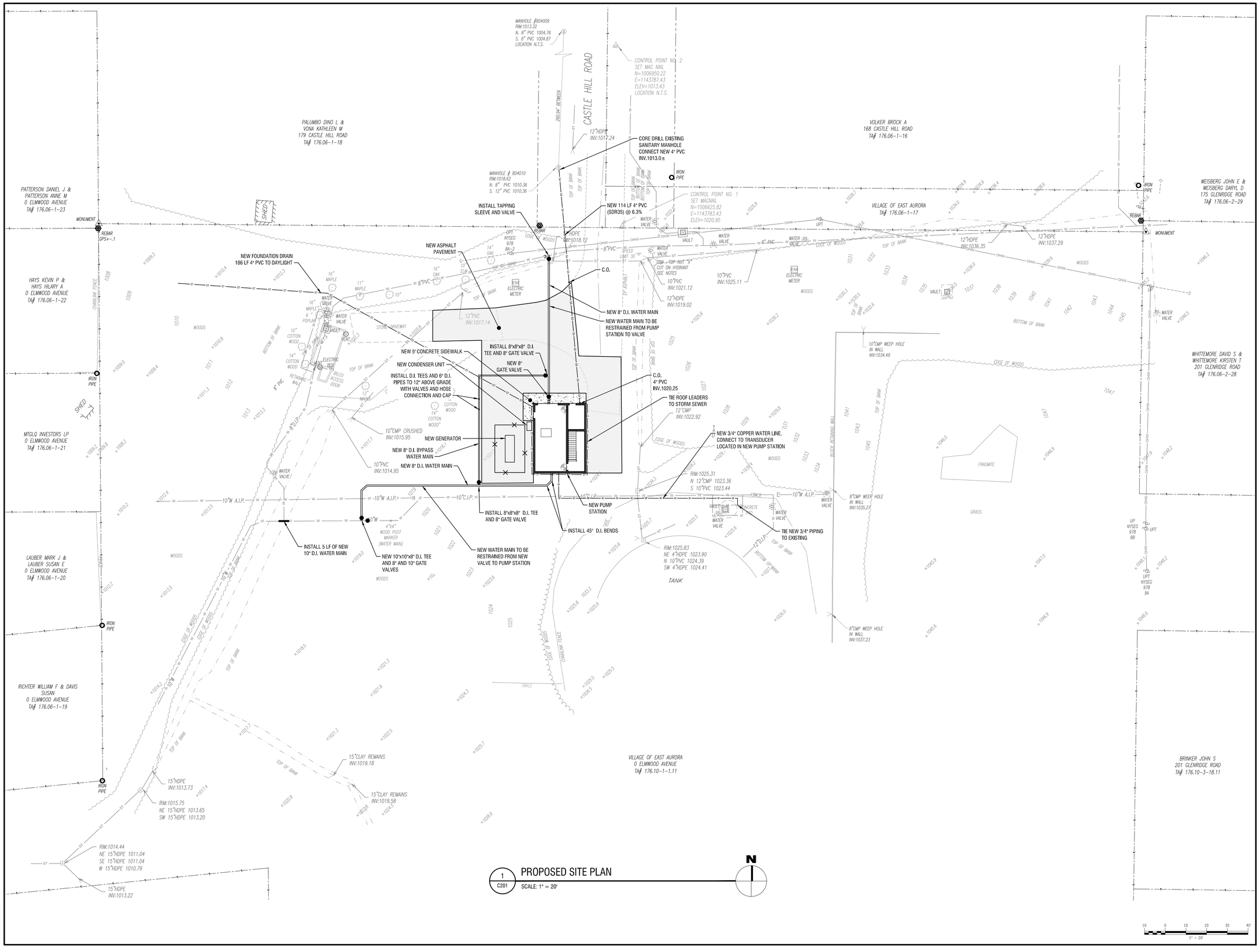
NO:	DATE:	DESCRIPTION:
Revisions		

PROJECT NUMBER: 2201845
DRAWN BY: TP
REVIEWED BY: BH
ISSUED FOR: 60% SUBMISSION
DATE: JANUARY 2021
DRAWING NAME:

EXISTING CONDITIONS AND DEMOLITION PLAN

DRAWING NUMBER:

C101



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6/3/2010 8:47:56 AM

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NOT FOR CONSTRUCTION

ERIE COUNTY WATER AUTHORITY
295 MAIN STREET
ROOM 350
BUFFALO, NY 14203

CASTLE HILL PUMP STATION REPLACEMENT
CASTLE HILL ROAD
EAST AURORA, NY 14052

NO:	DATE:	DESCRIPTION:
Revisions		

PROJECT NUMBER: 2201845
DRAWN BY: TP
REVIEWED BY: BH
ISSUED FOR: 60% SUBMISSION
DATE: JANUARY 2021
DRAWING NAME:

PROPOSED SITE PLAN

DRAWING NUMBER:

C201

Agency Use Only [If applicable]

Project :

Date :

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

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)

☐ NO ☑ YES

If "Yes", answer questions a - j. If "No", move on to Section 2.

	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	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☑	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: _____ _____		☑	☐

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	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____ _____		☐	☐

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	☐	☐
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	☐	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☐	☐
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	☐	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☐	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☐	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☐	☐
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	☐	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☐	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☐	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☐	☐

l. Other impacts: _____		☐	☐

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)

☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	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	☐	☐
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	☐	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☐	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☐	☐
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	☐	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☐	☐
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	☐	☐
h. Other impacts: _____		☐	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2)

☐ NO ☑ YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	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	☑	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☑	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☑	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☑	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☑	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☑	☐

g. Other impacts: None		☑	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) ☑ NO ☐ YES

If "Yes", answer questions a - f. If "No", move on to Section 7.

	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)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
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	☐	☐
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	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____		☐	☐

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.) ☑ NO ☐ YES

If "Yes", answer questions a - j. If "No", move on to Section 8.

	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	☐	☐
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	☐	☐
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	☐	☐
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	☐	☐

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	☐	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☐	☐
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	☐	☐
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	☐	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☐	☐
j. Other impacts: _____ _____		☐	☐

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	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	☐	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, Elb	☐	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☐	☐
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	☐	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	El a, E1b	☐	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☐	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☐	☐

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.)

☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", go to Section 10.

	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	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
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	 ☐ ☐	 ☐ ☐
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	 ☐ ☐	 ☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☐	☐
g. Other impacts: _____ _____		☐	☐

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.)

☐ NO ☑ YES

If "Yes", answer questions a - e. If "No", go to Section 11.

	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	☑	☐
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	☑	☐
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	☑	☐

d. Other impacts: _____		☑	☐
e. 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:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☐	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☐
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.	E3e, E3f, E3g, E3h, C2, C3	☐	☐

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.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☐ NO ☑ 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	☑	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☑	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☑	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☑	☐
e. Other impacts: None		☑	☐

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)
If "Yes", answer questions a - c. If "No", go to Section 13.

☑ NO ☐ 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	☐	☐
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	☐	☐
c. Other impacts: _____		☐	☐

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	☑	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☑	☐
c. The proposed action will degrade existing transit access.	D2j	☑	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☑	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☑	☐
f. Other impacts: None		☑	☐

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	☐	☐
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	☐	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☐	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☐	☐
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	☑	☐
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	☑	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☑	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: None		☑	☐

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 cccur	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	☐	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☐	☐
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	☐	☐
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	☐	☐
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	☐	☐
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	☐	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☐	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☐	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☐	☐
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	☐	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☐	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☐	☐
m. Other impacts:			

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. ☐ NO ☑ YES
(See Part 1. C.1, C.2. and C.3.)
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	☑	☐
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	☑	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☑	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☑	☐
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, Elb	☑	☐
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	☑	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☑	☐
h. Other: _____ _____		☑	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. ☑ NO ☐ YES
(See Part 1. C.2, C.3, D.2, E.3)
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	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
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	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

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Agency Use Only [IfApplicable]

Project :

Date :

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

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

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

Reasons Supporting This Determination:

To complete this section:

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

See attached narrative.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☑ Unlisted

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

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

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Erie County Water Authority (ECWA) 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: Castle Hill Pump Station Replacement

Name of Lead Agency: Erie County Water Authority

Name of Responsible Officer in Lead Agency: Leonard Kowalski

Title of Responsible Officer: Executive Engineer

Signature of Responsible Officer in Lead Agency: Date:

Signature of Preparer (if different from Responsible Officer) Date:

For Further Information:

Contact Person: Michael J. Quinn, Sr. Distribution Engineer of the Erie County Water Authority

Address: 3030 Union Road, Cheektowaga, NY 14227-1097

Telephone Number: 716.685.8203

E-mail: mquinn@ecwa.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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Part 3: Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance

The Erie County Water Authority (ECWA) is developing plans for the replacement of a potable water pump station located within the Village of East Aurora (Village). The proposed activities include constructing a new pump station and subsequently decommissioning the existing pump station on a parcel of land at the southern end of Castle Hill Road (Tax ID: 176.10-1-1.11). Additionally, the proposed action involves the acquisition of an approximately 0.48-acre parcel of land by the ECWA from the Village, for the purposes of undertaking the project. An additional approximately 0.05-acre non-exclusive easement will be granted by the ECWA to the Village, for the purposes of providing the Village access to certain adjacent land and facilities within the project area that continue to be owned by the Village. This approximately 0.05-acre easement will provide direct access from the southern end of Castle Hill Road/the entrance to the new pump station facility to the existing Village-owned water tank located southeast of the proposed pump station structure.

Equipment including pumps, process piping and fittings, valves, flow meters, and associated electrical and process control items will be disconnected and removed from the existing pump station and will be salvaged where appropriate. Remaining equipment will be removed and disposed of off site. Walls of the existing pump station will be demolished to a minimum of three feet below grade. The remaining walls and concrete floor will be broken up and abandoned in place. The area will be backfilled with native site soils, and the current pump station suction pipe will be capped and abandoned. The existing pump station will be maintained and will remain in service until the construction of the new pump station is complete, confirmed to meet regulatory and ECWA requirements, and placed into service.

Additional site preparation includes the removal of approximately 1260 square feet of existing asphalt pavement and approximately 3700 square feet of trees and brush. The proposed one-story pump station, with a basement below grade, will be constructed in this cleared area, and will total approximately 2,100 square feet. To construct the pump station, it will be necessary to excavate its footprint to a level approximately 14 feet below grade. To meet OSHA requirements, the contractor may bench or slope the excavation back to grade. Approximately 375 linear feet of new ductile iron water main will be installed via open cut construction, connecting the new pump station to the existing water main at the site.

The ECWA has evaluated the proposed project using the criteria for determining significance identified in 6 NYCRR § 617.7(c)(1) and in accordance with 6 NYCRR § 617.7(c)(2) and (3). Based upon an assessment of the magnitude and importance of potential impacts, no potentially moderate to large environmental impacts have been identified for the proposed action, and it is concluded that the action will not have a significant adverse impact on the environment. The principal impacts are positive in that the project will be to construct a new pump station to replace the existing to ensure continued, reliable potable water service to the pump station service area, which includes approximately 200 service connections.

Responses from the Part 1 EAF Lead Agency mailing that was completed on April 26, 2021 were received and are attached for review.

The following information is provided to document issues where potential small impacts have been identified for the proposed action.

3.1 Impact on Land

In preparation for the one-story pump station construction and water main installation, site work includes the removal of approximately 1,260 square feet of existing asphalt pavement and approximately 3,700 square feet of trees and brush. The proposed one-story pump station, with a basement below grade, will be constructed in this cleared area and will total approximately 2,100 square feet. Approximately 375 linear feet of new ductile iron water main will be installed via open cut construction, connecting the new pump station to the existing water main at the site. Construction of the ductile water main will involve the excavation of an approximately 24-inches wide trench, placement of the piping within the trench, restoration of the ground surface, and re-seeding of the vegetation. Excavation will not be extensive and will primarily occur within Village-owned and partial ECWA-operated lands that have been previously disturbed and graded for public water service activity and water tank maintenance.

The USDA Soil Survey indicates the possibility of encountering a shallow water table along the affected project area–approximately 100% of the soils in the project area may have water table depths less than 3 feet. The shallow depth to water table may affect construction considerations, and measures will be taken during engineering and design to allow for the safe and appropriate installation of the waterline within soils within a shallow water table. Given the linear nature of the excavation and relatively low magnitude of disturbance that will result, no significant impacts are anticipated on displacement or contamination of groundwater as well as on overall groundwater levels in the project vicinity.

Assuming that construction will disturb an area approximately, 4,900 square feet for the removal of existing asphalt pavement and tree/brush removal, and an additional approximately 9,000 square feet for the water main installation, the total acreage affected by the project is approximately 0.3 acres. The ECWA, as lead agency, will require the contractor to implement erosion control measures as outlined in the "New York Standards and Specifications for Erosion and Sediment Controls" to minimize the impact of the excavation and backfill activities and to avoid sedimentation. Applicable permits for the project will be obtained by the Erie County Department of Environment and Planning and the Erie County Department of Health.

The pump station and water main improvements are designed to serve existing residences and not as a means to stimulate development. The project locality (Village of East Aurora) and neighboring Town of Aurora are predominantly rural residential and agricultural and are expected to remain so. The ECWA will use applicable zoning regulations and site plan review procedures to minimize any potential growth-inducing impacts associated with the project.

3.5 Impact on Flooding

The project site is not located within a designated floodway, or a 100 or 500-year floodplain; however, the proposed project includes a one-story pump station and asphalt paved parking/access ways, which will create approximately 0.1 acres of new impervious surface at the project site and likely result in an increase of stormwater runoff. The amount of additional stormwater runoff that will be created due to this project is anticipated to be minimal and flow to existing on-site stormwater management features including a drainage ditch and stormwater

piping located to the north and west of the new impervious surfaces. As the proposed soil disturbance is less than 1 acre, the project does not require the development of a Stormwater Pollution Prevention Plan (SWPPP) per New York State Department of Environmental Conservation State Pollutant Discharge Elimination System (NYSDEC SPDES) General Permit for Stormwater Discharges from Construction Activity regulations.

In addition, new piping will be installed on-site via open cut construction. New watermain will connect the new pump station to the existing water main at the site, and new sanitary pipe will connect to existing sanitary pipe along Castle Hill Road. Construction of the new piping will involve excavation of a trench, placement of the piping within the trench, restoration of the ground surface, and re-seeding of vegetation. Excavation will not be extensive, and the ground surface will be restored within a relatively short time. Moreover, as the water main will be installed below ground, it will not impede floodwater flows or affect surface drainage patterns. No significant physical impacts on floodplain resources have been identified. As such, no significant adverse impact on flooding have been identified.

3.10 Impact on Historic and Archaeological Resources

The project site was submitted to the New York State Historic Preservation Office (SHPO) for review since portions of the project are located in within archeologically sensitive areas. On June 15, 2021, SHPO issued an Effect Finding with Conditions letter (attached at end of Part 3). Due to the status of an old stone retaining wall as a historic resource, SHPO determined that site work is acceptable as long as this resource is not impacted. The letter outlines preservation and avoidance measures including boundary delineation, temporary fencing, and a pre-construction meeting to communicate the need to protect and avoid the wall. All avoidance strategies will be implemented throughout the construction period. As a result, no significant impacts on this historic resource are anticipated.

3.11 Impact on Open Space and Recreation

The proposed project could potentially have a small impact on natural functions or "ecosystem services" located within the project area. As currently proposed, approximately 3,700 square feet of tree and brush is planned to be removed from the project area in preparation for pump station construction and associated paving/access features.

The removal of natural vegetation may result in an impairment of natural functions or "ecosystem services" to typical suburban/rural species such as squirrels, rabbits, raccoons, woodchucks, chipmunks, rodents, deer, foxes, coyote or birds that may pass through the project area. However, no New York State or Federally-listed endangered or threatened species are present within the project area, and the proposed project will not induce growth or contribute to the cumulative degradation of a natural resource. (woodlands, meadows, grasslands, etc.). Additionally, the project complies with the Regional Comprehensive Plan that was adopted for the Towns of Aurora, Elma, Holland, and the Village of East Aurora. As a result, impacts to ecosystem services within the project area will be small in nature, and will not impact any listed endangered or threatened species.

3.13 Impact on Transportation

During construction, installation of the proposed one-story pump house and new water main will have minor impacts along the southern end (a dead end) of Castle Hill Road. While

temporary inconveniences may occur to travelers on the roadway during construction, no significant impacts have been identified. Any disturbed area within the rights-of-way will be repaired to NYSDOT standards. Construction signage and other measures will be implemented to direct traffic around the work area during pump station and water main installation.

To address site accessibility concerns, the proposed action will involve the acquisition of an approximately 0.48-acre parcel of land by the ECWA from the Village, for the purposes of undertaking the project. An additional approximately 0.05-acre non-exclusive easement will be granted by the ECWA to the Village, for the purposes of providing the Village access to certain adjacent land and facilities within the project area that continue to be owned by the Village. This approximately 0.05-acre easement will provide direct access from the southern end of Castle Hill Road/the entrance to the new pump station facility to the existing Village-owned water tank located southeast of the proposed pump station structure.

3.15 Impact on Noise, Odor and Light

The proposed project could potentially have an impact on noise and light in the community as a result of construction activities and the proposed project features. No impacts on odor are anticipated.

Noise

Backup beepers on trucks, operating work vehicles, equipment transport and installation, and other related activities will likely produce above average noise levels at the project site during construction. However, construction activities will be completed over 6-9 months. Any impacts on noise will be temporary in nature and short in duration based on these types of activities. As such, no large impacts are anticipated.

Light

Wall pack light features are planned to be installed on each face of the proposed pump station (approximately 4 wall packs). The exact location and height of the lighting fixtures have not been determined at this point in design. However, the lighting will be dark sky compliant. Additionally, existing trees and brush are planned to be cleared and grubbed in the location of the proposed pump station. However, the area of the proposed pump station is surrounded by additional vegetation. As such, natural barriers surrounding the site of the proposed project will act as a light barrier/screen. Therefore, no large impacts are anticipated.

3.17 Consistency with Community Plans

The proposed project is in contrast to the existing nearby properties, which include residential and vacant land, located within the Estate/Large Lot Residential Zone, as designated by the Regional Comprehensive Plan for the Towns of Aurora, Elma, Holland, and Wales, and the Village of East Aurora. However, the project parcel is zoned Undeveloped/Open Space. Based on the review of aerial photography and Erie County Interactive Mapping Viewer, the proposed project area will remain surrounded by trees and brush. As a result of the natural barrier, no adverse impacts to viewshed are anticipated as a result of the proposed project. Additionally, review of the Regional Comprehensive Plan indicates that the project site is

located outside of revitalization areas or areas designated for commercial and industrial uses as designated by the County.

It is not anticipated that the proposed action will induce significant new growth or promote development within the designated rural residential areas. The purpose of this project is to ensure continued, reliable potable water service to the pump station service area, which includes approximately 200 service connections.

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

June 15, 2021

Allison Koch
Environmental Analyst
LaBella Associates
300 State Street, Suite 201
Rochester, NY 14614

Re: SEQRA
Castle Hill Pump Station Replacement Project
Castle Hill Road (Tax ID: 176.10-1-1.11), East Aurora, Erie County, NY
21PR03536

Dear Allison Koch:

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

We have reviewed the provided documentation. Based on this review, OPRHP has no concerns for archaeological or built historical resources, with the condition that the “Old Stone Retaining Wall” identified on the property and associated with a former reservoir will not be impacted. We recommend that the following Preservation and Avoidance Measures be implemented during construction:

- The site(s) boundary (including a fifty-foot (50-ft) buffer zone) will be clearly delineated on the final construction plans and identified as “Environmentally Sensitive Area—No Access.”

- Temporary fencing shall be installed around the boundary of the avoidance area prior to any clearing or construction activities within the APE and shall be maintained until all construction has ceased.

- A pre-construction meeting with the construction contractor(s) is to be required to notify those in charge of the requirements to protect and avoid the archaeological site(s).

Please be aware that if this project will involve state or federal permits, funding, or licenses, it may be subject to a more rigorous review by those agencies and this office for impacts to historic and archaeological resources under Section 106 of the National Historic Preservation Act or Section 14.09 of NYS Parks Recreation and Historic Preservation Law.

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If further correspondence is required regarding this project, please refer to the OPRHP Project Review (PR) number noted above. If you have any questions, I can be reached via e-mail at Josalyn.Ferguson@parks.ny.gov.

Sincerely,

Josalyn Ferguson, Ph.D.
Scientist Archaeology

via email only

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

Contract: LA-002 **Project No.:** 202000178
Project Description: Castle Hill Pump Station Improvements

Item Description:

- [ ] Agreement
- [ ] Professional Service Contract
- [ ] Amendment
- [ ] Change Order
- [ ] BCD
- [ ] NYSDOT Agreement
- [ ] Contract Documents
- [ ] Addendum
- [ ] Recommendation for Award of Contract
- [ ] Recommendation to Reject Bids
- [ ] Request for Proposals
- [X] Other SEQRA Negative Declaration

Action Requested:

- [ ] Board Authorization to Execute
- [ ] Legal Approval
- [ ] Board Authorization to Award
- [ ] Execution by the Chairman
- [ ] Board Authorization to Advertise for Bids
- [ ] Execution by the Secretary to the Authority
- [ ] Board Authorization to Solicit Request for Proposals
- [X] Other Resolution for Adopting a SEQRA Negative Declaration

Approvals Needed:

APPROVED AS TO CONTENT:

- [X] Sr. Distribution Engineer _____ Date: 8/25/2021
- [X] Chief Operating Officer _____ Date: 8/25/2021
- [X] Executive Engineer _____ Date: 08/25/2021
- [ ] Director of Administration _____ Date: _____
- [ ] Risk Manager _____ Date: _____
- [ ] Chief Financial Officer _____ Date: _____
- [X] Legal _____ Date: _____

APPROVED FOR BOARD RESOLUTION:

- [X] Secretary to the Authority _____ Date: 08/25/21

Remarks: _____

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