

**TROY CITY COUNCIL  
SPECIAL MEETING AGENDA  
November 18, 2021  
7:30 P.M.**

Pledge of Allegiance  
Roll Call  
Presentation of Agenda  
Public Forum\*

**LOCAL LAWS**

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**ORDINANCES**

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**RESOLUTIONS**

94. Resolution Determining That Action To Install New Water Transmission Mains (Phase 2) Will Not Have A Significant Effect On The Environment (Council President Mantello) (At The Request Of The Administration) \*\*Pending November 18 Finance Meeting

95. Bond Resolution Of The City Of Troy, New York, Authorizing The Issuance Of An Additional \$25,000,000 Serial Bonds To Finance The Cost Of The Reconstruction Of The City Water System (Council President Mantello) (At The Request Of The Administration) \*\*Pending November 18 Finance Meeting

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**\*PUBLIC FORUM**

Due to the COVID-19 crisis and pursuant to NYS legislation S.50001/A.40001, this meeting shall be held remotely via videoconference and live-streamed on the City Council's [YouTube channel](#). Troy residents who wish to comment during the public forum at the beginning of the meeting must have the ability to join the Zoom meeting via computer or phone and will be required to pre-register for the meeting. The link to register for the meeting will be posted at least 24 hours before the meeting on the Council [Agenda and Minutes](#) page. You must register for the meeting by 3 pm on the day of the meeting. Per Council rules, residents have 7 minutes to speak at the Special meeting public forum.

Per the City Council, written comments will not be read aloud at this meeting but will be added to the meeting minutes. Written comments to be added to the meeting minutes should be sent to [mara.drogan@troyny.gov](mailto:mara.drogan@troyny.gov) and must be received by 3 pm on the day of the meeting. You must include your full name and residential address. Written comments received after 3 pm shall be treated as correspondence and forwarded to the Council for their review.

**RESOLUTION DETERMINING THAT ACTION TO INSTALL NEW WATER TRANSMISSION MAINS (PHASE 2) WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT**

WHEREAS, the City Council of the City of Troy, Rensselaer County, New York (the "City") is considering authorizing the City to undertake Phase 2 of the installation of two 36-inch water transmission mains from the City's water treatment plant to the Tomhannock Reservoir (the "Project"); and

WHEREAS, pursuant to Article 8 of the Environmental Conservation Law, Chapter 43-b of the Consolidated Laws of New York, as amended (the "SEQR Act") and the regulations adopted pursuant thereto by the Department of Environmental Conservation of the State of New York ("DEC"), being 6 NYCRR Part 617, as amended (the "Regulations", and together with the SEQR Act, "SEQRA"), the City desires to determine whether approving the Project and the funding thereof may have a significant effect on the environment and therefore require the preparation of an environmental impact statement; and

WHEREAS, the City's engineers have prepared a Full Environmental Assessment Form (the "EAF") for the Project (the EAF and all supporting documentation attached thereto, shall be collectively referred to as the "Environmental Materials"), copies of which were presented to and reviewed by the City Council at this meeting and copies of which are on file in the office of the City Clerk; and

WHEREAS, pursuant to SEQRA, the City Council has examined the Environmental Materials in order to make a determination as to the potential environmental significance of the Project; and

WHEREAS, the Project is classified as an "Unlisted Action" (as defined by SEQRA), and the City has undertaken a coordinated review in order to comply with the environmental impact review requirements of the New York State Drinking Water State Revolving Fund ("DWSRF"), which will provide financing for the Project; and

WHEREAS, the City Council has notified the Involved Agencies (as defined in SEQRA) of its intention to act as Lead Agency for this Project and all of the Involved Agencies have either consented to the City serving as Lead Agency for this Project or have not objected within the period prescribed by SEQRA.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF TROY, RENSSELAER COUNTY, NEW YORK AS FOLLOWS:**

1. The City Council hereby declares that the City shall be Lead Agency for purposes of completing the SEQRA review of the Project.
2. Based on an examination of the Environmental Materials and based further upon the City Council's knowledge of the area surrounding the Project and such further investigation of the Project and its environmental effects as the City Council has deemed appropriate, and

based on information provided by City officials, the City Council makes the following findings and determinations with respect to the Project:

- (a) The Project is described in the Environmental Materials.
- (b) The Project constitutes an "Unlisted Action" (as defined in the Regulations).
- (c) No potentially significant effect on the environment is noted in the Environmental Materials, and none are known to the City Council;
- (d) The Project will not have any significant adverse environmental impacts; and the City Council will not require the preparation of an environmental impact statement with respect to the Project.

3. The City Superintendent of Public Utilities is hereby directed to execute Part 3 of the attached EAF (Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance), to confirm the determination that the Project will not result in any significant environmental impacts. A copy of the completed EAF shall be maintained in the Office of the Clerk in a file that will be readily accessible to the public.

4. This Resolution shall take effect immediately.

Approved as to form, \_\_\_\_\_, 2021

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Richard T. Morrissey, Corporation Counsel

## Memorandum in Support, SEQRA

**Title:** Resolution determining that proposed Water Transmission Line Replacement is a SEQRA Unlisted project.

**Summary of Provisions:** The city of Troy in conjunction with CDM Smith have completed the SEQRA Full Environmental Assessment form and have determined the project to be an Unlisted Action. This type action means the proposed project doesn't meet the need for a Full Environmental Impact Statement but may require more information than a listed Type II action. Differences are the proposed project will be disturbing less than 10 acres or requiring regulations or local laws and resolutions that may affect the environment.

**Present Law:** N/A

**Purpose:** The Tomhannock Reservoir is located approximately 7 miles from the John P. Buckley Water Treatment Plant (WTP) that services the City of Troy, and portions of nine communities in Rensselaer, Saratoga, and Albany Counties. The average daily demand for this regional drinking water distribution system is 20 mgd. Currently in service are two raw water transmission mains that run in parallel from the reservoir intake in Pittstown, through Schaghticoke to the WTP in Troy. These include a 30-inch cast iron installed in 1906 and a 33-inch riveted steel main installed in 1914. The last substantial upgrade or maintenance of both mains was when they were cleaned and cement mortar lined in the 1960's. The proposed project includes the installation of two 36-inch new ductile iron raw water mains to replace the remaining 25% of the existing mains after Phase 1 is completed. The proposed route for the new transmission mains continues along the former Boston & Main Railroad (Pan Am Railways) bed and continues on existing right of ways where the current 120 year old mains are.

This project rehabilitates vulnerable and critical assets in the City's water system and will ensure the continued transmission of safe drinking water for treatment at the WTP and delivery to users in these ten communities spread out over three counties for the foreseeable future.

**Fiscal Impact:** N/A.

**Council Committee:** Public Utilities

**Full Environmental Assessment Form**  
**Part 1 - Project and Setting**

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**Instructions for Completing Part 1**

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

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

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

**A. Project and Applicant/Sponsor Information.**

Name of Action or Project: Troy Raw Water Transmission Main North		
Project Location (describe, and attach a general location map): There are two routes being considered with both routes starting near the intersection of Church St and Route 40 in Melrose. See attached location map.		
Brief Description of Proposed Action (include purpose or need): The Tomhannock Reservoir is located approximately 7 miles from the John P. Buckley Water Treatment Plant that serves the City of Troy, and portions of nine communities in Rensselaer, Saratoga, and Albany counties. The transmission mains in use today were installed in 1906 and 1914, and have not had any substantial work done to them since they were cleaned and lined in the 1960's. As part of an ongoing project, two new raw water transmission mains are being installed to replace 75% of the existing transmission mains and all segments under high pressure. This project will continue the replacement of the existing mains with installation of one or two new raw water main(s) from the vicinity of Church Street in Schaghticoke to the southern end of the raw water tunnel where the original mains end. There are two possible routes being evaluated. The first route travels North on the former railroad bed before cutting east, crossing Melrose Valley Falls Road north of Skyline Road. This route then continues into an existing rock tunnel that leads to the Tomhannock Reservoir. The second route travels east on Church St before continuing North on Melrose Valley Falls Road. The pipe would then bear east north of Skyline Road and continue into an existing rock tunnel to the Tomhannock Reservoir. The new main(s) will be connected to the existing tunnel. The City of Troy is working to build these projects because the City's water supply is being considered by New York State as a source of clean drinking water for communities impacted by groundwater contamination near Hoosick Falls.		
Name of Applicant/Sponsor: City of Troy	Telephone: N/A	E-Mail: N/A
Address: 25 Water Plant Road		
City/PO: Troy	State: NY	Zip Code: 12182
Project Contact (if not same as sponsor; give name and title/role): Chris Wheland, Superintendent	Telephone: 518-237-0193	E-Mail: Chris.Wheland@troyny.gov
Address: 25 Water Plant Road		
City/PO: Troy	State: NY	Zip Code: 12182
Property Owner (if not same as sponsor):	Telephone:	E-Mail:
Address:		
City/PO:	State:	Zip Code:

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

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees	Troy City Council funding	Fall 2021
b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Town of Schaghticoke Road Crossing	Spring of 2023
c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Rensselaer County Department of Health, Rensselaer County road crossing	Fall of 2022
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	OPRHP/SHPO, NYSEFC, NYSDEC, NYDOH, NYSDOT	Fall of 2022
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**C. Planning and Zoning****C.1. Planning and zoning actions.**

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

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

**C.2. Adopted land use plans.**

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

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):

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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):

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<b>C.3. Zoning</b>	RES94
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. If Yes, what is the zoning classification(s) including any applicable overlay district? Hamlet, Residential, and Residential Agriculture	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b. Is the use permitted or allowed by a special or conditional use permit?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
c. Is a zoning change requested as part of the proposed action? If Yes, i. What is the proposed new zoning for the site? _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>C.4. Existing community services.</b>	
a. In what school district is the project site located? Hoosic Valley Cental Schools	
b. What police or other public protection forces serve the project site? City of Troy PD, Rensselaer County Sheriff Dept., NYS Police	
c. Which fire protection and emergency medical services serve the project site? Speigletown Volunteer Fire, Schaghticoke Volunteer Fire, Melrose Fire Co, Hoosic Valley Rescue,	
d. What parks serve the project site? _____ _____	

**D. Project Details**

<b>D.1. Proposed and Potential Development</b>	
a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Upgrade to existing water system infrastructure	
b. a. Total acreage of the site of the proposed action? _____	10 acres
b. Total acreage to be physically disturbed? _____	6 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____	10 acres
c. Is the proposed action an expansion of an existing project or use? 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: _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
d. Is the proposed action a subdivision, or does it include a subdivision? If Yes, i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types) _____ ii. Is a cluster/conservation layout proposed? _____ iii. Number of lots proposed? _____ iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
e. Will the proposed action be constructed in multiple phases? i. If No, anticipated period of construction: _____ 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: _____ _____ _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

f. Does the project include new residential uses?  Yes  No  
RES94  
 If Yes, show numbers of units proposed.

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

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

i. Total number of structures \_\_\_\_\_

ii. Dimensions (in feet) of largest proposed structure: \_\_\_\_\_ height; \_\_\_\_\_ width; and \_\_\_\_\_ length

iii. Approximate extent of building space to be heated or cooled: \_\_\_\_\_ square feet

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

i. Purpose of the impoundment: \_\_\_\_\_

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

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

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

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

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

**D.2. Project Operations**

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

i. What is the purpose of the excavation or dredging? Excavation trench 7 ft below surface for installation of water mains

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

- Volume (specify tons or cubic yards): 14,700 Cubic Yards
- Over what duration of time? During the period of construction

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.  
Excess excavated materials will be trucked off site and disposed of properly with some material used as common fill

iv. Will there be onsite dewatering or processing of excavated materials?  Yes  No  
 If yes, describe. It is possible to encounter groundwater at some point during the work and dewatering will take place if it is.

v. What is the total area to be dredged or excavated? \_\_\_\_\_ 2.5 acres

vi. What is the maximum area to be worked at any one time? \_\_\_\_\_ 0.2 acres

vii. What would be the maximum depth of excavation or dredging? \_\_\_\_\_ 7 feet

viii. Will the excavation require blasting?  Yes  No

ix. Summarize site reclamation goals and plan: \_\_\_\_\_  
Post construction, the site will return to previous conditions

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

Yes  No  
RES04  
 Yes  No

- Do existing sewer lines serve the project site?
- Will a line extension within an existing district be necessary to serve the project?

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?

\_\_\_\_ 0 Square feet or \_\_\_\_ acres (impervious surface)  
\_\_\_\_ Square feet or \_\_\_\_ acres (parcel size)

ii. Describe types of new point sources. No post construction 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)?

During construction stormwater runoff will be directed toward on-site stormwater management structures and existing drainage features that cross the water main alignment.

- 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)

Excavators and Fleet 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<sub>2</sub>)
- \_\_\_\_\_ Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)
- \_\_\_\_\_ Tons/year (short tons) of Perfluorocarbons (PFCs)
- \_\_\_\_\_ Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)
- \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflouorocarbons (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  
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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): \_\_\_\_\_

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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): \_\_\_\_\_

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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

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 1/2 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

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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

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

<p>i. During Construction:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____ 7-4 _____</li> <li>• Saturday: _____ None _____</li> <li>• Sunday: _____ None _____</li> <li>• Holidays: _____ None _____</li> </ul>	<p>ii. During Operations:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____ 24/7 pipeline _____</li> <li>• Saturday: _____ See above _____</li> <li>• Sunday: _____ See above _____</li> <li>• Holidays: _____ See above _____</li> </ul>
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<p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p style="text-align: right; margin-right: 20px;">RES94</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration: Excavator operating during construction hours.</p>	
<p>ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p style="text-align: center;">Describe: Some tree and underbrush removal will be required during the pipeline installation. Post construction, area will be seeded and mowed annually to prevent root penetration into pipes</p>	
<p>n. Will the proposed action have outdoor lighting? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p>	
<p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p> <p style="text-align: center;">Describe:</p>	
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p style="text-align: center;">If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:</p>	
<p>p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally, describe the proposed storage facilities: _____</p>	
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p>	
<p>ii. Will the proposed action use Integrated Pest Management Practices? <span style="float: right;"><input type="checkbox"/> Yes <input type="checkbox"/> No</span></p>	
<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span></p> <p>If Yes:</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> <li>• Construction: _____ tons per _____ (unit of time)</li> <li>• Operation : _____ tons per _____ (unit of time)</li> </ul> <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> <li>• Construction: _____</li> <li>• Operation: _____</li> </ul> <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> <li>• Construction: _____</li> <li>• Operation: _____</li> </ul>	

s. Does the proposed action include construction or modification of a solid waste management facility?  Yes  No  
RES94

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 Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	4.2	4.2	0
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	4.2	4.2	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0.3	0.3	0
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)	0.2	0.2	0
• 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  
RES94  
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  
RES94

- 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? \_\_\_\_\_ Undefined feet 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:

<u>Scriba Silt Loam</u>	_____	_____	16.5 %
<u>Bernardston Nassau Complex</u>	_____	_____	12.6 %
<u>Hudson Silt Loam</u>	_____	_____	8.7 %

d. What is the average depth to the water table on the project site? Average: \_\_\_\_\_ 2 feet

e. Drainage status of project site soils:  Well Drained: \_\_\_\_\_ 38 % of site  
 Moderately Well Drained: \_\_\_\_\_ 19 % of site  
 Poorly Drained \_\_\_\_\_ 43 % of site

f. Approximate proportion of proposed action site with slopes:  0-10%: \_\_\_\_\_ 62 % of site  
 10-15%: \_\_\_\_\_ 31 % of site  
 15% or greater: \_\_\_\_\_ 7 % 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 941-25 Classification C
- Lakes or Ponds: Name \_\_\_\_\_ Classification \_\_\_\_\_
- Wetlands: Name Federal Waters, NYS Wetland, Federal Waters, Fe... Approximate Size NYS Wetland (in a...
- Wetland No. (if regulated by DEC) TO-13

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:	RES94
Songbirds _____ Small mammals _____ Deer _____	
n. Does the project site contain a designated significant natural community?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Describe the habitat/community (composition, function, and basis for designation): _____ _____	
<i>ii.</i> Source(s) of description or evaluation: _____	
<i>iii.</i> Extent of community/habitat:	
<ul style="list-style-type: none"> <li>• Currently: _____ acres</li> <li>• Following completion of project as proposed: _____ acres</li> <li>• Gain or loss (indicate + or -): _____ acres</li> </ul>	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Species and listing: _____ _____	
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, give a brief description of how the proposed action may affect that use: _____ _____	
<b>E.3. Designated Public Resources On or Near Project Site</b>	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, provide county plus district name/number: RENS005	
b. Are agricultural lands consisting of highly productive soils present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<i>i.</i> If Yes: acreage(s) on project site? _____	
<i>ii.</i> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature	
<i>ii.</i> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> CEA name: _____	
<i>ii.</i> Basis for designation: _____	
<i>iii.</i> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <small>RES94</small>
If Yes: <i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District <i>ii.</i> Name: _____ <i>iii.</i> Brief description of attributes on which listing is based: _____	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes: <i>i.</i> Describe possible resource(s): _____ <i>ii.</i> Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes: <i>i.</i> Identify resource: _____ <i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____ <i>iii.</i> Distance between project and resource: _____ miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes: <i>i.</i> Identify the name of the river and its designation: _____ <i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

**F. Additional Information**

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

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

**G. Verification**

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

Applicant/Sponsor Name Chris Wheland Date \_\_\_\_\_

Signature \_\_\_\_\_ Title Superintendent of Public Utilities



**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.

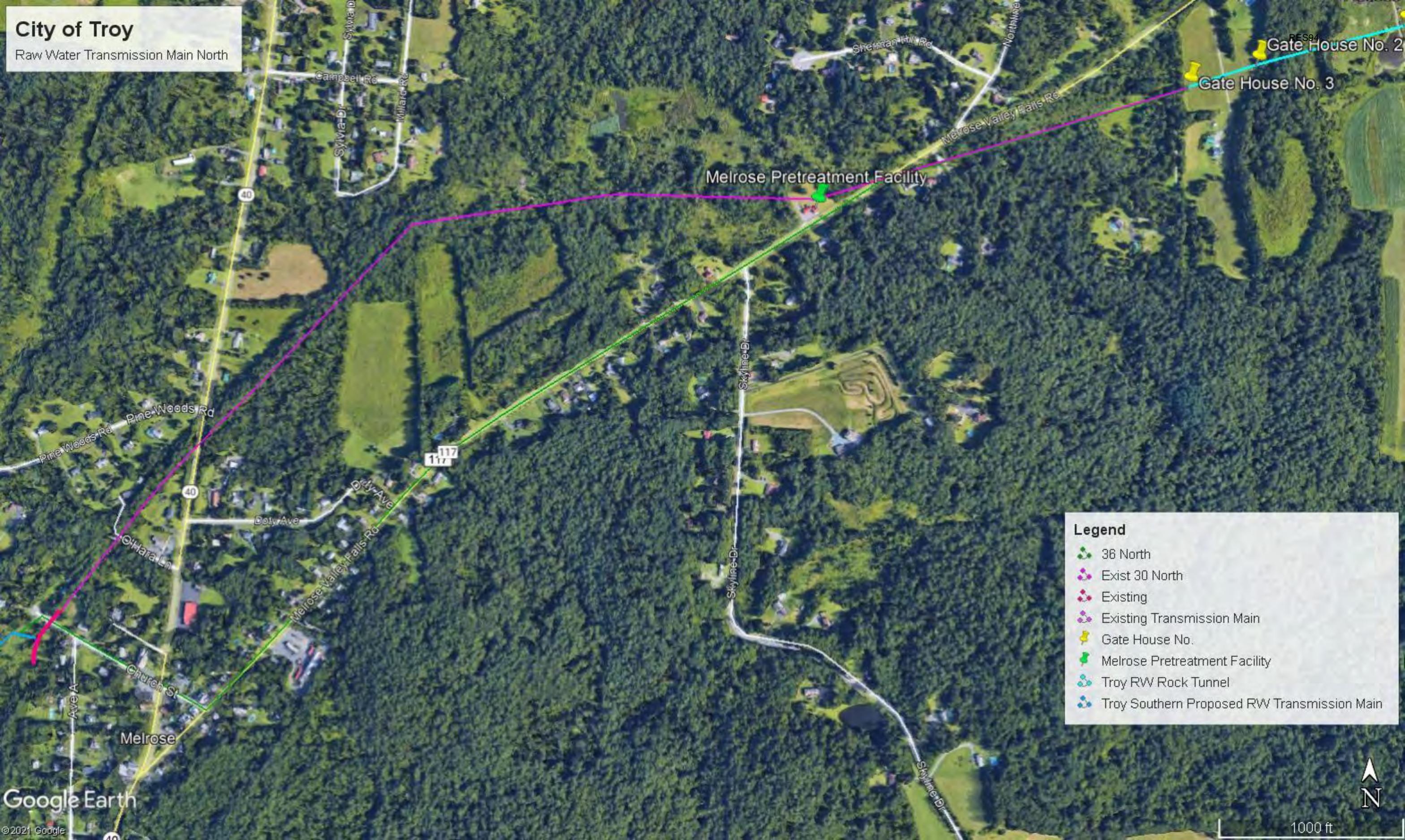


B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are 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]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	941-25
E.2.h.iv [Surface Water Features - Stream Classification]	C
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):27.4
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	TO-13
E.2.h.v [Impaired Water Bodies]	No

E.2.i. [Floodway]	No	
E.2.j. [100 Year Floodplain]	No	RES94
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]	Yes	
E.3.a. [Agricultural District]	RENS005	
E.3.c. [National Natural Landmark]	No	
E.3.d [Critical Environmental Area]	No	
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.	
E.3.f. [Archeological Sites]	No	
E.3.i. [Designated River Corridor]	No	

# City of Troy

Raw Water Transmission Main North



**Legend**

- 36 North
- Exist 30 North
- Existing
- Existing Transmission Main
- Gate House No.
- Melrose Pretreatment Facility
- Troy RW Rock Tunnel
- Troy Southern Proposed RW Transmission Main

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

Agency Use Only [If applicable]

Project :	RES94
Date :	

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

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

**Tips for completing Part 2:**

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

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

**2. Impact on Geological Features**

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g)

 NO YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

**3. Impacts on Surface Water**

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h)

 NO YES

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

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

I. Other impacts: _____ _____		<input type="checkbox"/>	RES94 <input type="checkbox"/>
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**4. Impact on groundwater**  
 The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer.  
 (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)  
*If "Yes", answer questions a - h. If "No", move on to Section 5.*

 NO

 YES

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

**5. Impact on Flooding**  
 The proposed action may result in development on lands subject to flooding.  
 (See Part 1. E.2)  
*If "Yes", answer questions a - g. If "No", move on to Section 6.*

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

g. Other impacts: _____ _____		<input type="checkbox"/>	RES94	<input type="checkbox"/>
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<b>6. Impacts on Air</b>			
The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
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 <sub>2</sub> )	D2g	<input type="checkbox"/>	<input type="checkbox"/>
ii. More than 3.5 tons/year of nitrous oxide (N <sub>2</sub> O)	D2g	<input type="checkbox"/>	<input type="checkbox"/>
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	<input type="checkbox"/>	<input type="checkbox"/>
iv. More than .045 tons/year of sulfur hexafluoride (SF <sub>6</sub> )	D2g	<input type="checkbox"/>	<input type="checkbox"/>
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	<input type="checkbox"/>	<input type="checkbox"/>
vi. 43 tons/year or more of methane	D2h	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

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

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	<input checked="" type="checkbox"/>	RES94 <input type="checkbox"/>
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____	E1b	<input type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

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

**9. Impact on Aesthetic Resources**

The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)

 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	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2 -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

**10. Impact on Historic and Archeological Resources**

The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)

 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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	<input checked="" type="checkbox"/>	<input type="checkbox"/>

d. Other impacts: _____ _____		<input checked="" type="checkbox"/>	RES94 <input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

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

**13. Impact on Transportation**

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

 NO YES

(See Part 1. D.2.j)

*If "Yes", answer questions a - f. If "No", go to Section 14.*

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

**14. Impact on Energy**

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

 NO YES

(See Part 1. D.2.k)

*If "Yes", answer questions a - e. If "No", go to Section 15.*

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

**15. Impact on Noise, Odor, and Light**

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

 NO YES

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

*If "Yes", answer questions a - f. If "No", go to Section 16.*

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

d. The proposed action may result in light shining onto adjoining properties.	D2n	<input checked="" type="checkbox"/>	RES94 <input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: <u>Potential noise impacts associated with construction activity only</u> _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

### 16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.)  
If "Yes", answer questions a - m. If "No", go to Section 17.

NO

YES

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

**17. Consistency with Community Plans**

The proposed action is not consistent with adopted land use plans.

(See Part 1. C.1, C.2. and C.3.)

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

 NO YES

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

**18. Consistency with Community Character**

The proposed project is inconsistent with the existing community character.

(See Part 1. C.2, C.3, D.2, E.3)

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

 NO YES

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

Project :

Date :

RES94

***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.

Please see the attached Part 3 Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance.

**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

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the City Council of the City of Troy, Rensselaer County, New York \_\_\_\_\_ as lead agency that:

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

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

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

Name of Action:

Name of Lead Agency:

Name of Responsible Officer in Lead Agency:

Title of Responsible Officer:

Signature of Responsible Officer in Lead Agency:

Date:

Signature of Preparer (if different from Responsible Officer)

Date:

**For Further Information:**

Contact Person:

Address:

Telephone Number:

E-mail:

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

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

Applicant (if any)

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

## Part 3 Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance

The following provides the assessment of potential impacts for those parameters identified in Part 2 of the EAF.

### **1. Impact on Land**

**1a.** Based on the USDA Web Soil Survey, the average water table depth is 2 feet in the project area. Construction activities would be limited to area specific to the placement of the water mains, minimizing the area of impact to the maximum extent practical. Trenchless installation of the water mains would be used where appropriate. Dewatering activities will take place as needed, and best management practices for erosion control as identified in the NYS Standards and Specifications for Erosion and Sediment Control will be utilized. Upon completion of construction, the area will be restored to pre-construction condition and no impervious surfaces will be added.

**1b.** The project area for the proposed water mains may involve construction on slopes of 15% or greater. Trenchless construction method will be utilized in areas where practical to avoid open trenches on steep slopes. Should trench less methods not be feasible in areas with steep slopes, the open trench method will be advanced in small segments to limit the risk of slope failure. Best management practices for erosion control as identified in the NYS Standards and Specifications for Erosion and Sediment Control will be utilized. Upon completion of construction, the area will be restored to pre-construction condition and no impervious surfaces will be added.

**1d.** The total area of disturbance would cover approximately 10 acres. The route is approximately 16,150 linear feet, and assuming excavation of two 7-foot trenches will be created to install the new water main(s), more than 14,700 cubic yards of material would be excavated overall. The excavated material will remain on site for use as backfill. Only unacceptable materials will be removed from the site for offsite disposal in accordance with applicable federal, state, and local requirements.

**1e.** The project is expected to be constructed in 1.5 years. Construction will not be disturbing the total area of the site during this time. The new water main(s) will be installed in segments, trenching, installing bedding material, backfill and as work is completed, the area will be restored to pre-construction condition.

**1f.** No herbicides will be used on this project. Following the completion of the project, the site will be restored to pre—construction condition. Any vegetation that is removed will be allowed to naturally reestablish. During construction, best management practices for erosion control as identified by NYS Standards and Specifications for Erosion and Sediment Control will be utilized.

### **3. Impacts on Surface Water**

The proposed route for the water mains may include small stream crossings or passing through a small freshwater wetland. It is intended to utilize trenchless installation through all stream and wetland crossings. During construction, the contractor will continuously utilize best management practices for erosion and sediment control as identified by NYS Standards and Specifications for Erosion and Sediment Control.

**3d.** Trenchless installation of the new water mains will be utilized at stream crossings to minimize disturbance of the area. During construction, best management practices for erosion control as identified by NYC Standards and Specifications for Erosion and Sediment Control will be utilized.

**3h.** During construction best management practices will be utilized to minimize impact of soil erosion and stormwater discharge, as identified by NYS Standards and Specifications for Erosion and Sediment Control.

### **7. Impact on Plants and Animals**

Construction of the water mains will take place in sections, minimizing the area that will be under construction at one point in time. Upon completion of the installation the area will return to pre-construction conditions and vegetation will naturally reestablish.

**7b.** During construction, disruption to natural vegetation will be minimized by using trench less installation and best management practices. Once construction is complete, the area will return to pre- construction condition.

### **10. Impact on historic and Archeological Resources**

The consultation request was submitted to NYS OPRHP (Project number 21PR06571). The initial submission has been accepted. A response from OPRHP has not been received related to any archaeologically sensitive areas impacted by the project. Any additional requirements of OPRHP will be conducted by the lead agency once the response has been received.

### **15. Impact on Noise, Odor, and Light**

Temporary increases in noise may be apparent for the duration of construction. Noise from the operation of an excavator and other construction equipment during the course of the work will be limited to weekdays during the hours of 7 am to 4 pm, and it will be limited to the area of work.

Most of the project is in a wooded area or on a rural road, removed from many residences and businesses, and it is unlikely that noise from the operation will create a significant disruption. Upon completion of the construction, there will be no noise generated as a result of this project.

### **16. Impacts on Human Health**

No adverse impacts on human health have been identified for this project.

BOND RESOLUTION OF THE CITY OF TROY, NEW YORK, AUTHORIZING THE  
ISSUANCE OF AN ADDITIONAL \$25,000,000 SERIAL BONDS TO FINANCE THE  
COST OF THE RECONSTRUCTION OF THE CITY WATER SYSTEM.

WHEREAS, the City Council of the City of Troy, New York (the "City") on September 6, 2018 adopted Bond Resolution #86 of 2018 (the "Prior Bond Resolution") entitled "BOND RESOLUTION OF THE CITY OF TROY, NEW YORK, AUTHORIZING THE ISSUANCE OF \$40,000,000 SERIAL BONDS TO FINANCE THE COST OF THE RECONSTRUCTION OF THE CITY WATER SYSTEM"; and

WHEREAS, the City Council wishes (i) to authorize the expenditure and appropriation of additional funds in connection with the reconstruction of the City water system; and (ii) to authorize the issuance of additional serial bonds of the City to finance such additional appropriation;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Troy, New York as follows:

Section 1. The City is hereby authorized to undertake the reconstruction of the City's water supply or distribution system, including the installation of two 36-inch water transmission mains for the City's water treatment plant to the Tomhannock Reservoir, at an estimated maximum cost of \$65,000,000, constituting an increase of \$25,000,000 over the amount previously authorized in the Prior Bond Resolution.

Section 2. The plan for financing such estimated maximum cost of \$65,000,000 shall be as follows:

(a) by the issuance of \$40,000,000 serial bonds of the City heretofore authorized to be issued pursuant to the Prior Bond Resolution; and

(b) by the issuance of additional \$25,000,000 serial bonds (the "Bonds") of the City authorized to be issued pursuant to this Resolution.

Section 3. It is hereby determined that the period of probable usefulness of the aforesaid specific object or purpose is forty (40) years pursuant to paragraph 1 of Section 11.00(a) of the Local Finance Law provided, however, that the maximum maturity of the Bonds authorized herein shall be computed from the date of issuance of the bonds or the first bond anticipation note issued in anticipation of the bonds or serial bonds or the bond anticipation note authorized pursuant to the Prior Bond Resolution, whichever date is earlier.

Section 4. Pursuant to Section 107.00(d)(9) of the Local Finance Law, current funds are not required to be provided prior to issuance of the Bonds or any bond anticipation notes issued in anticipation of issuance of the Bonds.

Section 5. The temporary use of available funds of the City, not immediately required for the purpose or purposes for which the same were borrowed, raised or

otherwise created, is hereby authorized pursuant to Section 165.10 of the Local Finance Law, for the capital purposes described in Section 1 of this resolution.

Section 6. The Bonds and any bond anticipation notes issued in anticipation of the Bonds, shall contain the recital of validity prescribed by Section 52.00 of the Local Finance Law and the Bonds, and any bond anticipation notes issued in anticipation of the Bonds, shall be general obligations of the City, payable as to both principal and interest by a general tax upon all the real property within the City without legal or constitutional limitation as to rate or amount. The faith and credit of the City are hereby irrevocably pledged to the punctual payment of the principal of and interest on the Bonds, and any bond anticipation notes issued in anticipation of the Bonds, and provision shall be made annually in the budget of the City by appropriation for (a) the amortization and redemption of the Bonds and bond anticipation notes to mature in such year, and (b) the payment of interest to be due and payable in such year.

Section 7. Subject to the provisions of this resolution and of the Local Finance Law, and pursuant to the provisions of Sections 21.00, 30.00, 50.00 and 56.00 to 63.00, inclusive, of the Local Finance Law, the power to authorize the issuance of and to sell bond anticipation notes in anticipation of the issuance and sale of the Bonds herein authorized, including renewals of such notes, and the power to prescribe the terms, form and contents of the Bonds, and any bond anticipation notes, and the power to sell and deliver the Bonds and any bond anticipation notes issued in anticipation of the issuance of the Bonds, and the power to issue bonds providing for level or substantially level or declining annual debt service, is hereby delegated to the City Comptroller, the Chief Fiscal Officer of the City.

Section 8. The reasonably expected source of funds to be used to initially pay for the expenditures authorized by Section 1 of this resolution shall be from the City's Water Fund. It is intended that the City shall then reimburse such expenditures with the proceeds of the Bonds and bond anticipation notes authorized by this resolution and that the interest payable on the Bonds and any bond anticipation notes issued in anticipation of the Bonds shall be excludable from gross income for federal income tax purposes. This resolution is intended to constitute the declaration of the City's "official intent" to reimburse the expenditures authorized by this resolution with the proceeds of the Bonds and bond anticipation notes authorized herein, as required by Regulation Section 1.150-2. Other than as specified in this resolution, no moneys are reasonably expected to be, received, allocated on a long-term basis, or otherwise set aside with respect to the permanent funding of the objects or purposes described herein.

Section 9. The City Comptroller, as Chief Fiscal Officer of the City, is further authorized to sell all or a portion of the Bonds or bond anticipation notes issued in anticipation of the Bonds to the EFC in the form prescribed in one or more loan and/or grant agreements (the "Agreements") between the City and the EFC; to execute and deliver on behalf of the City one or more Agreements, Project Financing Agreements, and Letters of Intent with the EFC and to accept the definitive terms of one or more

Agreements from EFC by executing and delivering one or more Terms Certificates; and to execute such other documents, and take such other actions, as are necessary or appropriate to obtain a loan or loans from the EFC for all or a portion of the costs of the expenditures authorized by this resolution, and perform the City's obligations under its Bonds or bond anticipation notes delivered to the EFC, the Project Financing Agreements and the Agreements.

Section 10. The serial bonds and bond anticipation notes authorized to be issued by this resolution are hereby authorized to be consolidated, at the option of the City's Comptroller, the Chief Fiscal Officer, with the serial bonds and bond anticipation notes authorized by other bond resolutions previously or heretofore adopted by the City Council for purposes of sale in to one or more bond or note issues aggregating an amount not to exceed the amount authorized in such resolutions. All matters regarding the sale of the bonds, including the dated date of the bonds, the use of electronic bidding, the consolidation of the serial bonds and the bond anticipation notes with other issues of the City and the serial maturities of the bonds are hereby delegated to the City Comptroller, the Chief Fiscal Officer of the City.

Section 11. The validity of the Bonds authorized by this resolution and of any bond anticipation notes issued in anticipation of the Bonds may be contested only if:

(a) such obligations are authorized for an object or purpose for which the City is not authorized to expend money; or

(b) the provisions of law which should be complied with at the date of the publication of this resolution or a summary hereof are not substantially complied with, and an action, suit or proceeding contesting such validity is commenced within twenty (20) days after the date of such publication; or

(c) such obligations are authorized in violation of the provisions of the Constitution.

Section 12. The City Comptroller, as Chief Fiscal Officer of the City, is hereby authorized to enter into an undertaking for the benefit of the holders of the Bonds from time to time, and any bond anticipation notes issued in anticipation of the sale of the Bonds, requiring the City to provide secondary market disclosure as required by Securities and Exchange Commission Rule 15c2-12, as amended.

Section 13. This resolution, or a summary of this resolution, shall be published in the official newspapers of the City for such purpose, together with a notice of the Clerk of the City in substantially the form provided in Section 81.00 of the Local Finance Law.

Section 14. This resolution is not subject to a mandatory or permissive referendum.

Section 15. The Council hereby determines that the provisions of the State Environmental Quality Review Act and the regulations thereunder have previously been satisfied with respect to the expenditures authorized by this resolution.

Section 16. No Bonds, or bond anticipation notes to be issued in anticipation of the Bonds, shall be issued until the Supervisory Board created by Chapter 721 of the Laws of 1994, as amended (the "Act") shall have first reviewed and commented on the issuance of the Bonds and any bond anticipation notes to be issued in anticipation of the Bonds, if required pursuant to the Act.

Section 17. This resolution shall take effect immediately upon its adoption.

Approved as to form, \_\_\_\_\_, 2021.

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Richard Morrissey  
Corporation Counsel

STATE OF NEW YORK            )  
  )SS.:  
COUNTY OF RENSSELAER    )

I, Mara Drogan, Clerk of the City of Troy, Rensselaer County, New York (the "City"), DO HEREBY CERTIFY:

That I have compared the annexed abstract of the minutes of the meeting of the Council of the City (the "City Council"), held on the \_\_\_ day of \_\_\_\_\_, 2021 including the resolution contained therein, with the original thereof on file in my office, and the same is a true and correct copy of said original and of the whole of said original so far as the same relates to the subject matters therein referred to.

I FURTHER CERTIFY that the full City Council consists of nine (9) members; that \_\_\_ (\_\_) members of the City Council were present at such meeting; and that \_\_\_ (\_\_) of such members voted in favor of the above resolution.

I FURTHER CERTIFY that (i) all members of the City Council had due notice of the meeting, (ii) pursuant to Article 7 of the Public Officers Law (Open Meetings Law), such meeting was open to the general public, and due notice of the time and place of such meeting was duly given in accordance with Article 7 of the Public Officers Law, and (iii) the meeting was in all respects duly held.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the City this \_\_\_ day of \_\_\_\_\_, 2021.

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Mara Drogan, Clerk  
City of Troy, Rensselaer County  
New York

(SEAL)



**W.M. Patrick Madden**  
*Mayor*

**Andrew Piotrowski**  
*City Comptroller*

**Monica Kurzejeski**  
*Deputy Mayor*

**Office of the Comptroller**  
City Hall  
433 River Street  
Troy, New York 12180

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**Date:** November 9, 2021

**To:** Troy City Council

**From:** Andrew Piotrowski, City Comptroller

**Re:** Water Transmission Main Replacement Project Phase II Bond Resolution

This bond resolution, for \$25 million, is for the second phase of the water transmission main replacement project. The bond resolution is needed for a grant application the City will be making on November 19<sup>th</sup> for the project pursuant to the rules of the grant application.

A prior City Council authorized a bond resolution in the amount of \$40 million for Phase I of the project, of which \$29 million has been issued through EFC debt. This leaves \$10 million on the original bond resolution to be used for Phase II as the cost estimates are \$35 million.

As the City Council is aware the total cost of Phase I is approximately \$23 million including the grant funded portion of the project. The City Comptroller's Office is currently working with EFC to amend the initial issuance; however, this process takes at least taking 90 days to complete. While we remain hopeful that EFC will agree to amend the issuance to better reflect the actual costs of Phase I, the timing for it to be completed does not coincide with the grant deadline.

Please note that the bond resolution is specific to this project and any unused funds cannot be used for any other purpose. Unused proceeds related to the project would never be issued after completion of the project.