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By Legislators Wright and Keller

Intro. No. _____

RESOLUTION NO. _____ OF 2021

CLASSIFICATION OF ACTION AND DETERMINATION OF SIGNIFICANCE PURSUANT TO STATE ENVIRONMENTAL QUALITY REVIEW ACT FOR GENESEE VALLEY PUMP STATION PROJECT

BE IT RESOLVED BY THE LEGISLATURE OF THE COUNTY OF MONROE, as follows:

Section 1. The Monroe County Legislature determines that the Genesee Valley Pump Station Project is an Unlisted action.

Section 2. Monroe County shall serve as Lead Agency pursuant to a coordinated review.

Section 3. The Monroe County Legislature determines that, to the extent consideration of the Project without also reviewing the Unviersity of Rochester's potential expansion of its emergency medical facilities (the "Emergency Room Expansion") constitutes segmentation, segmentation is warranted under these circumstances pursuant to 6 NYCRR § 617.3(g)(I) for the following reasons:

a. The Project is functionally independent from the Emergency Room Expansion. The Project is necessary to provide relief to and restore capacity in the Pure Waters Sewer District, and will benefit the sewershed regardless of whether the emergency room is ever approved and construction.

b. Information on the Emergency Room Expansion is speculative and may not occur; and

c. The Emergency Room Expansion is currently expected to exceed the thresholds of 6 NYCRR § 617.4 and therefore will be reviewed as a Type I action. Reviewing the potential impacts of the Project separately from the full environmental assessment and, if necessary, environmental impact statement for the Emergency Room Expansion will be no less protective of the environment.

Section 4. The Monroe County Legislature has reviewed and considered the Full Environmental Assessment Form dated July 9, 2021 and has considered the potential environmental impacts of the Genesee Valley Pump Station Project pursuant to the requirements of State Environmental Quality Review Act and has found that the proposed action will not result in any significant adverse environmental impacts. The Monroe County Legislature hereby issues and adopts the Negative Declaration attached hereto and made a part hereof and determines that an environmental impact statement is not required.

Section 5. The County Executive, or his designee, is hereby authorized to take such actions to comply with the requirements of the State Environmental Quality Review Act, including without limitation, the execution of documents and the filing, distribution and publication of the documents required under the State Environmental Quality Review Act, and any other actions to implement the intent of this resolution.

Section 6. This resolution shall take effect in accordance with Section C2-7 of the Monroe County Charter.

Environmental and Public Works Committee; August 23, 2021 - CV: 7-0

File No. 21-0300

ADOPTION: Date: _____ Vote: _____

ACTION BY THE COUNTY EXECUTIVE

APPROVED: _____ VETOED: _____

SIGNATURE: _____ DATE: _____

EFFECTIVE DATE OF RESOLUTION: _____

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

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

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

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

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Genesee Valley Pump Station & Forcemain		
Project Location (describe, and attach a general location map): Genesee Valley Park near Roundhouse Pavillion and Genesee Waterways Center (43d07'20", 77d38'04")		
Brief Description of Proposed Action (include purpose or need): The project includes construction of a sanitary sewer pump station, within property owned by the University of Rochester, which will be capable of conveying approximately 3.5 million gallons per day (MGD). The pump station will be constructed within a proposed easement or property to be conveyed to Monroe County from the University of Rochester. The project also includes installation of a approximately 1,490 linear foot sanitary sewer facilities from the proposed pump station in a north west direction, through parklands owned by the City of Rochester, and under the Genesee River to a 54-inch sanitary sewer force main located on the west side of the Genesee River. The proposed underground force main, which will be constructed within parklands will be contained within an approximate 30' wide easement, and the area will remain as parkland. A Parkland Alienation process will be completed prior to construction to receive approval for work within parklands. The project also includes an approximate 1,500 foot extension of the existing IBSCPWD Brighton No. 5 pump station force main to the new sanitary sewer force main. The force main extension will be contained within an easement on property owned by the University of Rochester. The project purpose is to relieve the existing 24" sewer of peak sanitary sewer flows.		
Name of Applicant/Sponsor: Monroe County	Telephone: 585-753-7511 E-Mail: MCDES@monroecounty.gov	
Address: 7100 City Place, 50 West Main Street		
City/PO: Rochester	State: New York	Zip Code: 14614
Project Contact (if not same as sponsor; give name and title/role): Joseph VanKerkhove, P.E.	Telephone: (585) 753-7544 E-Mail: JosephVankerkhove@monroecounty.gov	
Address: 7100 City Place, 50 W. Main Street		
City/PO: Rochester	State: New York	Zip Code: 14614
Property Owner (if not same as sponsor): City of Rochester Dept. of Environmental Services	Telephone: (585) 428-6855 E-Mail: Norman.Jones@CityofRochester.Gov	
Address: 30 Church Street, Room 300B		
City/PO: Rochester	State: New York	Zip Code: 14614

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B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)			
Government Entity		**If Yes: Identify Agency and Approval(s) Required**	**Application Date (Actual or projected)**
a. City Counsel, Town Board, or Village Board of Trustees	☑Yes☐No	City of Rochester Council	
b. City, Town or Village Planning Board or Commission	☐Yes☑No		
c. City, Town or Village Zoning Board of Appeals	☐Yes☑No		
d. Other local agencies	☑Yes☐No	City of Rochester	
e. County agencies	☑Yes☐No	MCDES, MC Parks, MCDOH, MCDPD, MCPB, RPWD, IBSCPWD	
f. Regional agencies	☐Yes☑No		
g. State agencies	☑Yes☐No	NYSDEC, NYS SHPO, NYSEFC, NYPA (NYS Canal Corp.), NYS DOS, NYS Comptroller	
h. Federal agencies	☑Yes☐No	US ACOE	
i. Coastal Resources *i.* Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?			☐Yes☑No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?			☑Yes☐No
iii. Is the project site within a Coastal Erosion Hazard Area?			☐Yes☑No

C. Planning and Zoning

C.1. Planning and zoning actions.	
Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? • If Yes, complete sections C, F and G. • If No, proceed to question C.2 and complete all remaining sections and questions in Part I	☐Yes☑No
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?) If Yes, identify the plan(s): NYS Heritage Areas, West Erie Canal Corridor, and City of Rochester Local Waterfront Revitalization Program	☑Yes☐No
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? If Yes, identify the plan(s): The project is partially located within the City of Rochester Genesee Valley Park.	☑Yes☐No

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C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
O-S Open Space District, O-A Overlay Airport District

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

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i What is the proposed new zoning for the site?

C.4. Existing community services.

a. In what school district is the project site located? Rochester City School District

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

c. Which fire protection and emergency medical services serve the project site?
RFD, BFD, AMR, BVA

d. What parks serve the project site?
Genesee Valley Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Municipal utility project

b. a. Total acreage of the site of the proposed action? 6+/- acres
b. Total acreage to be physically disturbed? 0.1+/- acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 590+/- acres

c. Is the proposed action an expansion of an existing project or use? ☑ Yes ☐ No
i If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % .001 (expand LF of pipe) Units:

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

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: 6+/- months
ii If Yes:
- Total number of phases anticipated
- Anticipated commencement date of phase 1 (including demolition) month year
- Anticipated completion date of final phase month year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

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

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

g. Does the proposed action include new non-residential construction (including expansions)? ☑Yes ☐No
If Yes,
i. Total number of structures 1
ii. Dimensions (in feet) of largest proposed structure: 12 height; 20 width; and 20 length
iii. Approximate extent of building space to be heated or cooled: 400 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 for the pump station wet well and diversion structure
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
- Volume (specify tons or cubic yards): +/- 225 CY
- Over what duration of time? +/- 6 months

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
existing native soil disposed as required
iv. Will there be onsite dewatering or processing of excavated materials? ☑Yes ☐No
If yes, describe. If dewatering is necessary, it will be discharged to a sanitary sewer system.
v. What is the total area to be dredged or excavated? approximately 0.02 acres
vi. What is the maximum area to be worked at any one time? approximately 0.02 acres
vii. What would be the maximum depth of excavation or dredging? approximately 25 feet
viii. Will the excavation require blasting? ☐Yes ☑No
ix. Summarize site reclamation goals and plan:

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☑Yes ☐No
If Yes:
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): Genesee River - NYSDEC ID of 0401-0001

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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:
Proposed action involves directional drilling underneath the Genesee River. Because the pipeline will be directionally drilled, no actual impacts are anticipated.

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: _____
No reclamation/mitigation is anticipated to be needed. If required, proposed action will follow NYSDEC and US ACOE guidance.

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: Frank E. Van Lare WRRF
- Name of district: Rochester Pure Waters 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

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

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: The project is a line extension of approximately 1,490LF (see project description)

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

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

_____

vi Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐Yes☑No

If Yes:

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

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii Describe types of new point sources. _____

iii Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

_____

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐Yes☐No

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

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐Yes☑No

If Yes, identify:

i Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

_____

ii Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

_____

iii Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

_____

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes☑No

If Yes:

i Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes☐No

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

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

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

If Yes:

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

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

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

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

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i When is the peak traffic expected (Check all that apply): ☐Morning ☐Evening ☐Weekend ☐Randomly between hours of _____ to _____.

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

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

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

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

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

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

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

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

If Yes:

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

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

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

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

i During Construction:

- Monday - Friday: 7 AM - 5 PM
- Saturday: N/A
- Sunday: N/A
- Holidays: N/A

ii During Operations:

- Monday - Friday: Continuous operation
- Saturday: Continuous operation
- Sunday: Continuous operation
- Holidays: Continuous operation

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

If yes:

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

Construction may result in a temporary increases in noise.

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

Describe: Project may require removal of trees or vegetation within the area of disturbance

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

If yes:

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

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

Describe:

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

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

A temporary increase in odors may occur during construction, however no permanent impacts are anticipated.

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i Product(s) to be stored

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

iii Generally, describe the proposed storage facilities:

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

If Yes:

i Describe proposed treatment(s):

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

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

If Yes:

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

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

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

- Construction:
- Operation:

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

- Construction:
- Operation:

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

If Yes:

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

ii Anticipated rate of disposal/processing:

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

iii If landfill, anticipated site life: _____ years

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

If Yes:

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

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

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

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

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

If Yes: provide name and location of facility: _____

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

E. Site and Setting of Proposed Action

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

a. Existing land uses.

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

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

ii If mix of uses, generally describe:

Proposed action is located within a park within the City of Rochester. Project includes parkland alienation for sanitary sewer easement (+/- 30 ft width)

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0	.01	.01
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)	1+/-	1+/-	0+/-
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____			

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

i. If Yes: explain: Project site is a public park.

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:

Strong Memorial Hospital, Ronald McDonald House

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): 11 records closed/see attached documents

☐ 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):

All NYSDEC spill incident files are listed as closed.

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

- If yes, DEC site ID number: N/A
- Describe the type of institutional control (e.g., deed restriction or easement): City of Rochester Zoning
- Describe any use limitations: Zoning for Parkland
- Describe any engineering controls: N/A
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☑ No
- Explain:

The project involves installation of an underground sewer facilities and conveyance of a sanitary sewer easement. Any alternations to the parkland will be minor and temporary.

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? >6.5+/- 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:

Urban land - Ub	80 %
Water - W	20 %
	%

d. What is the average depth to the water table on the project site? Average: 5.2+/- feet

e. Drainage status of project site soils:

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

f. Approximate proportion of proposed action site with slopes:

☑ 0-10%:	100 % of site
☐ 10-15%:	% of site
☐ 15% or greater:	% of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe:

h. Surface water features.

i Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☑ Yes ☐ No

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

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

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

- Streams: Name Genesee River 820-2 Classification B
- Lakes or Ponds: Name ____ Classification ____
- Wetlands: Name Federal waters Approximate Size ____
- Wetland No. (if regulated by DEC) ____

v Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☑ Yes ☐ No

If yes, name of impaired water body/bodies and basis for listing as impaired:
Name-Pollutants-Uses Genesee River, Lower, Main Stem-Pathogens:Nutrients Silt/Sediment Priority Organics,Pesticides-Fish Consumption,Public ..

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:

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m. Identify the predominant wildlife species that occupy or use the project site:
Deer, Squirrels, Chipmunks, Various birds, Various fish, Frogs, Foxes

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

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐Yes ☑No
If Yes:
i Species and listing (endangered or threatened) _____

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☑Yes ☐No
If Yes:
i Species and listing: _____
The project location is within a mussel screening stream (Genesee River) that contains the potential for S1 & S2 freshwater mussels (which are not listed by NYSDEC). No impact is currently expected, but will be confirmed through a geotechnical investigation.

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☑Yes ☐No
If yes, give a brief description of how the proposed action may affect that use: _____
Construction may temporarily reduce access to fishing areas. No permanent negative impacts are anticipated

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

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☑No
If Yes, provide county plus district name/number: _____

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

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

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☑Yes ☐No
If Yes:
i CEA name: Not named
ii Basis for designation: Environmentally sensitive
iii Designating agency and date: City of Rochester, March 14, 1986

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

If Yes:

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

ii. Name: New York State Barge Canal Historic District

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

Historic infrastructure

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

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

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

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

If Yes:

i. Identify resource: Genesee River, NYS Barge Canal, Genesee Valley Park

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): River, historic district, park

iii Distance between project and resource: 0 miles.

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

If Yes:

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

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

F. Additional Information

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

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

G. Verification

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

Applicant/Sponsor Name Monroe County Date July 9, 2021

Signature _____ Title Director of Environmental Services

PRINT FORM

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Agency Use Only [If applicable]

Project: Genesee Valley Pump Station & Forcemain

Date: August 9, 2021

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

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

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

Tips for completing Part 2:

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

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)
If "Yes", answer questions a - j. If "No", move on to Section 2.

☐ NO ☑ 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	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☑	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: _____		☑	☐

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2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

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

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

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☐ NO ☑ YES

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

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

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l. Other impacts: _____		☑	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☑NO ☐YES

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

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

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☐NO ☑YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	☑	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☑	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☑	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☑	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☑	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☑	☐

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g. Other impacts: _____		☑	☐

6. Impacts on Air

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

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐NO ☑YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☑	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☑	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☑	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☑	☐

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

8. Impact on Agricultural Resources

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

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

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

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9. Impact on Aesthetic Resources
The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.) ☐NO ☑YES
If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☑	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☑	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	☑ ☑	☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	☑ ☑	☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☑	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½-3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☑	☐
g. Other impacts: Small, 20'x20' pump station building near park, and temporary impacts during construction.		☑	☐

10. Impact on Historic and Archeological Resources
The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) ☐NO ☑YES
If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☑	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☑	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E3g	☑	☐

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

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.)

☐ NO ☑ YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☑	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☑	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☑	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☑	☐
e. Other impacts: sanitary sewer forcemain to be located within easement through park land		☑	☐

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)

☐ NO ☑ YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
c. Other impacts: _____		☐	☐

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13. Impact on Transportation
The proposed action may result in a change to existing transportation systems. ☑ NO ☐ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

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

14. Impact on Energy
The proposed action may cause an increase in the use of any form of energy. ☑ NO ☐ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

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

15. Impact on Noise, Odor, and Light
The proposed action may result in an increase in noise, odors, or outdoor lighting. ☐ NO ☑ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

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

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d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: noise and odors during construction.		☑	☐

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☐ NO ☑ YES

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

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

15.05

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) ☑ NO ☐ YES

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

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

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) ☑ NO ☐ YES

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

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

PRINT FULL FORM

Agency Use Only [If Applicable]

15.36

Project: Genesee Valley Pump Station & Forcemain

Date: August 9, 2021

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 attached documentation supporting this determination

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

15.27

Upon review of the information recorded on this EAF, as noted, plus this additional support information
Full Environmental Assessment Form (FAF) Part 3 and the supporting documentation to the EAF and project maps.

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Monroe County 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: Genesee Valley Pump Station & Forcemain

Name of Lead Agency: Monroe County

Name of Responsible Officer in Lead Agency: Adam J. Bello

Title of Responsible Officer: Monroe County Executive

Signature of Responsible Officer in Lead Agency: Date: August 9, 2021

Signature of Preparer (if different from Responsible Officer) Lance Brabant - MRB Group Date: August 9, 2021

For Further Information:

Contact Person: Joseph VanKerkhove, P.E.

Address: 7100 City Place, 50 West Main Street, Rochester, NY 14614

Telephone Number: (585) 753-7544

E-mail: JosephVankerkhove@monroecounty.gov

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

PRINT FULL FORM

15.28

MONROE COUNTY

GENESEE VALLEY PUMP STATION AND FORCE MAIN PROJECT

ROCHESTER, NEW YORK

STATE ENVIRONMENTAL QUALITY REVIEW (SEQR)

FULL ENVIRONMENTAL ASSESSMENT FORMS (EAF)

PARTS 2-3 & SUPPORTING INFORMATION

AUGUST 2021

Prepared by

MRB | group
Engineering, Architecture & Surveying, D.P.C.

THE CULVER ROAD ARMORY
145 CULVER ROAD, SUITE 160, ROCHESTER, NEW YORK 14620
TELEPHONE: (585) 381-9250 FACSIMILE: (585) 381-1008

Note: All potential impacts that have been identified in the Full EAF Part 2 as No or Small Impacts have been described in this document. Numbering is consistent as outlined in Full EAF Part 2.

1. **IMPACT OF LAND** – The proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)

   f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).

   - Small portions of the project will be stripped of vegetation and bare soils will be exposed during construction (approximately six months). These areas could be susceptible to potential erosion, with the potential of discharge of sediment into the existing waterways. However, approved erosion and sediment control measures as outlined in the design plans will be implemented during construction. Erosion and sediment control measures will be inspected to ensure proper installation and function throughout the construction phase.

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)

   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.

   - The proposed action is adjacent to the Genesee River and the NYS Barge Canal. The proposed action will involve directional drilling underneath the Genesee River, but will not include construction in the river nor along the riverbank. Extensive coordination with NYSDEC has begun regarding the proposed action. The proposed action will meet all NYSDEC and USACOE requirements, and Monroe County will obtain all required permits. Please see the attached New York State Department of Environmental Conservation Wetland Mapping, which shows that the proposed project area is not within or adjacent to any mapped wetlands, and as such, no impacts to wetlands will occur.

   e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.

   - Small portions of the project, outside of waterbodies and wetlands, will be stripped of vegetation and bare soils will be exposed during construction (approximately six months). Any potential impacts to these waterbodies will be minimized through the use of erosion and sediment controls designed in accordance with the 2016 New York Standards and Specifications for Erosion and Sediment Control, and in accordance with the project plans and all permit requirements. The project also includes directional drilling underneath the Genesee River at a depth that is not expected to disturb bottom sediments. However, a geotechnical evaluation, as required by NYSDEC, is being performed to confirm that the directional drilling will not create turbidity in a waterbody. In the event the geotechnical evaluation does not conclusively rule out the potential for turbidity, any potential impact(s) will be mitigated prior to the construction phase through the permitting process with NYSDEC and USACOE.

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.*

- Small portions of the project will be stripped of vegetation and bare soils will be exposed during construction (approximately six months). These areas could be susceptible to potential erosion, with the potential of discharge of sediment into the existing waterways. Approved erosion and sediment control measures as outlined in the design plans will be implemented during construction. Erosion and sediment control measures will be inspected to ensure proper installation and function throughout the construction phase.

i. *The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.*

- Small portions of the project may be susceptible to potential erosion during construction with the potential of discharge of sediment into existing waterways. Erosion and control measures will be designed and installed per the requirements set forth in the latest edition (2016) of the New York Standards and Specifications for Erosion and Sediment Control, and in compliance with all permits.

5. **IMPACT ON FLOODING** - The proposed action may result in development on lands subject to flooding. (See Part 1. E.2.)

a. The proposed action may result in development in a designated floodway.

b. The proposed action may result in development within a 100 year floodplain.

c. The proposed action may result in development within a 500 year floodplain.

- A portion of the project will be constructed within a designated floodway, and the 100 year and 500 year floodplains. However, no structures, permanent increases in impervious areas, nor permanent modifications to drainage patterns are proposed within the floodplains and floodway. Appropriate drainage measures will be installed during construction. The project will meet all NYSDEC requirements to assure that erosion and sedimentation, if any, are managed throughout the construction phase.

7. **IMPACT ON PLANTS AND ANIMALS** - The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q)

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.*

j. *Other impacts: freshwater mussels.*

- The portion of the Genesee River within the project area likely contains S1 and S2 freshwater mussels. A geotechnical evaluation, as required by NYSDEC, is being performed to determine that the directional drilling will not result in a reduction or degradation of any habitat. Coordination is ongoing with NYSDEC to ensure that any impacts of the proposed action are minimized.

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.)

   d. The situation or activity in which viewers are engaged while viewing the proposed action is:

   ii. Recreational or tourism based activities

   e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.

   - Portions of the proposed project area include Genesee Valley Park, the Genesee River, and the NYS Barge Canal Historic District. The proposed pump station is the only above-ground structure that will not be flush with the surface. Any potential visual impact of the pump station will be mitigated by setting the pump back from the park and outside the NYS Barge Canal Historic District on land currently owned by the University of Rochester. Trees and other existing vegetative screening will be preserved where possible to screen the station from the park and historic district. Construction activities may temporarily impact enjoyment of these resources due to increased noise, odors, and traffic during; however, these temporary impacts will be minimized by limiting construction to standard hours (Monday-Friday).

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.)

   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.

   - Portions of the proposed project area include Genesee Valley Park, the Genesee River, and the NYS Barge Canal Historic District. The proposed pump station is the only above-ground structure that will not be flush with the surface. Any potential visual impact of the pump station will be mitigated by setting the pump back from the park and outside the NYS Barge Canal Historic District on land currently owned by the University of Rochester. Trees and other existing vegetative screening will be preserved where possible to screen the station from the park and historic district. As such, the project is not expected to have a permanent impact on historic or archaeological resources. However, a consultation project has been submitted using the SHPO Cultural Resource Information System (CRIS) website. No response has been received from NYS SHPO as of yet. Construction will not commence unless and until we receive a determination that the project will have No Effect or No Adverse Effect on historic/cultural properties.

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.*

- The project is located within archeological sensitive areas. However, a majority of the work will occur approximately thirty (30) feet underground and surface work will be performed in previously disturbed soils. As such, the project is not expected to have a permanent impact on historic or archaeological resources. However, a consultation project has been submitted using the SHPO Cultural Resource Information System (CRIS) website. No response has been received from NYS SHPO as of yet. Construction will not commence unless and until we receive a determination that the project will have No Effect or No Adverse Effect.

11. **IMPACT ON OPEN SPACE AND RECREATION** – The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (Part 1. C.2.c, E.1.c, E.2.q.)

e. *Other impacts: sanitary sewer facilities to be located within easement through park land.*

- The proposed project includes installation of sanitary sewer facilities and the conveyance of a sanitary sewer easement through Genesee Valley Park and under the Genesee River. This may limit future sub-surface park uses within the sanitary sewer easement itself, but such impact will be mitigated by the fair market value of the easement being determined and dedicated toward the acquisition of additional parkland and/or the capital improvements of existing park facilities during the parkland alienation process. Construction activities may temporarily impact small areas in the park; however, these areas will be restored and continued to be used for park purposes post-construction. Accordingly, no permanent impacts from construction are expected and no loss of recreational opportunities or a reduction of an open space resource will occur.

12. **IMPACT ON CRITICAL ENVIRONMENTAL AREAS** – The proposed action may be located within or adjacent to a critical environmental area (CEA). (Part 1. E.3.d.)

e. *Other impacts: project site is located within or adjacent to Critical Environmental Areas.*

- The proposed project is located within or adjacent to a Critical Environmental Area designated by the City of Rochester on March 14, 1986, on the basis of being an environmentally sensitive area. Coordination with NYSDEC is ongoing, and the project will comply with all required environmental permits and NYSDEC standards.

15. **IMPACT ON NOISE, ODOR, AND LIGHT** - The proposed action may result in an increase in noise, odors, or outdoor lighting. (See Part 1.D.2.m.,n., and o)

f. *Other impacts: noise and odors during construction.*

- Noise levels may exceed ambient conditions during the construction phase, and mobile sources associated with construction may temporarily emit air emissions and/or odors. However, these impacts will be small to moderate and would be temporary in nature. Construction activities will be limited to the days and times allowed by local regulation.

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.)

m. Other impacts: Spills Incident Database indicates previously closed spills incidents in project site or vicinity.

- The NYSDEC Spills Incident Database indicates that spills were reported within the project site or within the vicinity of the project site. All spill incidents found in the database have been closed by NYSDEC. If any signs of contaminated soils are encountered the project will stop work and NYSDEC will be contacted.

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)

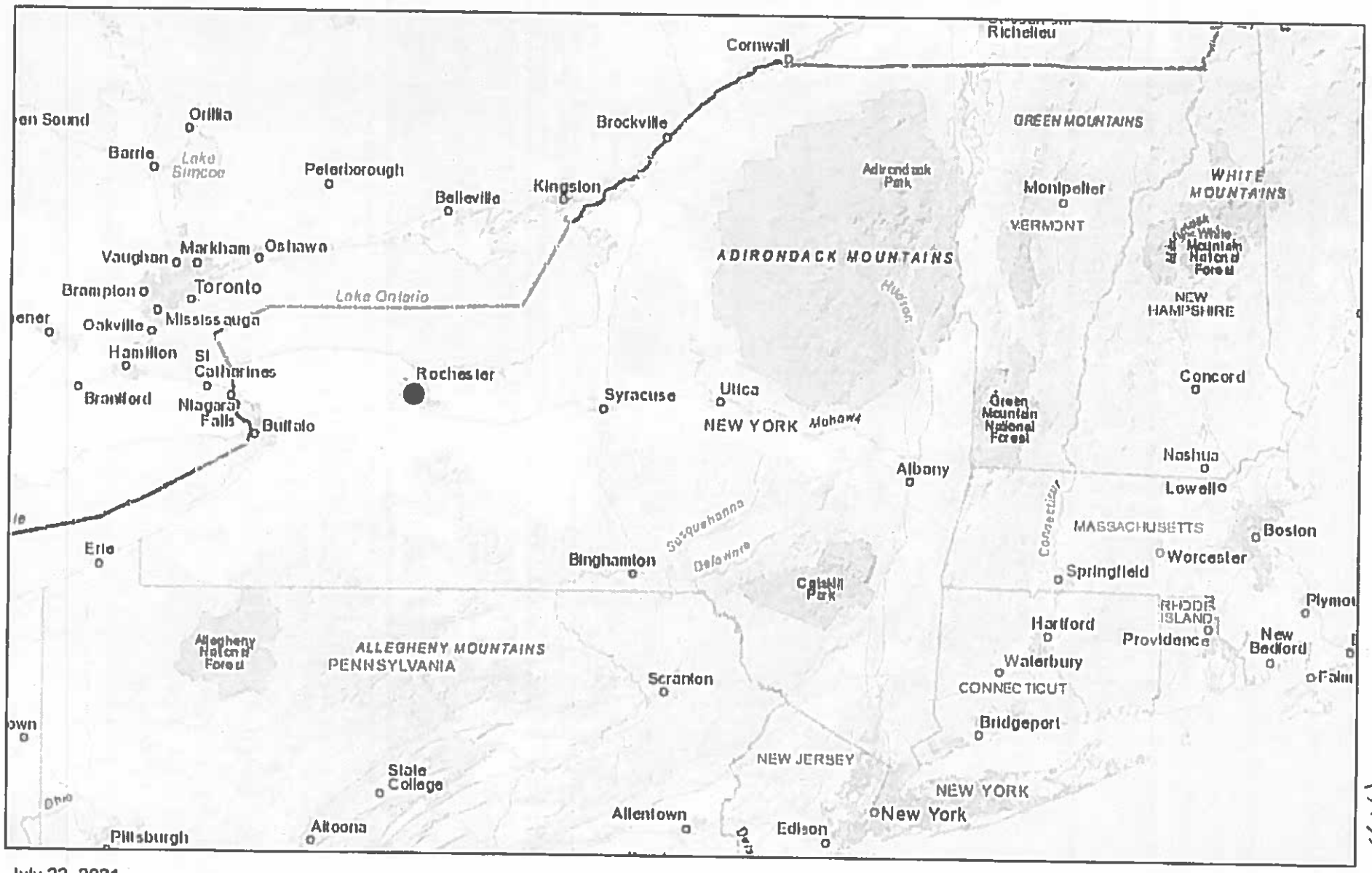
- The Project is consistent with the existing community character. However, it is possible that expanding sewer capacity within the Wilson Boulevard Trunk sewer sewershed could have a secondary impact of inducing growth in the area. Given that the sewershed is already developed, though, any such growth would most likely be limited to small-scale infill of urban or suburban lots, consistent with applicable zoning laws and the City of Rochester's comprehensive plan. Conversely, in the event large-scale development is proposed, such as the University of Rochester's emergency room expansion, any impacts would be reviewed and, if necessary, mitigated as part of the development's approval requirements.

SUPPORTING DOCUMENTATION

PROJECT MAPS

- PROJECT LOCATION MAP
- PROJECT CONCEPT MAPS
- CULTURAL RESOURCES MAPS
- FLOOD MAPS
- WATER/ENVIRONMENTAL RESOURCES MAPS
- NYSDEC ENVIRONMENTAL RESOURCE MAPPER RESULTS
- NYSDEC SPILLS INCIDENTS DATABASE RESULTS
- NYSDEC ENVIRONMENTAL JUSTICE MAP
- NRCS SOIL REPORT

Genesee Valley Pump Station Location Map



July 22, 2021

1:4,622,324

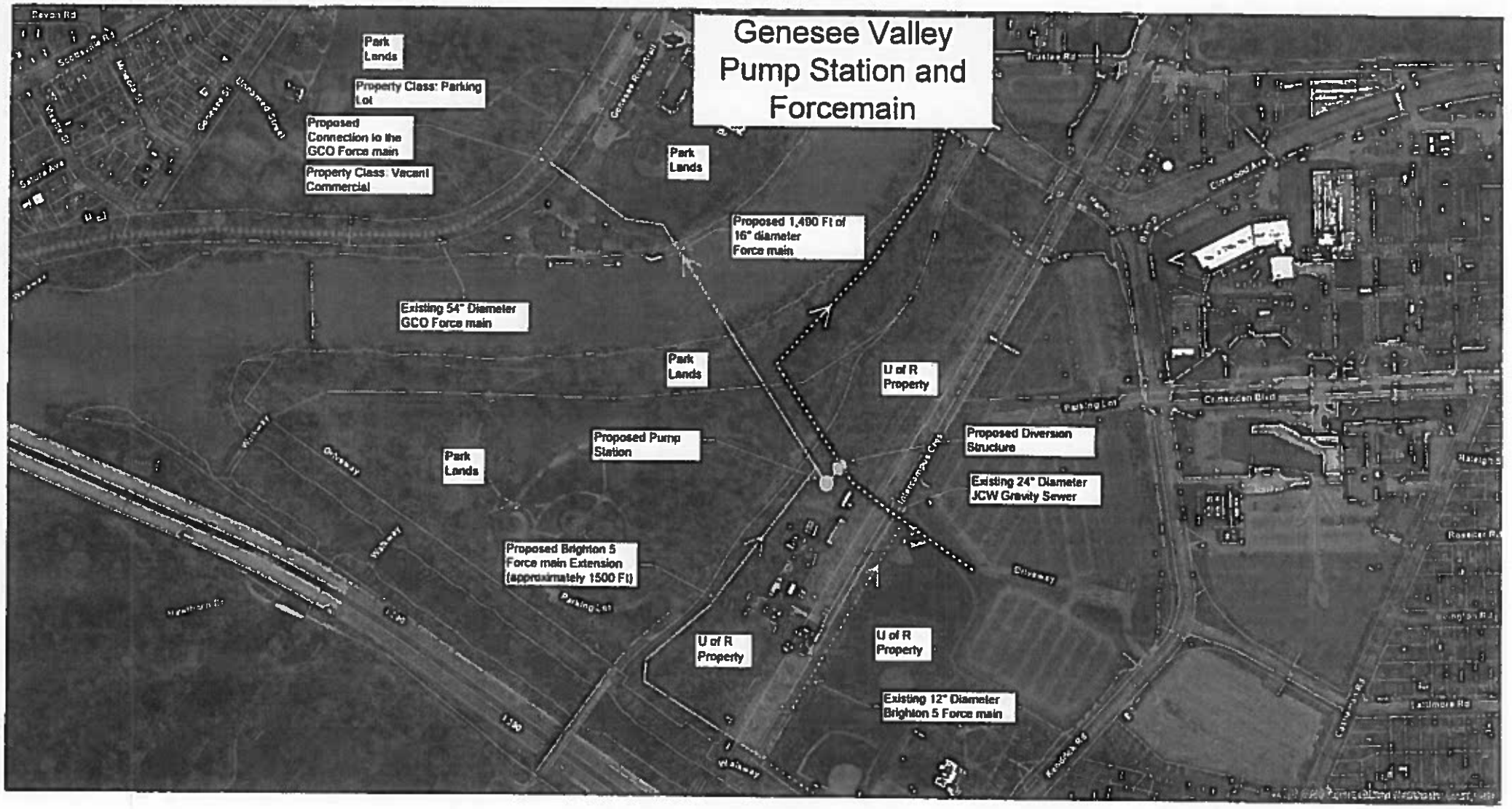
0 25 50 100 mi

0 45 90 180 km

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

NYS Department of Environmental Conservation
Not a legal document

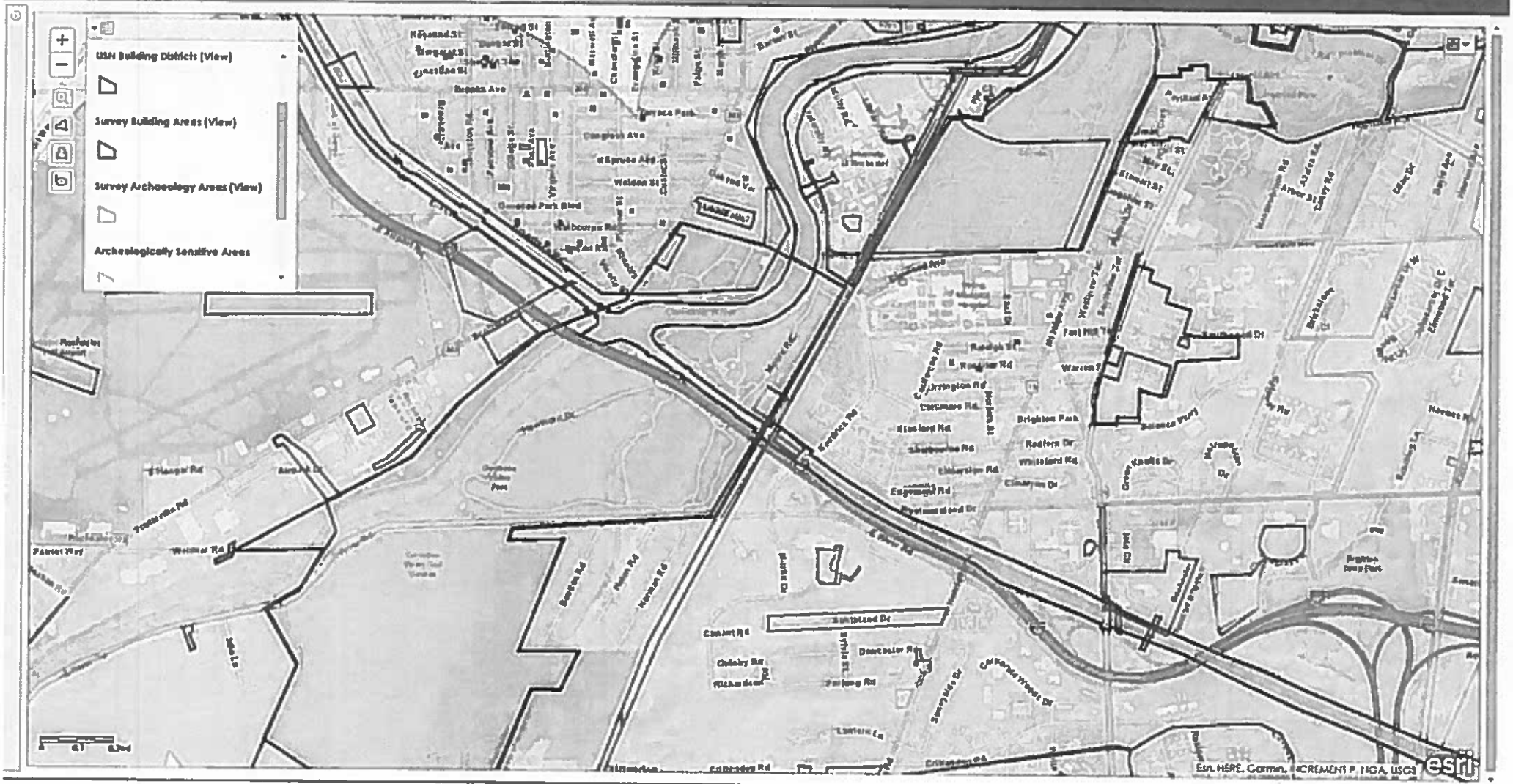
1 of 35


Genesee Valley
Pump Station and
Forcemain
Park
Lands
Property Class: Parking
Lot
Proposed
Connection to the
GCO Force main
Property Class: Vacant
Commercial
Park
Lands
Proposed 1,490 Ft of
16" diameter
Force main
Existing 54" Diameter
GCO Force main
Park
Lands
U of R
Property
Proposed Pump
Station
Park
Lands
Proposed Diversion
Structure
Existing 24" Diameter
JCW Gravity Sewer
Proposed Brighton 5
Force main Extension
(approximately 1500 Ft)
U of R
Property
U of R
Property
Existing 12" Diameter
Brighton 5 Force main

16.36

CRIS

HOME SUBMIT SEARCH COMMUNICATE



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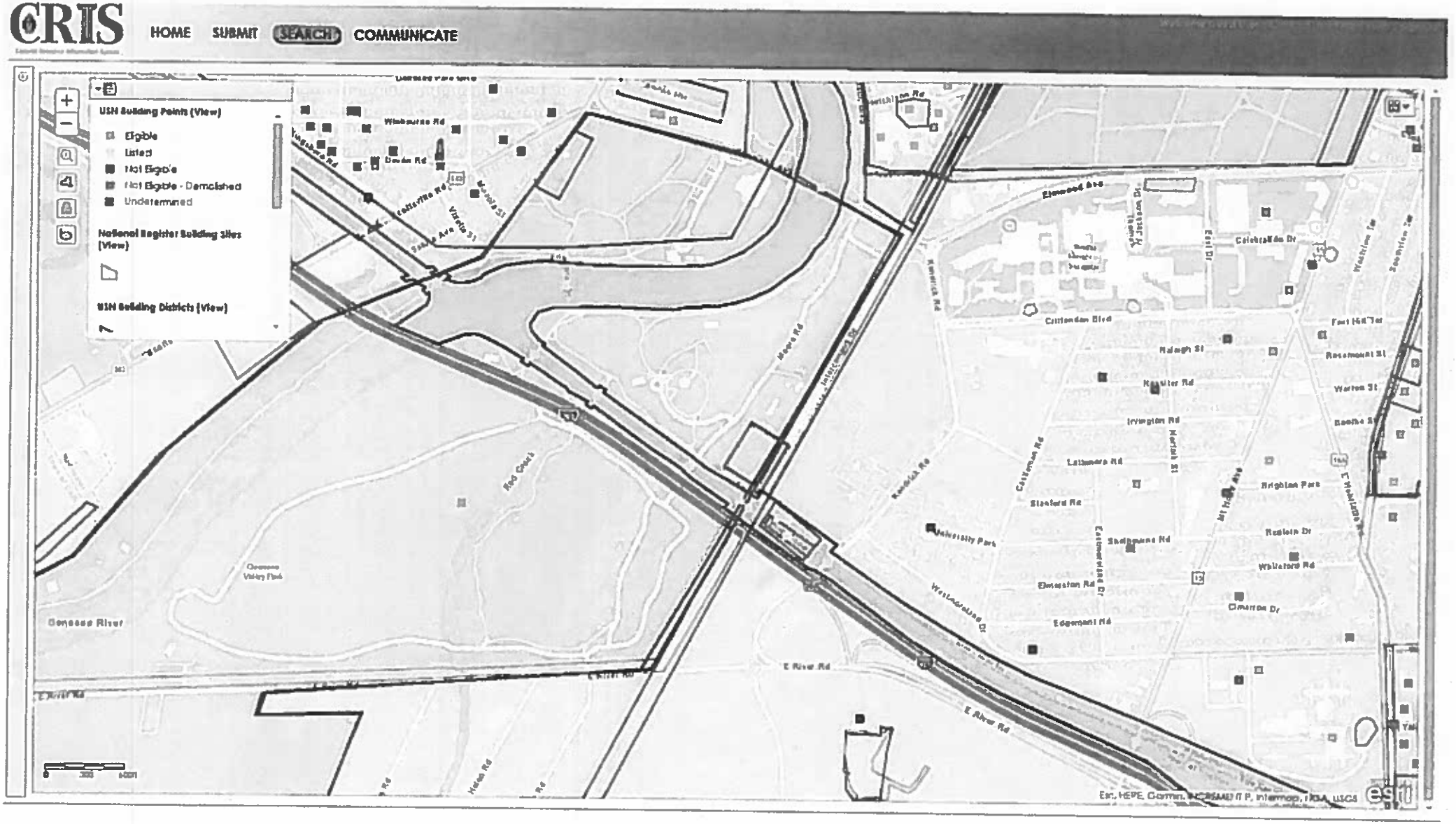
CRIS
HOME
SUBMIT
SEARCH
COMMUNICATE
USN Building Points (View)
Eligible
Listed
Not Eligible
Not Eligible - Demolished
Undetermined
National Register Building Sites (View)
USN Building Districts (View)
Genesee River
E River Rd
Winbourne Rd
Dexter Rd
Virginia St
Meyer Rd
Red Coach
Rochester Rd
Elmwood Ave
Culbertson Blvd
Raleigh St
Rossmount St
Warton St
Irvington Rd
Lattimore Rd
Stanford Rd
Shelbourne Rd
Elmerston Rd
Edgemont Rd
Cameron Dr
Wallaston Rd
Brighton Park
Esri, HERE, Garmin, FAO, NOAA, USGS

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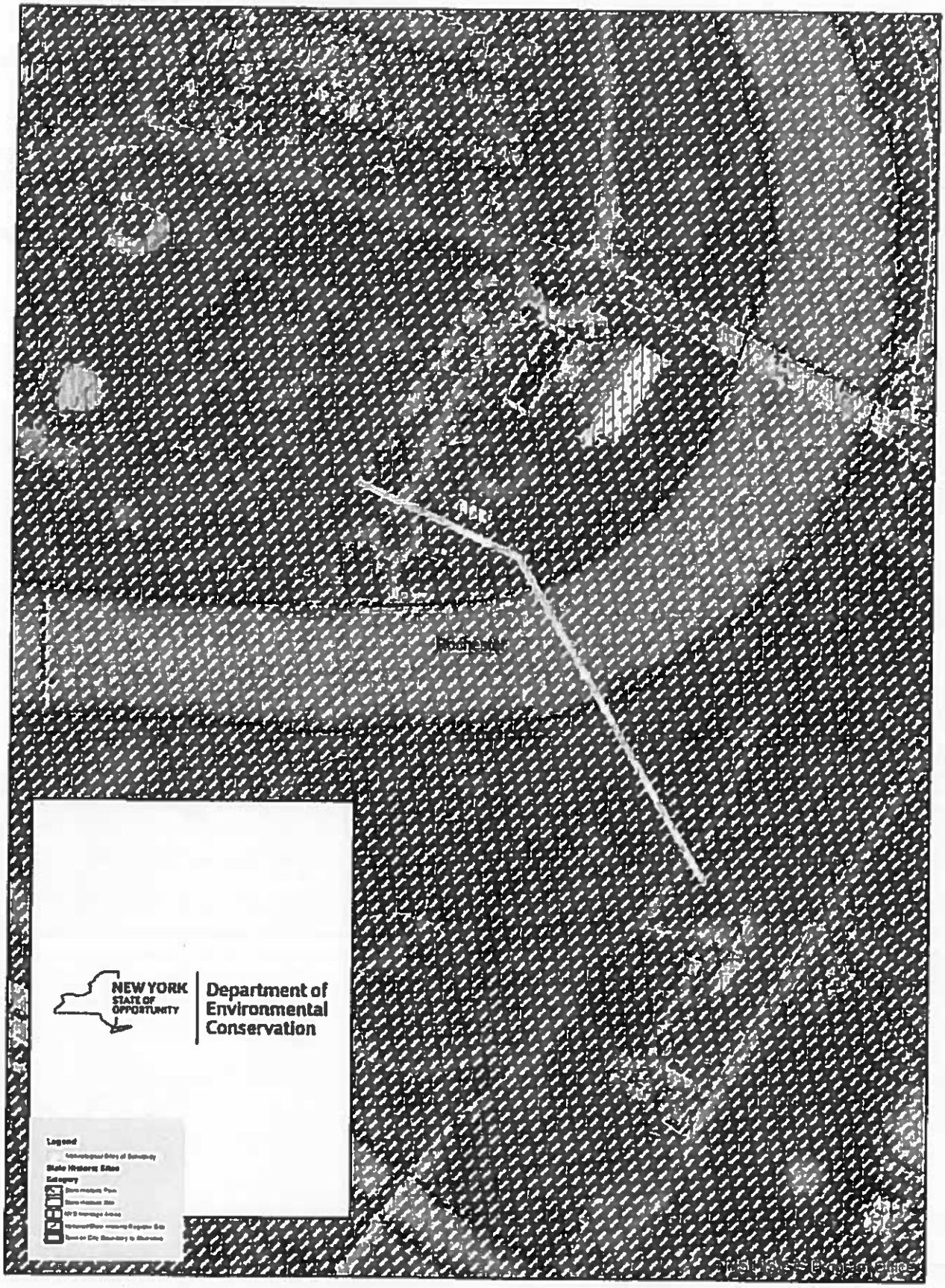
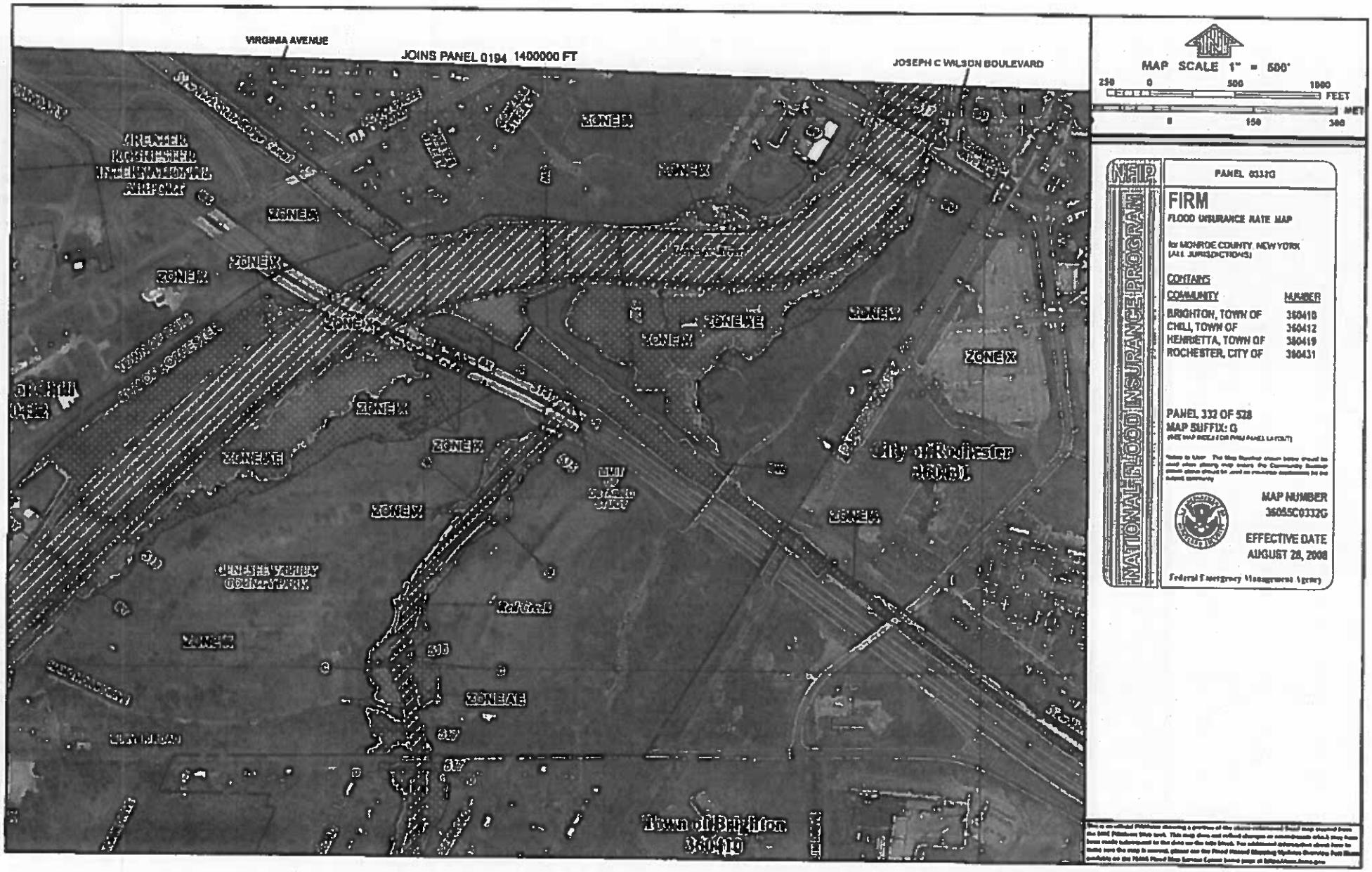
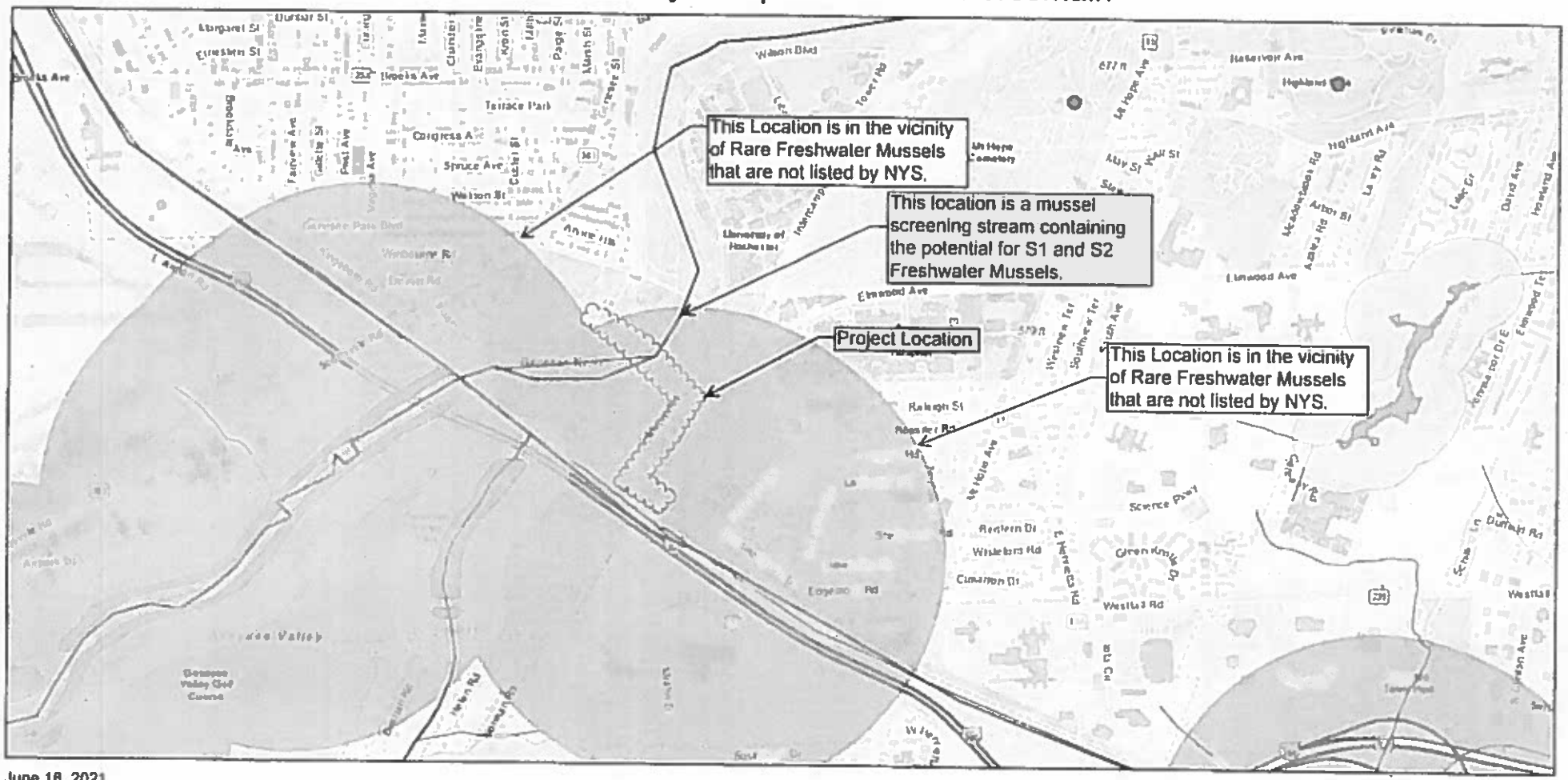

NEW YORK
STATE OF
OPPORTUNITY
Department of
Environmental
Conservation
Legend
State Historic Sites
Category


VIRGINIA AVENUE
JOINS PANEL 0194 1400000 FT
JOSEPH C WILSON BOULEVARD
ZONE X
ZONE AE
City of Rochester
360081
Town of Brighton
360410
MAP SCALE 1" = 500'
250 0 500 1000 FEET
0 150 300 METERS
NATIONAL FLOOD INSURANCE PROGRAM
PANEL 0332G
FIRM
FLOOD INSURANCE RATE MAP
for MONROE COUNTY, NEW YORK
(ALL JURISDICTIONS)
CONTAINS
COMMUNITY NUMBER
BRIGHTON, TOWN OF 360410
CHILI, TOWN OF 360412
HENRIETTA, TOWN OF 360419
ROCHESTER, CITY OF 360431
PANEL 332 OF 528
MAP SUFFIX: G
MAP NUMBER
36055C0332G
EFFECTIVE DATE
AUGUST 28, 2008
Federal Emergency Management Agency

15,40

Genesee Valley Pump Station and Forcemain



June 16, 2021

1:18,056

0 0.15 0.3 0.6 mi

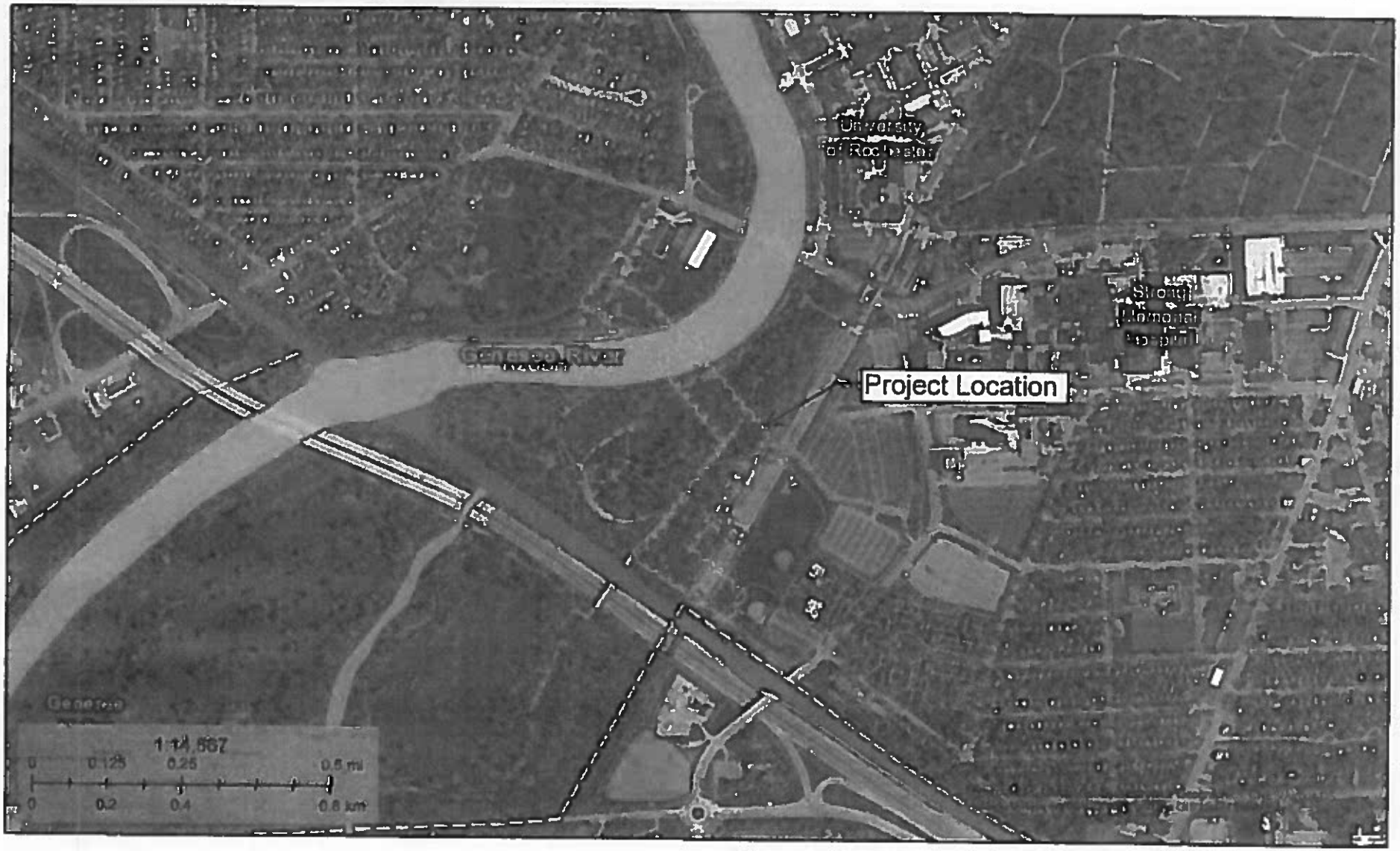
0 0.25 0.5 1 km

NYS Department of Environmental Conservation
Not a legal document

U.S. Fish and Wildlife Service

National Wetlands Inventory

Genesee Valley Pump Station and Forcem



June 18, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

15 of 18

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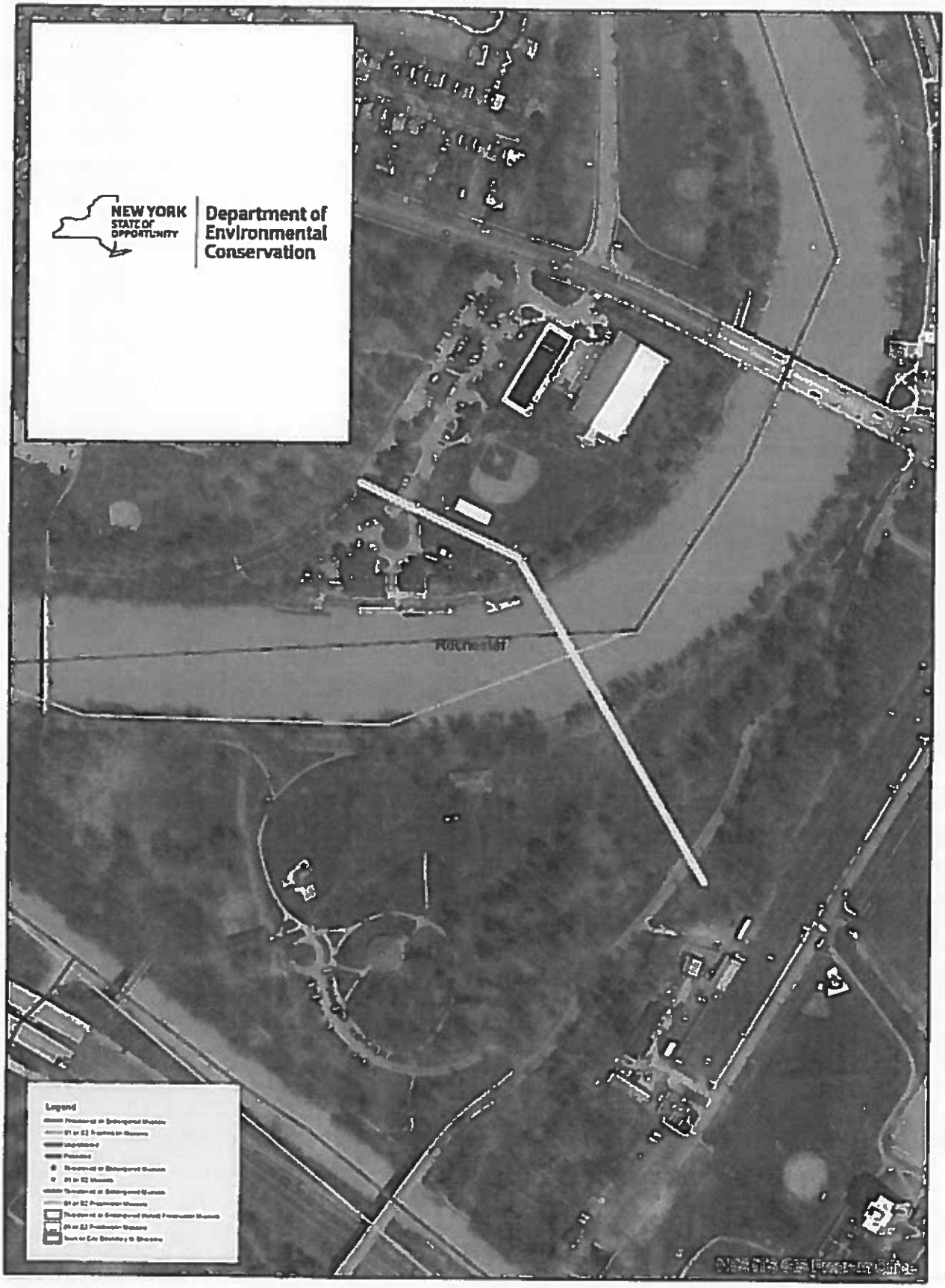
NEW YORK
STATE OF
OPPORTUNITY
Department of
Environmental
Conservation
Legend

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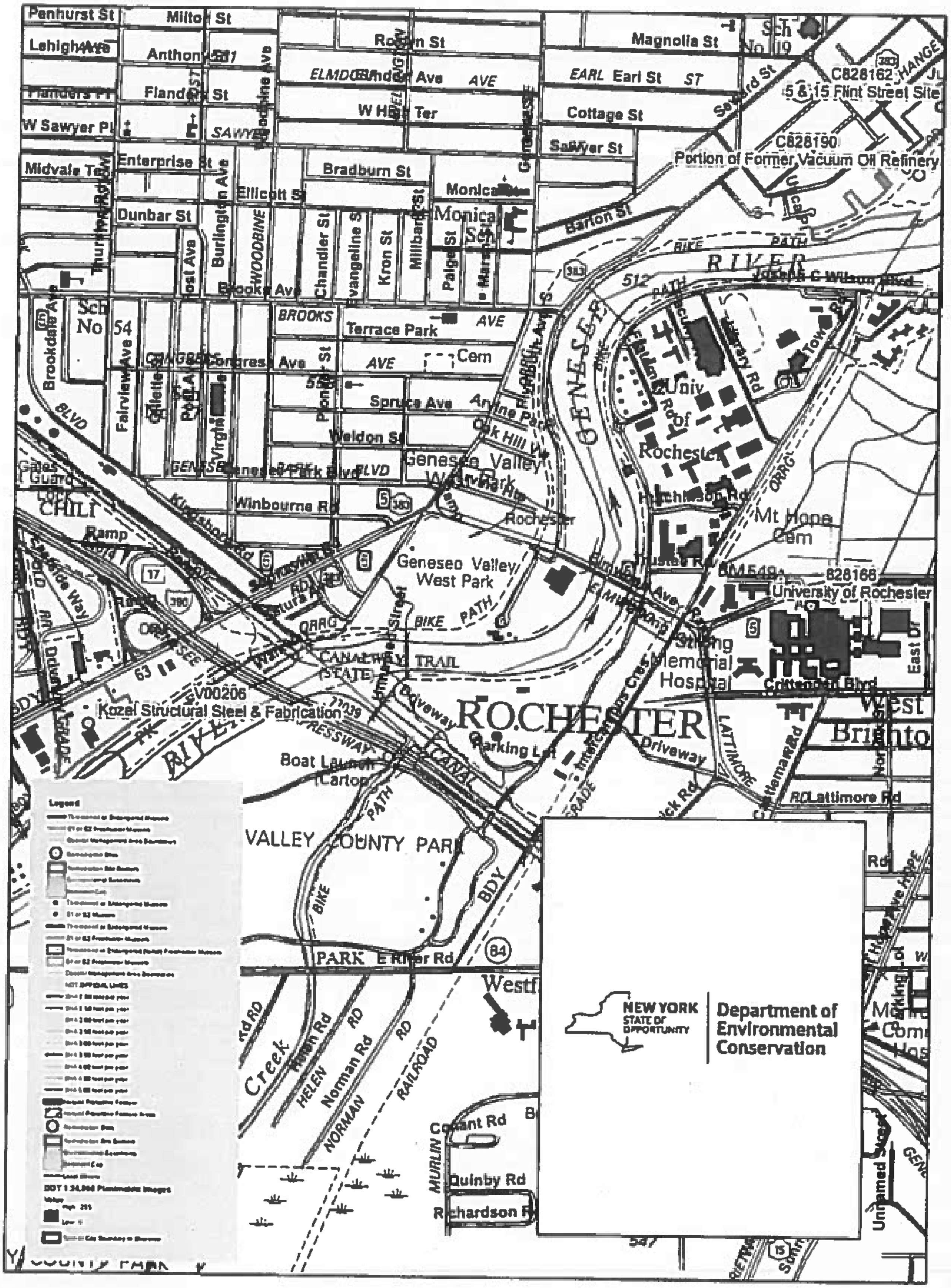

Penhurst St
Milton St
Lehigh Ave
Anthony St
Flanders Pl
W Sawyer Pl
Midvale Ter
Enterprise St
Bradburn St
Ellicott St
Dunbar St
Monica Sch
Barton St
Magnolia St
EARL Earl St ST
Cottage St
Sawyer St
W High Ter
Roslyn St
Sch No 19
C828162
5 & 15 Flint Street Site
C828190
Portion of Former Vacuum Oil Refinery
BIKE PATH
RIVER
Joseph C Wilson Blvd
Brookdale Ave
Sch No 54
Fairview Ave
BROOKS AVE
Terrace Park
Cem
Congress Ave
Spruce Ave
Weldon St
Genesee Park Blvd
Genesee Valley
Winbourne Rd
Brooks Ave
Chandler St
Kron St
Millbank St
Paige St
GENESEE
Univ of Rochester
Library Rd
Hutchison Rd
Mt Hope Cem
BM549
828166
University of Rochester
Strong Memorial Hospital
Crittenden Blvd
East Dr
Geneseo Valley West Park
BIKE PATH
CANALWAY TRAIL (STATE)
V00206
Kozel Structural Steel & Fabrication
ROCHESTER
Parking Lot
Driveway
Intercampus Dr
LATTIMORE
Lattimore Rd
West Brighton
Boat Launch (Carton)
VALLEY COUNTY PARK
PARK E River Rd
Westfall
Norman Rd
NORMAN RD
RAILROAD
Creek
HELEN
Conant Rd
Quinby Rd
Richardson Rd
MURLIN
Unnamed Street
Mt Hope Ave
Legend
NEW YORK STATE OF OPPORTUNITY
Department of Environmental Conservation

Environmental Resource Mapper

15.45

The coordinates of the point you clicked on are:

UTM 18	**Easting:**	285653.5227085228	**Northing:**	4777768.715553621
Longitude/Latitude	**Longitude:**	-77.63492208800072	**Latitude:**	43.122329184005814

The approximate address of the point you clicked on is:
Genesee Valley Park

County: Monroe
City: Rochester
USGS Quad: WEST HENRIETTA

Waterbody Classifications for Rivers/Streams

Regulation: 820-2
Standard: B
Classification: B

Rare Plants and Rare Animals

This location is in the vicinity of Rare Freshwater Mussels – Not Listed by NYS

National Wetands Inventory

Attribute: R2UBH
Type: Riverine
Acres: 1672.468639649

15.46

For more information about the National Wetands Inventory wetlands visit http://www.fws.gov/wetlands/

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

If your project or action is within or near an area with rare plants and/or significant natural communities, the environmental impacts may need to be addressed.

The presence of a unique geological feature or landform near a project, unto itself, does not trigger a requirement for a NYS DEC permit. Readers are advised, however, that there is the chance that a unique feature may also show in another data layer (ie. a wetland) and thus be subject to permit jurisdiction.

Please refer to the "Need a Permit?" tab for permit information or other authorizations regarding these natural resources.

Disclaimer: If you are considering a project or action in, or near, a wetland or a stream, a NYS DEC permit may be required. The Environmental Resources Mapper does not show all natural resources which are regulated by NYS DEC, and for which permits from NYS DEC are required. For example, Regulated Tidal Wetlands, and Wild, Scenic, and Recreational Rivers, are currently not included on the maps.

1547

Environmental Resource Mapper

The coordinates of the point you clicked on are:

UTM 18	**Easting:**	285467.10668503377	**Northing:**	4777869.472104219
Longitude/Latitude	**Longitude:**	-77.63725024542545	**Latitude:**	43.12318274984106

The approximate address of the point you clicked on is:
140 Elmwood Ave, Rochester, New York, 14611

County: Monroe
City: Rochester
USGS Quad: WEST HENRIETTA

Rare Plants and Rare Animals

This location is in the vicinity of Rare Freshwater Mussels – Not Listed by NYS

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

If your project or action is within or near an area with rare plants and/or significant natural communities, the environmental impacts may need to be addressed.

The presence of a unique geological feature or landform near a project, unto itself, does not trigger a requirement for a NYS DEC permit. Readers are advised, however, that there is the chance that a unique feature may also show in another data layer (ie. a wetland) and thus be subject to permit jurisdiction.

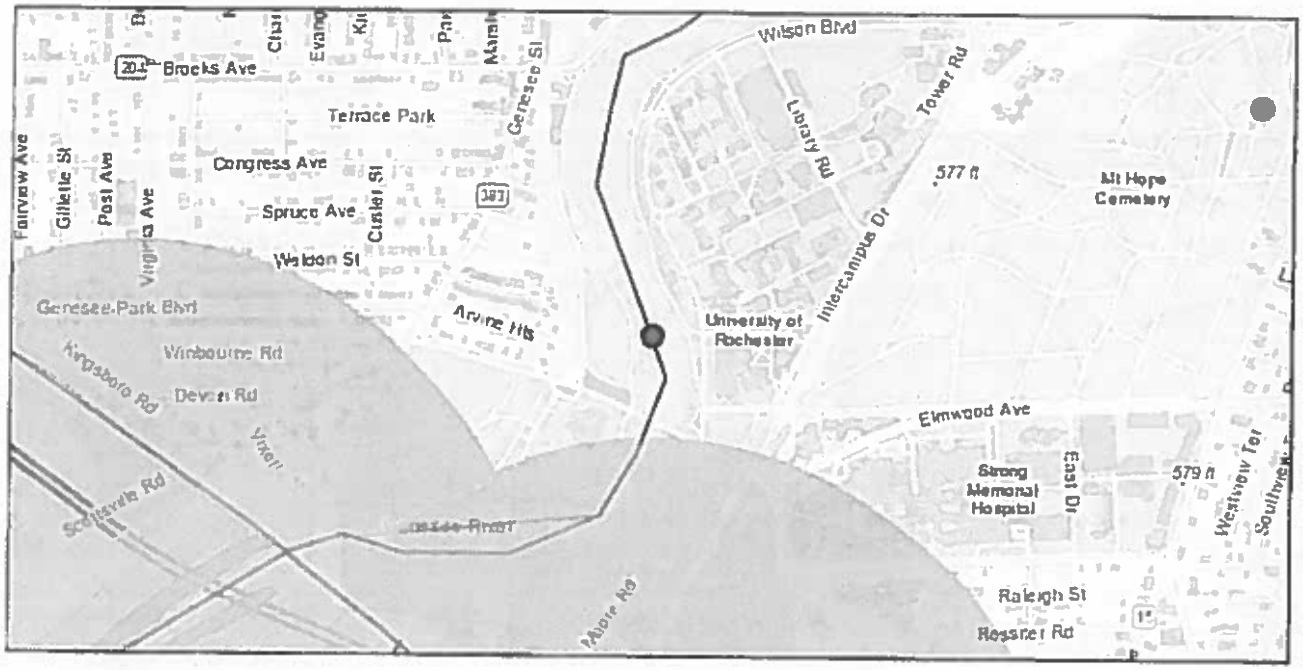
Please refer to the "Need a Permit?" tab for permit information or other authorizations regarding these natural resources.

18.48

Disclaimer: If you are considering a project or action in, or near, a wetland or a stream, a NYS DEC permit may be required. The Environmental Resources Mapper does not show all natural resources which are regulated by NYS DEC, and for which permits from NYS DEC are required. For example, Regulated Tidal Wetlands, and Wild, Scenic, and Recreational Rivers, are currently not included on the maps.

15.49

Environmental Resource Mapper



The coordinates of the point you clicked on are:

UTM 18	**Easting:**	285840.04939803015	**Northing:**	4778159.3930390645
Longitude/Latitude	**Longitude:**	-77.63278232611368	**Latitude:**	43.125896233332405

The approximate address of the point you clicked on is:
Highland, Rochester, New York

County: Monroe
City: Rochester
USGS Quad: ROCHESTER WEST

Waterbody Classifications for Rivers/Streams

Regulation: 820-2
Standard: B
Classification: B

Mussel Screening Streams

Waterbody: Genesee River
Screening: S1 or S2 Freshwater Mussels
Fisheries Index Number: ONT-117

Please contact NYSDEC Regional Office if you plan to disturb the bed or banks of this waterbody.

National Wetands Inventory

15.30

Attribute: R2UBH
Type: Riverine
Acres: 1672.468639649

For more information about the National Wetands Inventory wetlands visit http://www.fws.gov/wetlands/

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

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Disclaimer: If you are considering a project or action in, or near, a wetland or a stream, a NYS DEC permit may be required. The Environmental Resources Mapper does not show all natural resources which are regulated by NYS DEC, and for which permits from NYS DEC are required. For example, Regulated Tidal Wetlands, and Wild, Scenic, and Recreational Rivers, are currently not included on the maps.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9209279

Spill Date/Time

Spill Date: 10/29/1992 **Spill Time:** 12:30:00 PM
Call Received Date: 10/29/1992 **Call Received Time:** 12:45:00 PM

Location

Spill Name: GENESEE VALLEY PARK GRNDS
Address: 1 MOORE ROAD
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#2 fuel oil	UNKNOWN	Soil

Cause: Other
Source: Institutional, Educational, Gov., Other
Waterbody:

Record Close

Date Spill Closed: 03/09/1995

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 1404845

Spill Date/Time

Spill Date: 08/04/2014 **Spill Time:** 06:36:00 PM
Call Received Date: 08/04/2014 **Call Received Time:** 06:36:00 PM

Location

Spill Name: GENESEE RIVER
Address: ROUTE 390 & MOORE ROAD
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Surface Water

Cause: Unknown
Source: Unknown
Waterbody:

Record Close

Date Spill Closed: 08/05/2014

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 8401695

Spill Date/Time

Spill Date: 09/26/1984 **Spill Time:** 08:00:00 AM
Call Received Date: 09/26/1984 **Call Received Time:** 08:57:00 AM

Location

Spill Name: GENESEE RIVER/ ELMWOOD AV
Address: GENESEE RIVER @ ELMWOOD
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Unknown
Source: Unknown
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 06/01/1986

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 8707022

Spill Date/Time

Spill Date: 11/17/1987 **Spill Time:** 12:30:00 PM
Call Received Date: 11/17/1987 **Call Received Time:** 12:50:00 PM

Location

Spill Name: GENESEE RIVER (ELMWOOD)
Address: GENESEE RIVER (ELMWOOD)
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Surface Water
unknown hazardous material	UNKNOWN	Surface Water

Cause: Unknown
Source: Unknown
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 11/19/1987

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9104503

Spill Date/Time

Spill Date: 07/25/1991 **Spill Time:** 10:00:00 AM
Call Received Date: 07/25/1991 **Call Received Time:** 11:05:00 AM

Location

Spill Name: ELMWOOD FOOT BRIDGE
Address: ELMWOOD AVENUE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Housekeeping
Source: Commercial/Industrial
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 07/25/1991

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9107382

Spill Date/Time

Spill Date: 10/08/1991 **Spill Time:** 06:30:00 PM
Call Received Date: 10/08/1991 **Call Received Time:** 07:00:00 PM

Location

Spill Name: GENESEE VALLEY PARK
Address: ELMWOOD
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Deliberate
Source: Commercial/Industrial
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 10/30/1991

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9205413

Spill Date/Time

Spill Date: 08/07/1992 **Spill Time:** 08:29:00 PM
Call Received Date: 08/07/1992 **Call Received Time:** 09:30:00 PM

Location

Spill Name: GENESEE RIVER
Address: ELMWOOD AVENUE BRIDGE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Surface Water

Cause: Unknown
Source: Unknown
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 08/10/1992

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9608968

Spill Date/Time

Spill Date: 10/18/1996 **Spill Time:** 12:50:00 PM
Call Received Date: 10/18/1996 **Call Received Time:** 01:06:00 PM

Location

Spill Name: GENESEE VALLEY PARK
Address: 100 ELMWOOD AVENUE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Soil

Cause: Unknown
Source: Institutional, Educational, Gov., Other
Waterbody:

Record Close

Date Spill Closed: 10/15/1999

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 0070164

Spill Date/Time

Spill Date: 06/09/2000 **Spill Time:** 11:05:00 AM
Call Received Date: 06/09/2000 **Call Received Time:** 11:05:00 AM

Location

Spill Name: GENESEE VALLEY PARK BOAT
Address: 131 ELMWOOD AVENUE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Soil

Cause: Unknown
Source: Unknown
Waterbody:

Record Close

Date Spill Closed: 02/26/2003

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 0904948

Spill Date/Time

Spill Date: 07/29/2009 **Spill Time:** 11:36:00 AM
Call Received Date: 07/29/2009 **Call Received Time:** 11:36:00 AM

Location

Spill Name: GENESEE RIVER AT ELMWOOD AVE BRIDGE
Address: ELMWOOD AVENUE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Unknown
Source: Unknown
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 07/31/2009

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 1806378

Spill Date/Time

Spill Date: 09/13/2018 **Spill Time:** 10:00:00 AM
Call Received Date: 09/13/2018 **Call Received Time:** 11:56:00 AM

Location

Spill Name: ON GRASS & GRAVEL
Address: EAST SIDE ELMWOOD AVE & 390 EXPRESSWAY
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
hydraulic oil	10 Gal.	Soil , Impervious Surface

Cause: Equipment Failure
Source: Institutional, Educational, Gov., Other
Waterbody:

Record Close

Date Spill Closed: 09/28/2018

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

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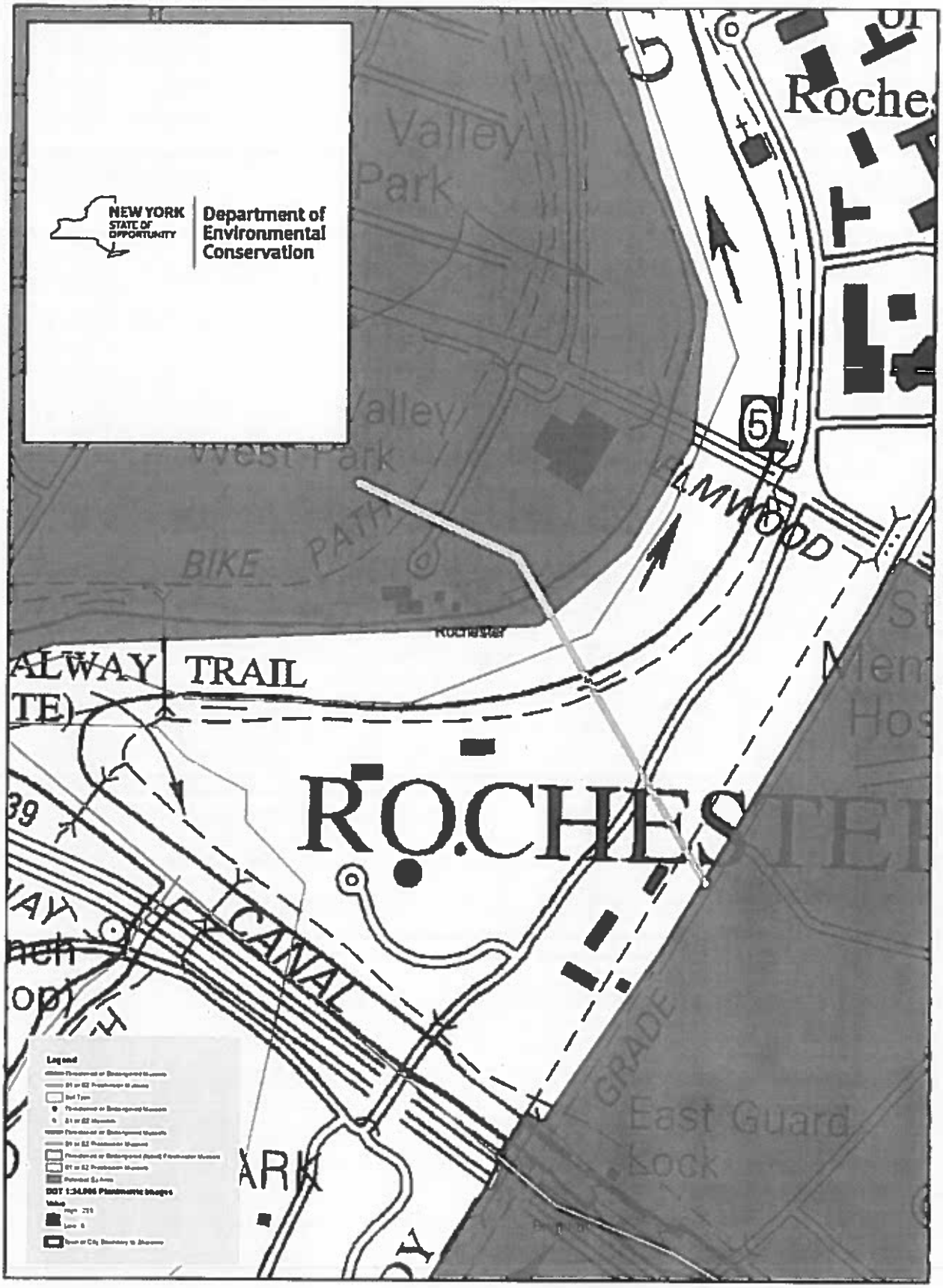
NEW YORK
STATE OF OPPORTUNITY
Department of Environmental Conservation
Valley Park
West Park
BIKE PATH
Roche
5
AMWOOD
ALWAY TRAIL
TE)
ROCHES
CANAL
GRADE
East Guard Lock
Legend

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United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Monroe County, New York

Genesee Valley PS and FM

June 18, 2021

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Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

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Contents

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

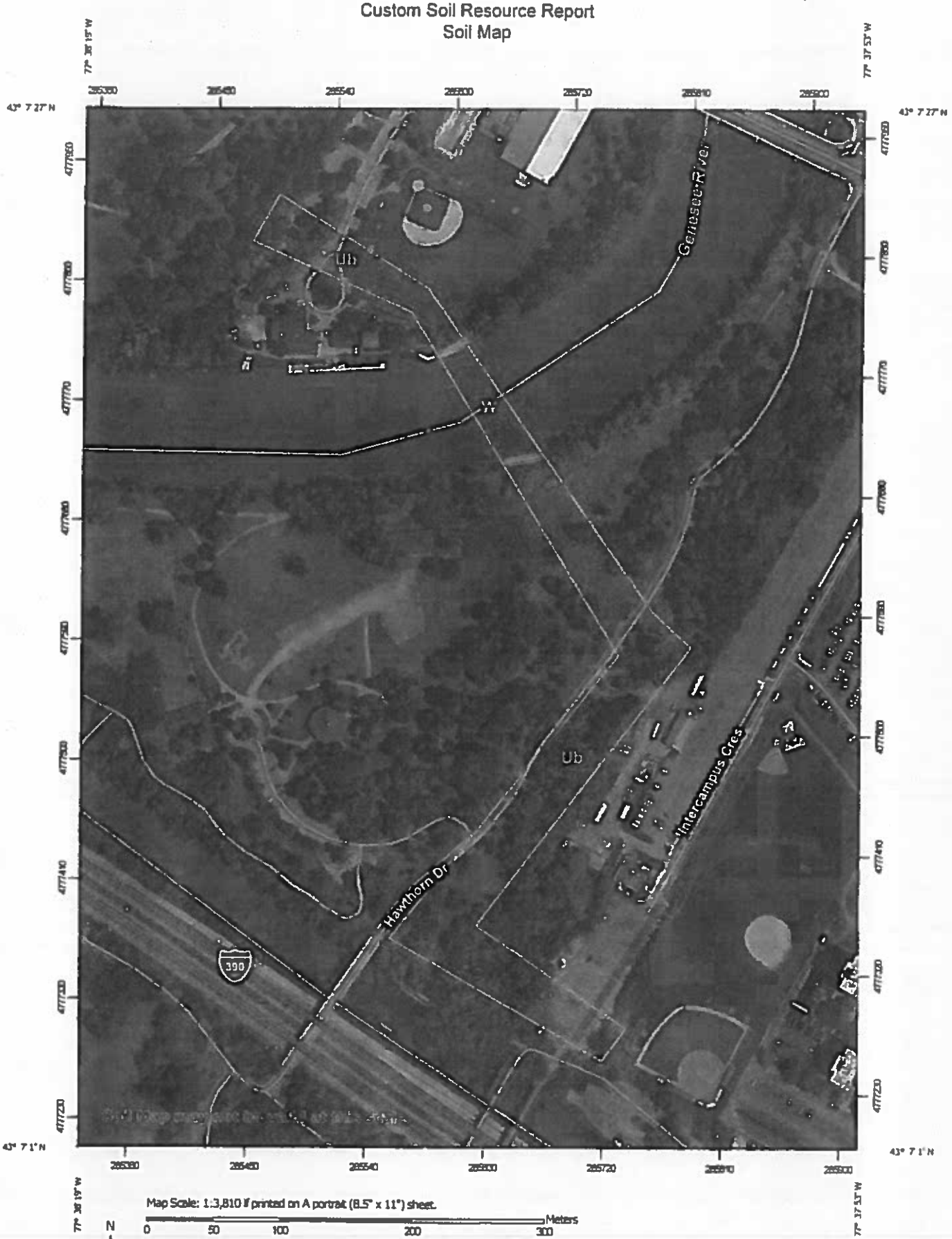
15.70

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

15.71

Custom Soil Resource Report
Soil Map



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Monroe County, New York
Survey Area Data: Version 19, Jun 11, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 27, 2020—Jun 15, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

15.73

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ub	Urban land	7.1	91.7%
W	Water	0.6	8.3%
Totals for Area of Interest		7.7	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

15.75

Monroe County, New York

Ub—Urban land

Map Unit Setting

National map unit symbol: 9tn8
Mean annual precipitation: 30 to 35 inches
Mean annual air temperature: 46 to 50 degrees F
Frost-free period: 145 to 190 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Minor Components

Brockport

Percent of map unit: 5 percent
Hydric soil rating: No

Alton

Percent of map unit: 5 percent
Hydric soil rating: No

Madrid

Percent of map unit: 5 percent
Hydric soil rating: No

Sun

Percent of map unit: 5 percent
Landform: Depressions
Hydric soil rating: Yes

W—Water

Map Unit Setting

National map unit symbol: bpm8
Mean annual precipitation: 30 to 35 inches
Mean annual air temperature: 46 to 50 degrees F
Frost-free period: 145 to 190 days
Farmland classification: Not prime farmland

Map Unit Composition

Water: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

15,76

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Office of **the County Executive**

Monroe County, New York

Adam J. Bello
County Executive

August 6, 2021

To The Honorable
Monroe County Legislature
407 County Office Building
Rochester, New York 14614

Subject: Classification of Action and Determination of Significance Pursuant to the State Environmental Quality Review Act for the Genesee Valley Pump Station Project

Honorable Legislators:

I recommend that Your Honorable Body determine whether the Genesee Valley Pump Station project (the "Project") may have a significant adverse impact on the environment pursuant to the State Environmental Quality Review Act ("SEQRA"). The purpose of the Project is to relieve the existing 24 inch sewer of peak sanitary sewer flows. The Project includes construction of a sanitary sewer pump station, within property currently owned by the University of Rochester, which will be capable of conveying approximately 3.5 million gallons per day. The pump station will be constructed within a proposed easement or property to be conveyed to Monroe County from the University of Rochester. The project also includes installation of an approximately 1,490 linear foot sanitary sewer facilities from the proposed pump station in a north west direction, through parklands owned by the City of Rochester, and under the Genesee River to a 54 inch sanitary sewer force main located on the west side of the Genesee River. The proposed underground force main within an approximate 30 foot wide easement through Genesee Valley Park. The City of Rochester and Monroe County will comply with the requirements of parkland alienation before construction begins. The project also includes an approximate 1,500 foot extension of the existing Irondequoit Bay South Central Pure Waters District Brighton No. 5 pump station force main to the new sanitary sewer force main. The force main extension will be contained within an easement on property owned by the University of Rochester. The SEQRA regulations found at 6 NYCRR Part 617 requires that no agency shall carry out or approve an Action until it has complied with the requirements of SEQRA.

The Action has been preliminarily classified as an Unlisted action. Notices of Intent for Monroe County to serve as Lead Agency for the purposes of undergoing a coordinated review and Part 1 of the Full Environmental Assessment Form were sent to all involved agencies on July 9, 2021. No other involved agency has expressed interest in serving as Lead Agency.

In addition to providing necessary relief to the Wilson Boulevard Trunk sewer and restore capacity in the Rochester Pure Waters Sewer District, this Project will allow the University of Rochester to expand its emergency medical facilities (the "Emergency Room Expansion") and permit future development in the Wilson Boulevard Trunk sewer's sewershed. To the extent consideration of the Project without also reviewing the Emergency Room Expansion constitutes segmentation, segmentation is warranted under these circumstances pursuant to 6 NYCRR § 617.3(g)(1). First, the Project is functionally independent from the Emergency Room Expansion. The Project is necessary to provide relief to and restore capacity in the Pure Waters Sewer District, and will benefit the sewershed regardless of whether the University of Rochester moves forward with its proposed Emergency Room Expansion. Second, information on the Emergency Room Expansion is speculative and may not occur. Last, if the Emergency Room Expansion is constructed, it will likely exceed the thresholds of 6 NYCRR § 617.4 and therefore will be reviewed as a Type I action. Reviewing the potential impacts of the Project separately from the full environmental assessment review and, if necessary, environmental impact statement for the Emergency Room Expansion will be no less protective of the environment.

The specific legislative actions required are:

1. Determine that the Action is an Unlisted action.

2. Designate Monroe County to serve as Lead Agency pursuant to a coordinated review.

3. Determine that, to the extent consideration of the Project without also reviewing the Emergency Room Expansion constitutes segmentation, segmentation is warranted under these circumstances pursuant to 6 NYCRR § 617.3(g)(1) for the following reasons:

    a. The Project is functionally independent from the Emergency Room Expansion. The Project is necessary to provide relief to and restore capacity in the Pure Waters Sewer District, and will benefit the sewershed regardless of whether the emergency room is ever approved and constructed.

    b. Information on the Emergency Room Expansion is speculative and may not occur; and

    c. The Emergency Room Expansion is currently expected to exceed the thresholds of 6 NYCRR § 617.4 and therefore will be reviewed as a Type I action. Reviewing the potential impacts of the Project separately from the full environmental assessment and, if necessary, environmental impact statement for the Emergency Room Expansion will be no less protective of the environment.

4. Make a determination of significance regarding the Action pursuant to 6 NYCRR § 617.7.

5. Authorize the County Executive, or his designee, to take such actions to comply with the requirements of the State Environmental Quality Review Act, including without limitation, the execution of documents and the filing, distribution and publication of the documents required under the State Environmental Quality Review Act, and any other actions to implement the intent of this resolution.

This determination will have no impact on the revenues or expenditures of the current Monroe County budget.

I recommend that this matter be referred to the appropriate committee(s) for favorable action by Your Honorable Body.

Sincerely,

Adam J. Bello
Monroe County Executive

AJB:db

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

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

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

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

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Genesee Valley Pump Station & Forcemain		
Project Location (describe, and attach a general location map): Genesee Valley Park near Roundhouse Pavillion and Genesee Waterways Center (43d07'20", 77d38'04")		
Brief Description of Proposed Action (include purpose or need): The project includes construction of a sanitary sewer pump station, within property owned by the University of Rochester, which will be capable of conveying approximately 3.5 million gallons per day (MGD). The pump station will be constructed within a proposed easement or property to be conveyed to Monroe County from the University of Rochester. The project also includes installation of a approximately 1,490 linear foot sanitary sewer facilities from the proposed pump station in a north west direction, through parklands owned by the City of Rochester, and under the Genesee River to a 54-inch sanitary sewer force main located on the west side of the Genesee River. The proposed underground force main, which will be constructed within parklands will be contained within an approximate 30' wide easement, and the area will remain as parkland. A Parkland Alienation process will be completed prior to construction to receive approval for work within parklands. The project also includes an approximate 1,500 foot extension of the existing IBSCPWD Brighton No. 5 pump station force main to the new sanitary sewer force main. The force main extension will be contained within an easement on property owned by the University of Rochester. The project purpose is to relieve the existing 24" sewer of peak sanitary sewer flows.		
Name of Applicant/Sponsor: Monroe County	Telephone: 585-753-7511 E-Mail: MCDES@monroecounty.gov	
Address: 7100 City Place, 50 West Main Street		
City/PO: Rochester	State: New York	Zip Code: 14614
Project Contact (if not same as sponsor; give name and title/role): Joseph VanKerkhove, P.E.	Telephone: (585) 753-7544 E-Mail: JosephVankerkhove@monroecounty.gov	
Address: 7100 City Place, 50 W. Main Street		
City/PO: Rochester	State: New York	Zip Code: 14614
Property Owner (if not same as sponsor): City of Rochester Dept. of Environmental Services	Telephone: (585) 428-6855 E-Mail: Norman.Jones@CityofRochester.Gov	
Address: 30 Church Street, Room 300B		
City/PO: Rochester	State: New York	Zip Code: 14614

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	**If Yes: Identify Agency and Approval(s) Required**	**Application Date (Actual or projected)**
a. City Counsel, Town Board, or Village Board of Trustees ☑Yes☐No	City of Rochester Council	
b. City, Town or Village Planning Board or Commission ☐Yes☑No		
c. City, Town or Village Zoning Board of Appeals ☐Yes☑No		
d. Other local agencies ☑Yes☐No	City of Rochester	
e. County agencies ☑Yes☐No	MCDES, MC Parks, MCDOH, MCDPD, MCPB, RPWD, IBSCPWD	
f. Regional agencies ☐Yes☑No		
g. State agencies ☑Yes☐No	NYSDEC, NYS SHPO, NYSEFC, NYPA (NYS Canal Corp.), NYS DOS, NYS Comptroller	
h. Federal agencies ☑Yes☐No	US ACOE	
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes☑No		
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☑Yes☐No		
iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes☑No		

C. Planning and Zoning

C.1. Planning and zoning actions.	
Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes☑No • **If Yes,** complete sections C, F and G. • **If No,** proceed to question C.2 and complete all remaining sections and questions in Part I	
C.2. Adopted land use plans.	
a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes☐No If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☑Yes☐No	
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☑Yes☐No If Yes, identify the plan(s): NYS Heritage Areas, West Erie Canal Corridor, and City of Rochester Local Waterfront Revitalization Program	
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): The project is partially located within the City of Rochester Genesee Valley Park.	

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
O-S Open Space District, O-A Overlay Airport District

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

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Rochester City School District

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

c. Which fire protection and emergency medical services serve the project site?
RFD, BFD, AMR, BVA

d. What parks serve the project site?
Genesee Valley Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Municipal utility project

b. a. Total acreage of the site of the proposed action? 6+/- acres
b. Total acreage to be physically disturbed? 0.1+/- acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 590+/- acres

c. Is the proposed action an expansion of an existing project or use? ☑ Yes ☐ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % .001 (expand LF of pipe) Units: _____

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

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: 6+/- months
ii If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

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

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

g. Does the proposed action include new non-residential construction (including expansions)? ☑Yes ☐No
If Yes,
i. Total number of structures 1
ii. Dimensions (in feet) of largest proposed structure: 12 height; 20 width; and 20 length
iii. Approximate extent of building space to be heated or cooled: 400 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 for the pump station wet well and diversion structure
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
- Volume (specify tons or cubic yards): +/- 225 CY
- Over what duration of time? +/- 6 months

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
existing native soil disposed as required
iv. Will there be onsite dewatering or processing of excavated materials? ☑Yes ☐No
If yes, describe. If dewatering is necessary, it will be discharged to a sanitary sewer system.
v. What is the total area to be dredged or excavated? approximately 0 02 acres
vi. What is the maximum area to be worked at any one time? approximately 0 02 acres
vii. What would be the maximum depth of excavation or dredging? approximately 25 feet
viii. Will the excavation require blasting? ☐Yes ☑No
ix. Summarize site reclamation goals and plan:

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☑Yes ☐No
If Yes:
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): Genesee River - NYSDEC ID of 0401-0001

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:
Proposed action involves directional drilling underneath the Genesee River. Because the pipeline will be directionally drilled, no actual impacts are anticipated.

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: _____
No reclamation/mitigation is anticipated to be needed. If required, proposed action will follow NYSDEC and US ACOE guidance.

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: Frank E. Van Lare WRRF
- Name of district: Rochester Pure Waters District
- Does the existing wastewater treatment plant have capacity to serve the project? ☑Yes ☐No
- Is the project site in the existing district? ☑Yes ☐No
- Is expansion of the district needed? ☐Yes ☑No

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

  If Yes:
  - Describe extensions or capacity expansions proposed to serve this project: The project is a line extension of approximately 1,490LF (see project description)

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

If Yes:
- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

_____

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐Yes ☑No

If Yes:

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

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

_____

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐Yes ☐No

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

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐Yes ☑No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

_____

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

_____

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

_____

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes ☑No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes ☐No

ii. In addition to emissions as calculated in the application, the project will generate:
- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

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

If Yes:

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

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

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

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

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐Morning ☐Evening ☐Weekend ☐Randomly between hours of _____ to _____.

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

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

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

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

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

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

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

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

If Yes:

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

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

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

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

i During Construction:

- Monday - Friday: 7 AM - 5 PM
- Saturday: N/A
- Sunday: N/A
- Holidays: N/A

ii During Operations:

- Monday - Friday: Continuous operation
- Saturday: Continuous operation
- Sunday: Continuous operation
- Holidays: Continuous operation

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

If yes:

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

Construction may result in a temporary increases in noise.

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

Describe: Project may require removal of trees or vegetation within the area of disturbance.

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

If yes:

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

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

Describe:

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

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

A temporary increase in odors may occur during construction, however no permanent impacts are anticipated.

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored

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

iii. Generally, describe the proposed storage facilities:

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

If Yes:

i. Describe proposed treatment(s):

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

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

If Yes:

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

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

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

- Construction:
- Operation:

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

- Construction:
- Operation:

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

If Yes:

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

ii Anticipated rate of disposal/processing:

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

iii If landfill, anticipated site life: _____ years

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

If Yes:

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

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

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

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

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

If Yes: provide name and location of facility: _____

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

E. Site and Setting of Proposed Action

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

a. Existing land uses.

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

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

ii If mix of uses, generally describe:

Proposed action is located within a park within the City of Rochester. Project includes parkland alienation for sanitary sewer easement (+/- 30 ft width)

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0	.01	.01
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)	1+/-	1+/-	0+/-
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____			

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

i. If Yes: explain: Project site is a public park.

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:

Strong Memorial Hospital, Ronald McDonald House

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): 11 records closed/see attached documents

☐ 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):

All NYSDEC spill incident files are listed as closed.

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

- If yes, DEC site ID number: N/A
- Describe the type of institutional control (e.g., deed restriction or easement): City of Rochester Zoning
- Describe any use limitations: Zoning for Parkland
- Describe any engineering controls: N/A
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☑ No
- Explain:

The project involves installation of an underground sewer facilities and conveyance of a sanitary sewer easement. Any alternations to the parkland will be minor and temporary.

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? >6 5+/- 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:

Urban land - Ub	80 %
Water - W	20 %
	%

d. What is the average depth to the water table on the project site? Average: 5.2+/- feet

e. Drainage status of project site soils:

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

f. Approximate proportion of proposed action site with slopes:

☑ 0-10%:	100 % of site
☐ 10-15%:	% of site
☐ 15% or greater:	% of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe:

h. Surface water features.

i Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☑ Yes ☐ No

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

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

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

- Streams: Name Genesee River 820-2 Classification B
- Lakes or Ponds: Name ____ Classification ____
- Wetlands: Name Federal waters Approximate Size ____
- Wetland No. (if regulated by DEC) ____

v Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☑ Yes ☐ No

If yes, name of impaired water body/bodies and basis for listing as impaired:
Name-Pollutants-Uses Genesee River, Lower, Main Stem–Pathogens Nutrients Silt/Sediment Priority Organics,Pesticides–Fish Consumption Public...

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:

m. Identify the predominant wildlife species that occupy or use the project site:
Deer, Squirrels, Chipmunks, Various birds, Various fish, Frogs, Foxes

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

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐Yes ☑No
If Yes:
i. Species and listing (endangered or threatened):

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☑Yes ☐No
If Yes:
i. Species and listing:
The project location is within a mussel screening stream (Genesee River) that contains the potential for S1 & S2 freshwater mussels (which are not listed by NYSDEC). No impact is currently expected, but will be confirmed through a geotechnical investigation.

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☑Yes ☐No
If yes, give a brief description of how the proposed action may affect that use:
Construction may temporarily reduce access to fishing areas. No permanent negative impacts are anticipated

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

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☑No
If Yes, provide county plus district name/number:

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

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

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☑Yes ☐No
If Yes:
i. CEA name: Not named
ii. Basis for designation: Environmentally sensitive
iii. Designating agency and date: City of Rochester, March 14, 1986

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

If Yes:

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

ii. Name: New York State Barge Canal Historic District

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

Historic infrastructure

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

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

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

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

If Yes:

i. Identify resource: Genesee River, NYS Barge Canal, Genesee Valley Park

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): River, historic district, park

iii. Distance between project and resource: 0 miles.

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

If Yes:

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

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

F. Additional Information

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

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

G. Verification

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

Applicant/Sponsor Name Monroe County Date July 9, 2021

Signature _____ Title Director of Environmental Services

PRINT FORM

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

Agency Use Only [If applicable]
Project: Genesee Valley Pump Station & Forcemain
Date: August 9, 2021

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

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

Tips for completing Part 2:

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

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)
If "Yes", answer questions a - j. If "No", move on to Section 2.

☐ NO ☑ 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	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☑	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: _____		☑	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

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

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

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☐ NO ☑ YES

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

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

l. Other impacts: _____ _____		☑	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☑NO ☐YES

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

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

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☐NO ☑YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	☑	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☑	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☑	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☑	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☑	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☑	☐

g. Other impacts: _____ _____		☑	☐

6. Impacts on Air

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

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____ _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐NO ☑YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☑	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☑	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☑	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☑	☐

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

8. Impact on Agricultural Resources

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

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

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

9. Impact on Aesthetic Resources
The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.) ☐ NO ☑ YES
If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☑	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☑	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	 ☑ ☑	 ☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	 ☑ ☑	 ☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☑	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☑	☐
g. Other impacts: Small, 20'x20' pump station building near park, and temporary impacts during construction.		☑	☐

10. Impact on Historic and Archeological Resources
The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) ☐ NO ☑ YES
If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☑	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☑	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E3g	☑	☐

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

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☑	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☑	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☑	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☑	☐
e. Other impacts: sanitary sewer forcemain to be located within easement through park land.		☑	☐

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
c. Other impacts: _____		☐	☐

13. Impact on Transportation
The proposed action may result in a change to existing transportation systems. ☑ NO ☐ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

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

14. Impact on Energy
The proposed action may cause an increase in the use of any form of energy. ☑ NO ☐ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

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

15. Impact on Noise, Odor, and Light
The proposed action may result in an increase in noise, odors, or outdoor lighting. ☐ NO ☑ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

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

d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: noise and odors during construction.		☑	☐

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

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

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) ☑ NO ☐ YES

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

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

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) ☑ NO ☐ YES

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

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

PRINT FULL FORM

Agency Use Only [If Applicable]

Project: Genesee Valley Pump Station & Forcemain

Date: August 9, 2021

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 attached documentation supporting this determination.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☑ Unlisted

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

Upon review of the information recorded on this EAF, as noted, plus this additional support information
Full Environmental Assessment Form (EAF) Part 3 and the supporting documentation to the EAF and project maps.

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the
Monroe County 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: Genesee Valley Pump Station & Forcemain

Name of Lead Agency: Monroe County

Name of Responsible Officer in Lead Agency: Adam J. Bello

Title of Responsible Officer: Monroe County Executive

Signature of Responsible Officer in Lead Agency: Date: August 9, 2021

Signature of Preparer (if different from Responsible Officer) Lance Brabant - MRB Group Date: August 9, 2021

For Further Information:

Contact Person: Joseph VanKerkhove, P.E.

Address: 7100 City Place, 50 West Main Street, Rochester, NY 14614

Telephone Number: (585) 753-7544

E-mail: JosephVankerkhove@monroecounty.gov

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

PRINT FULL FORM

MONROE COUNTY

GENESEE VALLEY PUMP STATION AND FORCE MAIN PROJECT

ROCHESTER, NEW YORK

STATE ENVIRONMENTAL QUALITY REVIEW (SEQR)

FULL ENVIRONMENTAL ASSESSMENT FORMS (EAF)

PARTS 2-3 & SUPPORTING INFORMATION

AUGUST 2021

Prepared by

MRB | group
Engineering, Architecture & Surveying, D.P.C.

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Note: All potential impacts that have been identified in the Full EAF Part 2 as No or Small Impacts have been described in this document. Numbering is consistent as outlined in Full EAF Part 2.

1. **IMPACT OF LAND** – The proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)

   f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).

   - Small portions of the project will be stripped of vegetation and bare soils will be exposed during construction (approximately six months). These areas could be susceptible to potential erosion, with the potential of discharge of sediment into the existing waterways. However, approved erosion and sediment control measures as outlined in the design plans will be implemented during construction. Erosion and sediment control measures will be inspected to ensure proper installation and function throughout the construction phase.

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)

   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.

   - The proposed action is adjacent to the Genesee River and the NYS Barge Canal. The proposed action will involve directional drilling underneath the Genesee River, but will not include construction in the river nor along the riverbank. Extensive coordination with NYSDEC has begun regarding the proposed action. The proposed action will meet all NYSDEC and USACOE requirements, and Monroe County will obtain all required permits. Please see the attached New York State Department of Environmental Conservation Wetland Mapping, which shows that the proposed project area is not within or adjacent to any mapped wetlands, and as such, no impacts to wetlands will occur.

   e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.

   - Small portions of the project, outside of waterbodies and wetlands, will be stripped of vegetation and bare soils will be exposed during construction (approximately six months). Any potential impacts to these waterbodies will be minimized through the use of erosion and sediment controls designed in accordance with the 2016 New York Standards and Specifications for Erosion and Sediment Control, and in accordance with the project plans and all permit requirements. The project also includes directional drilling underneath the Genesee River at a depth that is not expected to disturb bottom sediments. However, a geotechnical evaluation, as required by NYSDEC, is being performed to confirm that the directional drilling will not create turbidity in a waterbody. In the event the geotechnical evaluation does not conclusively rule out the potential for turbidity, any potential impact(s) will be mitigated prior to the construction phase through the permitting process with NYSDEC and USACOE.

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.

- Small portions of the project will be stripped of vegetation and bare soils will be exposed during construction (approximately six months). These areas could be susceptible to potential erosion, with the potential of discharge of sediment into the existing waterways. Approved erosion and sediment control measures as outlined in the design plans will be implemented during construction. Erosion and sediment control measures will be inspected to ensure proper installation and function throughout the construction phase.

i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.

- Small portions of the project may be susceptible to potential erosion during construction with the potential of discharge of sediment into existing waterways. Erosion and control measures will be designed and installed per the requirements set forth in the latest edition (2016) of the New York Standards and Specifications for Erosion and Sediment Control, and in compliance with all permits.

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

a. The proposed action may result in development in a designated floodway.

b. The proposed action may result in development within a 100 year floodplain.

c. The proposed action may result in development within a 500 year floodplain.

- A portion of the project will be constructed within a designated floodway, and the 100 year and 500 year floodplains. However, no structures, permanent increases in impervious areas, nor permanent modifications to drainage patterns are proposed within the floodplains and floodway. Appropriate drainage measures will be installed during construction. The project will meet all NYSDEC requirements to assure that erosion and sedimentation, if any, are managed throughout the construction phase.

7. IMPACT ON PLANTS AND ANIMALS - The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q)

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.

j. Other impacts: freshwater mussels.

- The portion of the Genesee River within the project area likely contains S1 and S2 freshwater mussels. A geotechnical evaluation, as required by NYSDEC, is being performed to determine that the directional drilling will not result in a reduction or degradation of any habitat. Coordination is ongoing with NYSDEC to ensure that any impacts of the proposed action are minimized.

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.)

   d. The situation or activity in which viewers are engaged while viewing the proposed action is:

   ii. Recreational or tourism based activities

   e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.

   - Portions of the proposed project area include Genesee Valley Park, the Genesee River, and the NYS Barge Canal Historic District. The proposed pump station is the only above-ground structure that will not be flush with the surface. Any potential visual impact of the pump station will be mitigated by setting the pump back from the park and outside the NYS Barge Canal Historic District on land currently owned by the University of Rochester. Trees and other existing vegetative screening will be preserved where possible to screen the station from the park and historic district. Construction activities may temporarily impact enjoyment of these resources due to increased noise, odors, and traffic during; however, these temporary impacts will be minimized by limiting construction to standard hours (Monday-Friday).

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.)

    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.

    - Portions of the proposed project area include Genesee Valley Park, the Genesee River, and the NYS Barge Canal Historic District. The proposed pump station is the only above-ground structure that will not be flush with the surface. Any potential visual impact of the pump station will be mitigated by setting the pump back from the park and outside the NYS Barge Canal Historic District on land currently owned by the University of Rochester. Trees and other existing vegetative screening will be preserved where possible to screen the station from the park and historic district. As such, the project is not expected to have a permanent impact on historic or archaeological resources. However, a consultation project has been submitted using the SHPO Cultural Resource Information System (CRIS) website. No response has been received from NYS SHPO as of yet. Construction will not commence unless and until we receive a determination that the project will have No Effect or No Adverse Effect on historic/cultural properties.

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.*

- The project is located within archeological sensitive areas. However, a majority of the work will occur approximately thirty (30) feet underground and surface work will be performed in previously disturbed soils. As such, the project is not expected to have a permanent impact on historic or archaeological resources. However, a consultation project has been submitted using the SHPO Cultural Resource Information System (CRIS) website. No response has been received from NYS SHPO as of yet. Construction will not commence unless and until we receive a determination that the project will have No Effect or No Adverse Effect.

11. IMPACT ON OPEN SPACE AND RECREATION – The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (Part 1. C.2.c, E.1.c, E.2.q.)

e. *Other impacts: sanitary sewer facilities to be located within easement through park land.*

- The proposed project includes installation of sanitary sewer facilities and the conveyance of a sanitary sewer easement through Genesee Valley Park and under the Genesee River. This may limit future sub-surface park uses within the sanitary sewer easement itself, but such impact will be mitigated by the fair market value of the easement being determined and dedicated toward the acquisition of additional parkland and/or the capital improvements of existing park facilities during the parkland alienation process. Construction activities may temporarily impact small areas in the park; however, these areas will be restored and continued to be used for park purposes post-construction. Accordingly, no permanent impacts from construction are expected and no loss of recreational opportunities or a reduction of an open space resource will occur.

12. IMPACT ON CRITICAL ENVIRONMENTAL AREAS – The proposed action may be located within or adjacent to a critical environmental area (CEA). (Part 1. E.3.d.)

e. *Other impacts: project site is located within or adjacent to Critical Environmental Areas.*

- The proposed project is located within or adjacent to a Critical Environmental Area designated by the City of Rochester on March 14, 1986, on the basis of being an environmentally sensitive area. Coordination with NYSDEC is ongoing, and the project will comply with all required environmental permits and NYSDEC standards.

15. IMPACT ON NOISE, ODOR, AND LIGHT - The proposed action may result in an increase in noise, odors, or outdoor lighting. (See Part 1.D.2.m.,n., and o)

f. *Other impacts: noise and odors during construction.*

- Noise levels may exceed ambient conditions during the construction phase, and mobile sources associated with construction may temporarily emit air emissions and/or odors. However, these impacts will be small to moderate and would be temporary in nature. Construction activities will be limited to the days and times allowed by local regulation.

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.)

    m. Other impacts: Spills Incident Database indicates previously closed spills incidents in project site or vicinity.

    - The NYSDEC Spills Incident Database indicates that spills were reported within the project site or within the vicinity of the project site. All spill incidents found in the database have been closed by NYSDEC. If any signs of contaminated soils are encountered the project will stop work and NYSDEC will be contacted.

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)

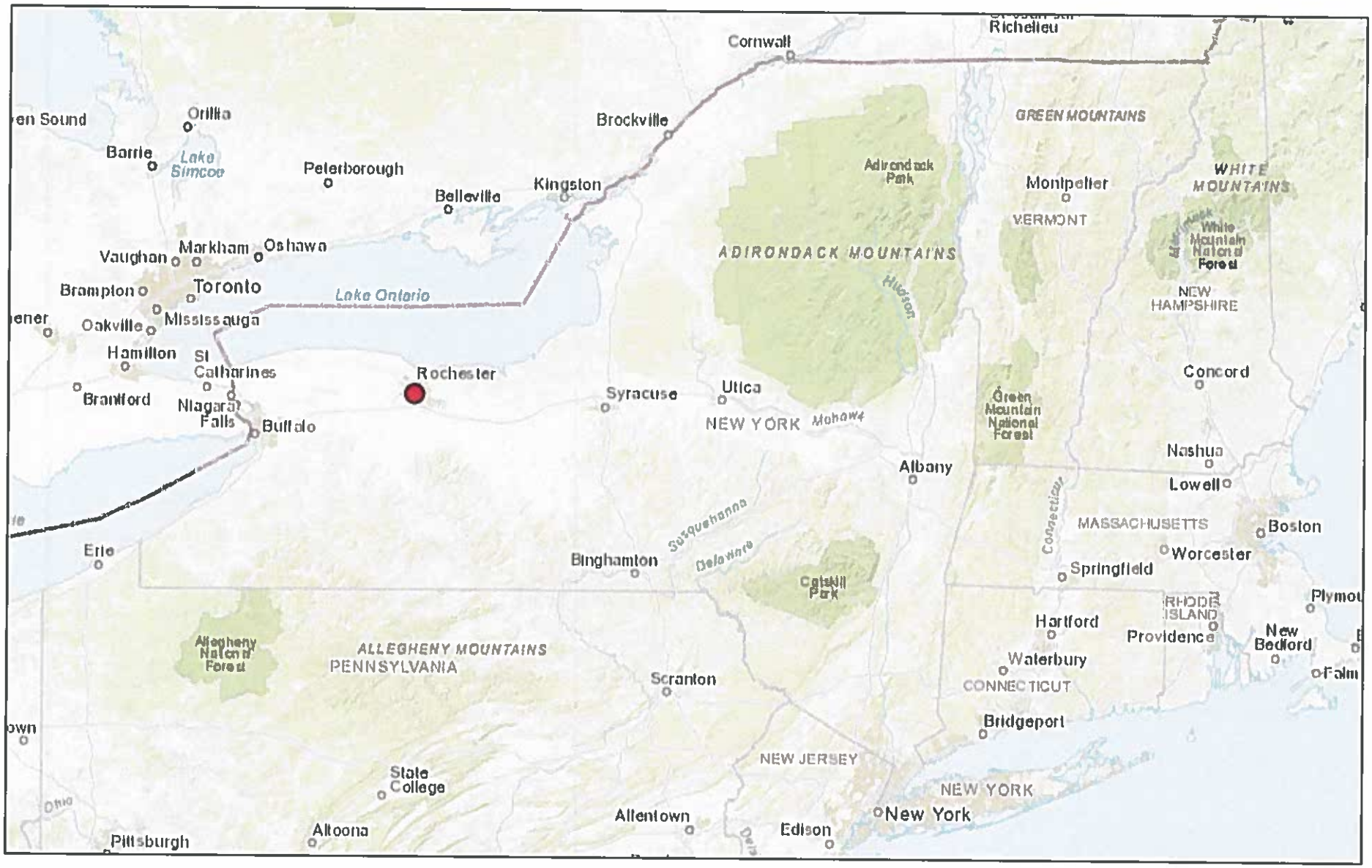
    - The Project is consistent with the existing community character. However, it is possible that expanding sewer capacity within the Wilson Boulevard Trunk sewer sewershed could have a secondary impact of inducing growth in the area. Given that the sewershed is already developed, though, any such growth would most likely be limited to small-scale infill of urban or suburban lots, consistent with applicable zoning laws and the City of Rochester's comprehensive plan. Conversely, in the event large-scale development is proposed, such as the University of Rochester's emergency room expansion, any impacts would be reviewed and, if necessary, mitigated as part of the development's approval requirements.

SUPPORTING DOCUMENTATION

PROJECT MAPS

- PROJECT LOCATION MAP
- PROJECT CONCEPT MAPS
- CULTURAL RESOURCES MAPS
- FLOOD MAPS
- WATER/ENVIRONMENTAL RESOURCES MAPS
- NYSDEC ENVIRONMENTAL RESOURCE MAPPER RESULTS
- NYSDEC SPILLS INCIDENTS DATABASE RESULTS
- NYSDEC ENVIRONMENTAL JUSTICE MAP
- NRCS SOIL REPORT

Genesee Valley Pump Station Location Map



July 22, 2021

1:4,622,324

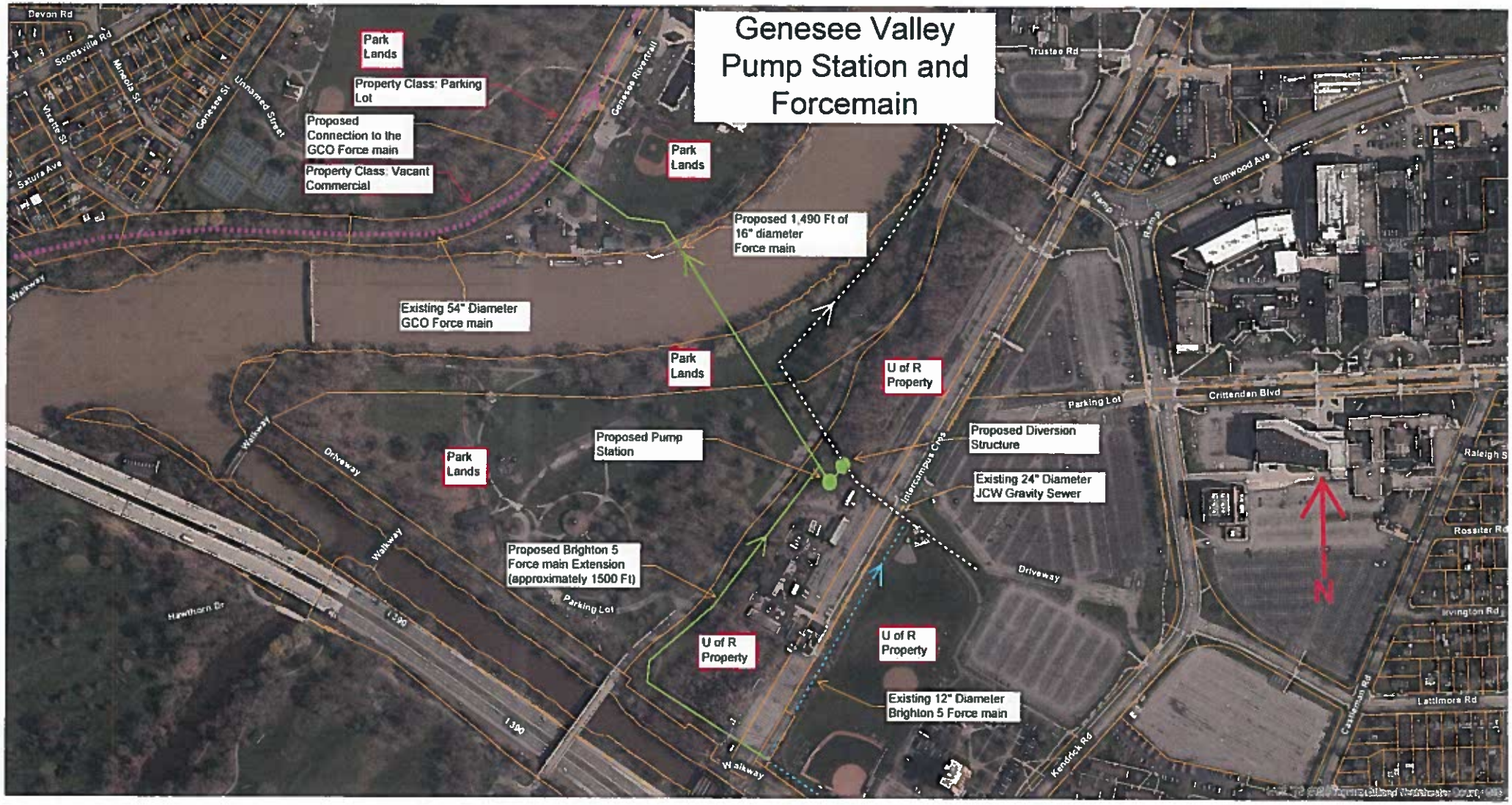
0 25 50 100 mi

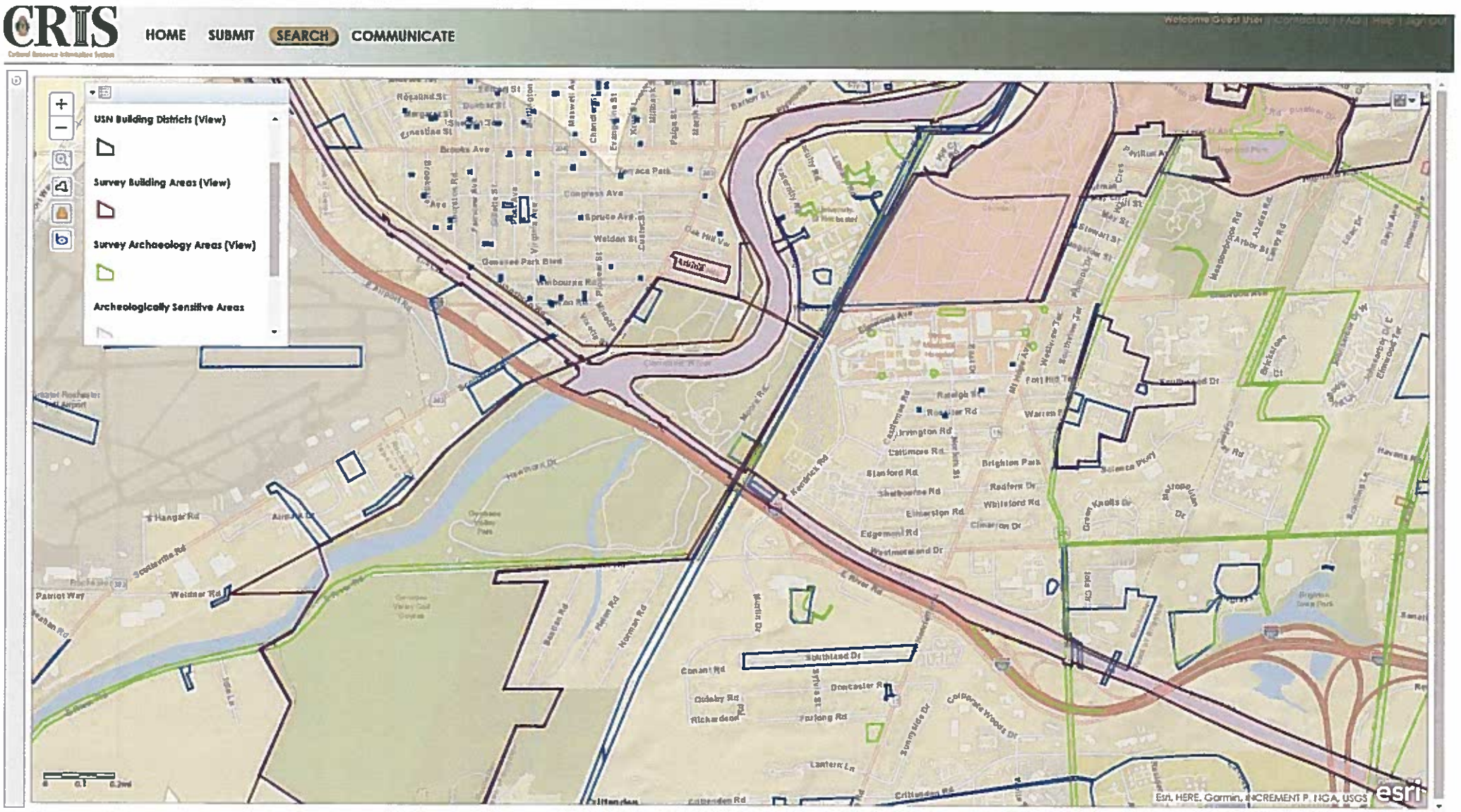
0 45 90 180 km

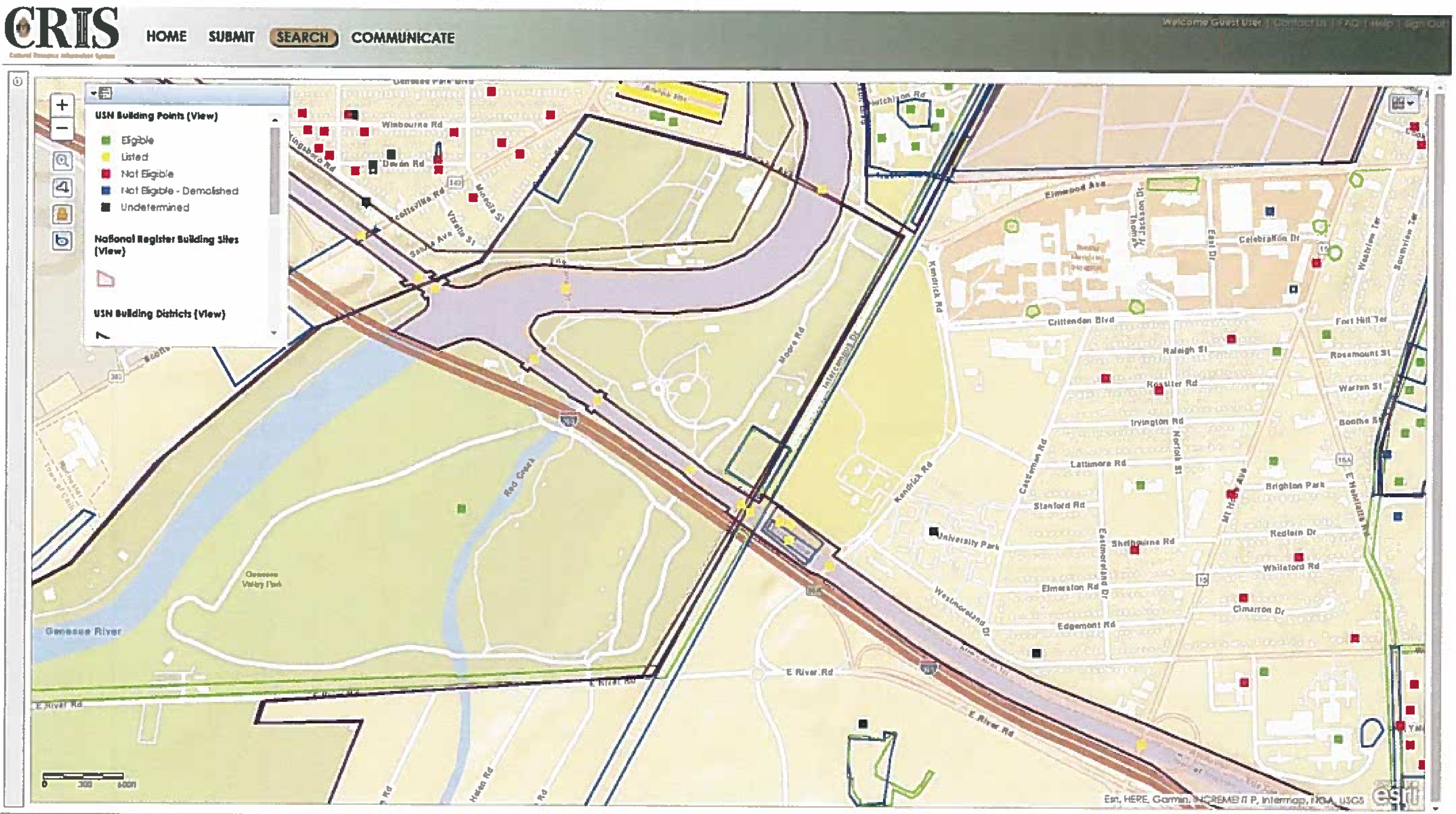
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

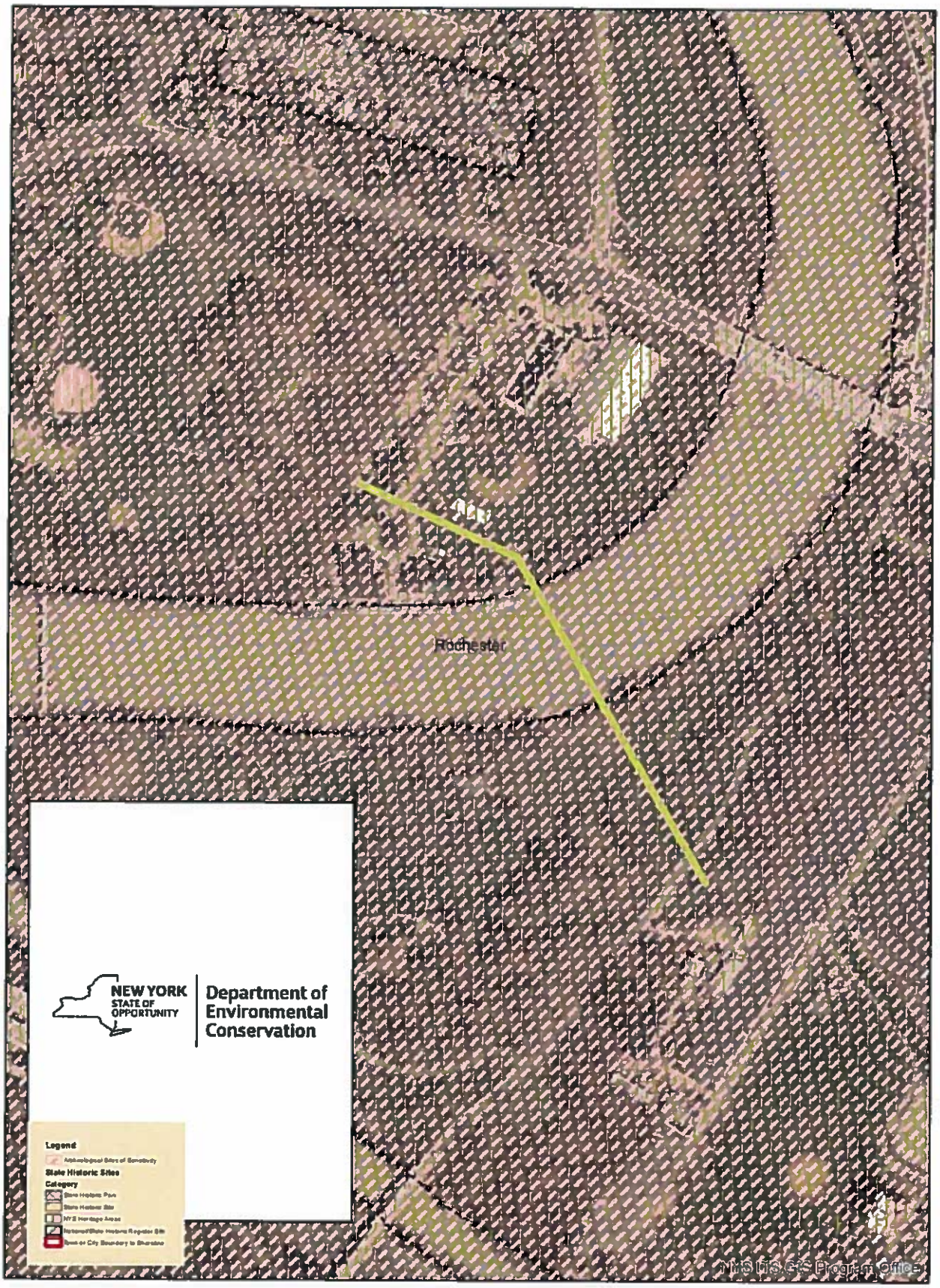
NYS Department of Environmental Conservation

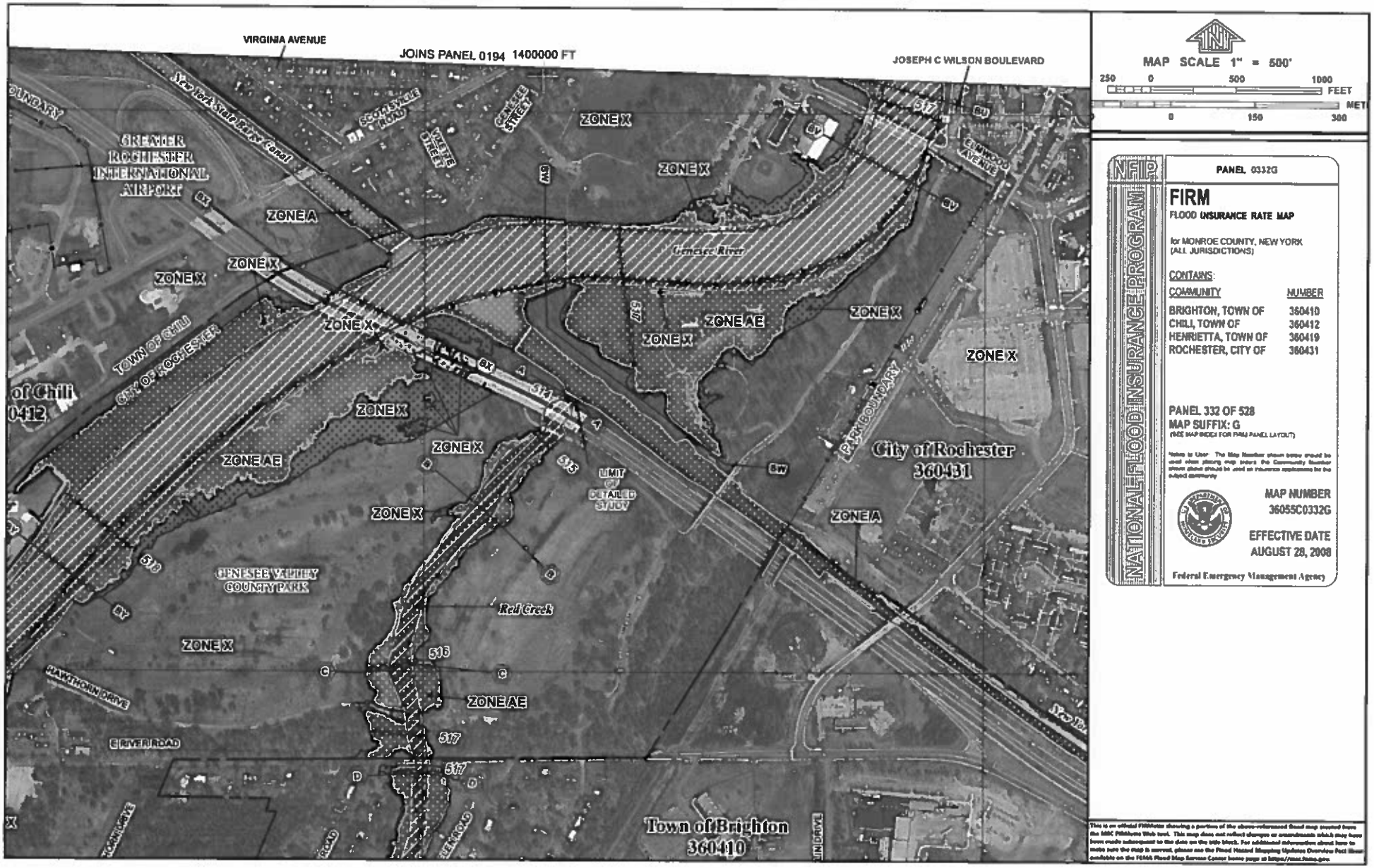
Not a legal document


Genesee Valley Pump Station and Forcemain
Park Lands
Property Class: Parking Lot
Proposed Connection to the GCO Force main
Property Class: Vacant Commercial
Park Lands
Proposed 1,490 Ft of 16" diameter Force main
Existing 54" Diameter GCO Force main
Park Lands
U of R Property
Proposed Pump Station
Park Lands
Proposed Diversion Structure
Existing 24" Diameter JCW Gravity Sewer
Proposed Brighton 5 Force main Extension (approximately 1500 Ft)
U of R Property
U of R Property
Existing 12" Diameter Brighton 5 Force main
Devon Rd
Scottsville Rd
Genesee St
Unnamed Street
Genesee Riverwalk
Trustee Rd
Elmwood Ave
Ramp
Crittenden Blvd
Parking Lot
Intercampus Drive
Driveway
Walkway
Hawthorn Dr
I-390
Kendrick Rd
Castlemon Rd
Lattimore Rd
Irvington Rd
Rossiter Rd
Raleigh St
N

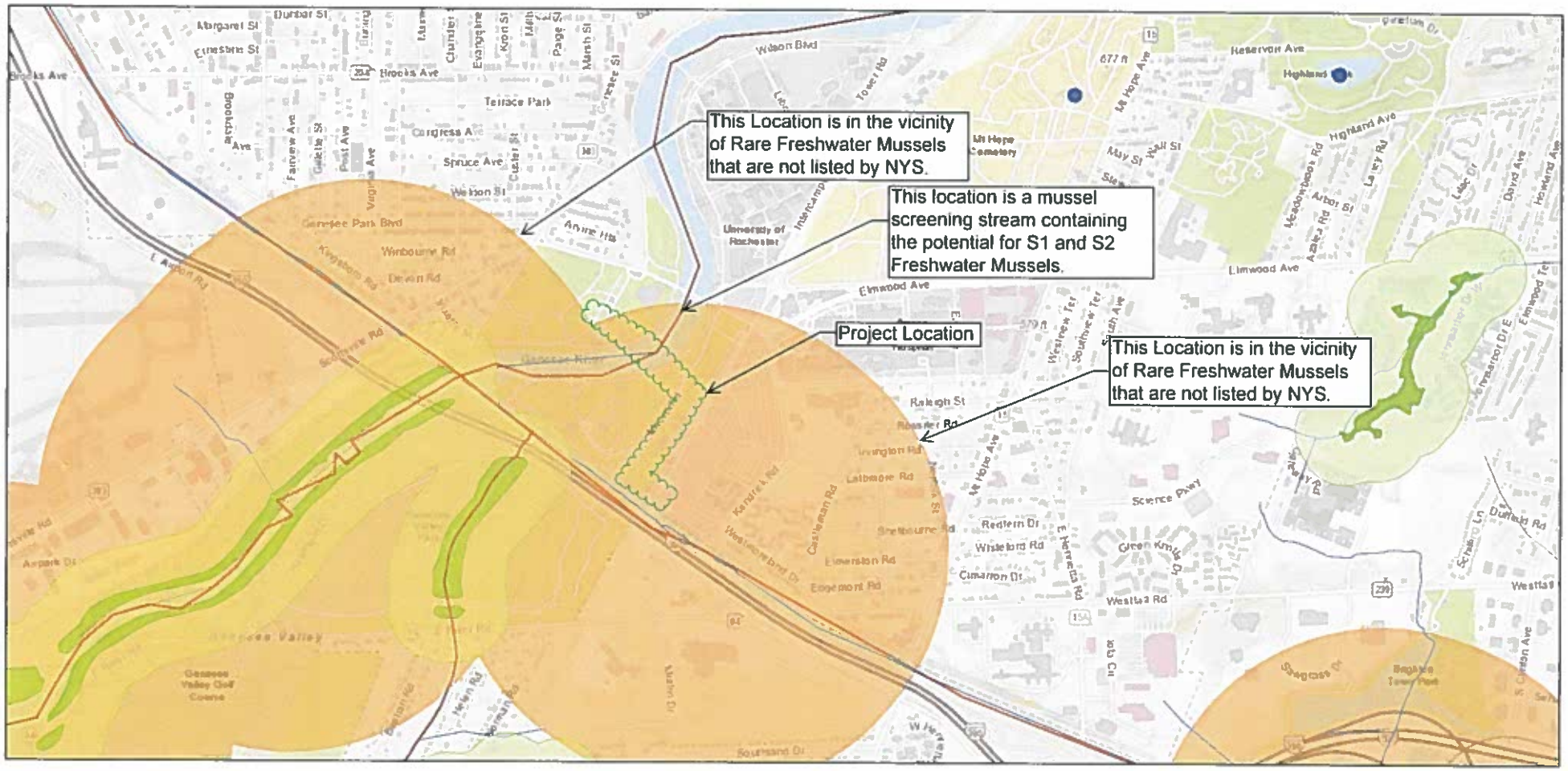

CRIS
HOME
SUBMIT
SEARCH
COMMUNICATE
USN Building Districts (View)
Survey Building Areas (View)
Survey Archaeology Areas (View)
Archeologically Sensitive Areas
Esri, HERE, Garmin, INCREMENT P, NGA, USGS
esri


CRIS
HOME
SUBMIT
SEARCH
COMMUNICATE
USN Building Points (View)
Eligible
Listed
Not Eligible
Not Eligible - Demolished
Undetermined
National Register Building Sites (View)
USN Building Districts (View)
Winbourne Rd
Devon Rd
Scottsville Rd
Vixette St
Mineola St
Elmwood Ave
Celebration Dr
East Dr
Crittenden Blvd
Kendrick Rd
Moore Rd
Intercampus Dr
Raleigh St
Rossiter Rd
Irvington Rd
Norfolk St
Lattimore Rd
Castleman Rd
Stanford Rd
University Park
Shelbourne Rd
Eastmoreland Dr
Elmerston Rd
Westmoreland Dr
Edgemont Rd
Fort Hill Ter
Rosemount St
Warren St
Boothe St
Brighton Park
Redlein Dr
Whitford Rd
Cimarron Dr
Mt Hope Ave
E Henrietta Rd
Westview Ter
Southview Ter
Red Creek
Genesee River
Genesee Valley Park
E River Rd
Helen Rd
Esri, HERE, Garmin, INCREMENT P, Intermap, NOAA, USGS
esri


Rochester
NEW YORK
STATE OF
OPPORTUNITY
Department of
Environmental
Conservation
Legend
State Historic Sites
Category
NYS GIS Program Office


VIRGINIA AVENUE
JOINS PANEL 0194 1400000 FT
JOSEPH C WILSON BOULEVARD
New York State Barge Canal
GREATER ROCHESTER INTERNATIONAL AIRPORT
ZONE A
ZONE X
ZONE AE
Genesee River
TOWN OF CHILI
CITY OF ROCHESTER
of Chili
0412
LIMIT OF DETAILED STUDY
City of Rochester
360431
GENESEE VALLEY COUNTY PARK
Red Creek
HAWTHORN DRIVE
E RIVER ROAD
Town of Brighton
360410
MAP SCALE 1" = 500'
250 0 500 1000 FEET
0 150 300
NFIP
NATIONAL FLOOD INSURANCE PROGRAM
PANEL 0332G
FIRM
FLOOD INSURANCE RATE MAP
for MONROE COUNTY, NEW YORK
(ALL JURISDICTIONS)
CONTAINS:
COMMUNITY NUMBER
BRIGHTON, TOWN OF 360410
CHILI, TOWN OF 360412
HENRIETTA, TOWN OF 360419
ROCHESTER, CITY OF 360431
PANEL 332 OF 528
MAP SUFFIX: G
MAP NUMBER
36055C0332G
EFFECTIVE DATE
AUGUST 28, 2008
Federal Emergency Management Agency

Genesee Valley Pump Station and Forcemain



June 18, 2021

1:18,056

0 0.15 0.3 0.6 mi

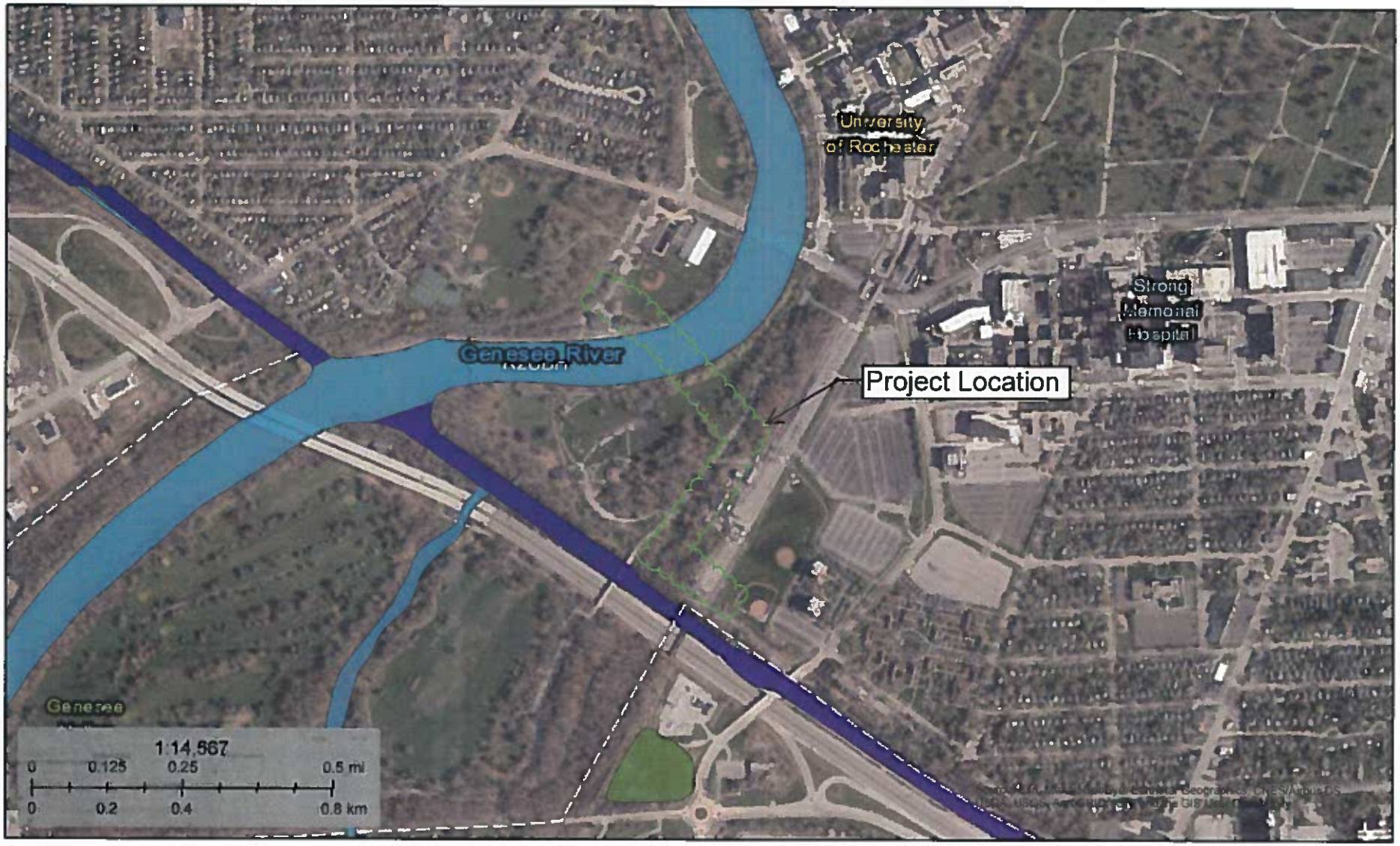
0 0.25 0.5 1 km

NYS Department of Environmental Conservation
Not a legal document

U.S. Fish and Wildlife Service

National Wetlands Inventory

Genesee Valley Pump Station and Forcem

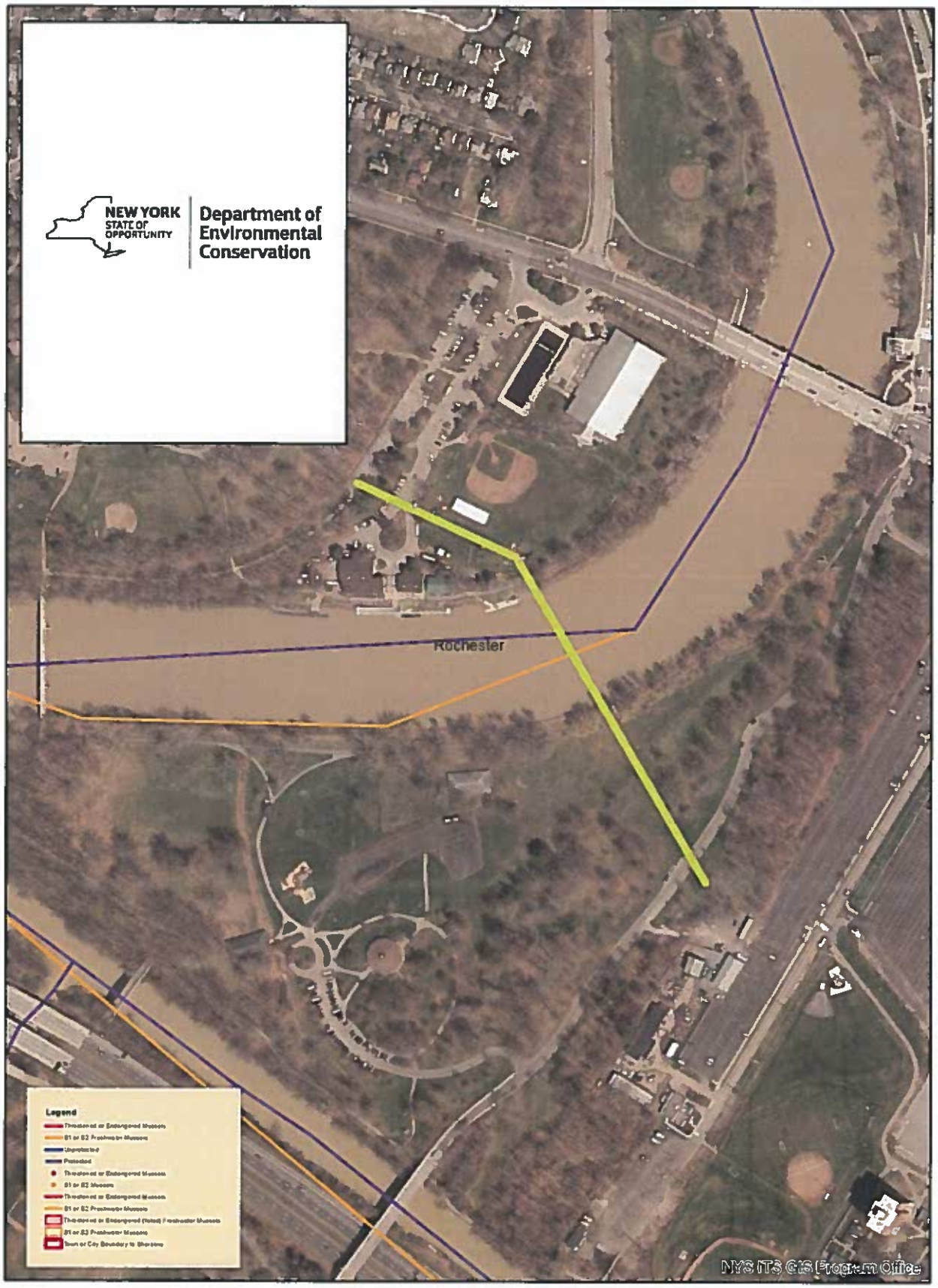


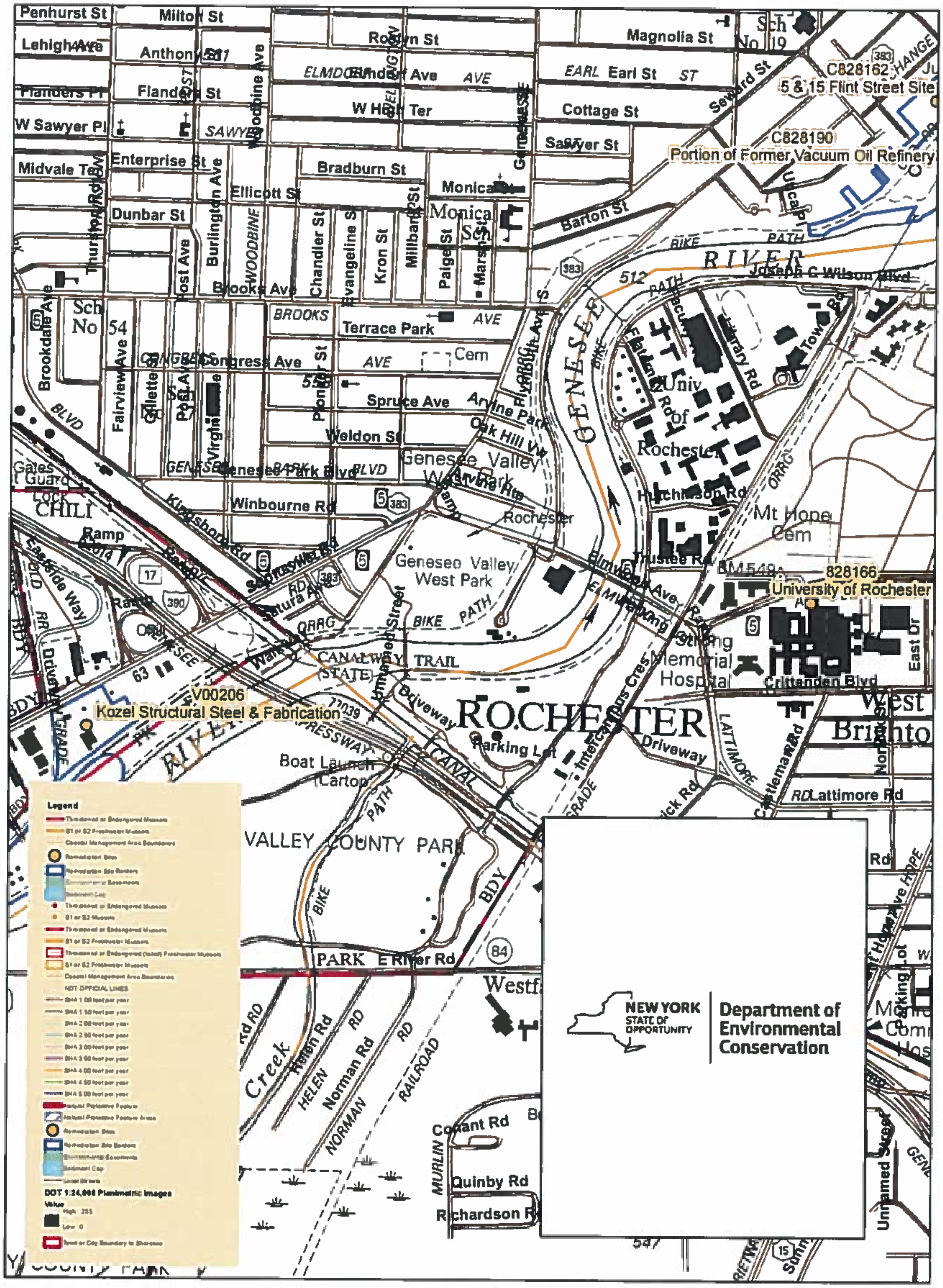
June 18, 2021

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.


NEW YORK
STATE OF
OPPORTUNITY
Department of
Environmental
Conservation
Rochester
Legend
NYS ITS GIS Program Office


C828162
5 & 15 Flint Street Site
C828190
Portion of Former Vacuum Oil Refinery
828166
University of Rochester
V00206
Kozel Structural Steel & Fabrication
ROCHESTER
GENESEE RIVER
Genesee Valley West Park
Mt Hope Cem
Strong Memorial Hospital
Univ of Rochester
Legend
DOT 1:24,000 Planimetric Images
NEW YORK STATE OF OPPORTUNITY
Department of Environmental Conservation

Environmental Resource Mapper

The coordinates of the point you clicked on are:

UTM 18	**Easting:**	285653.5227085228	**Northing:**	4777768.715553621
Longitude/Latitude	**Longitude:**	-77.63492208800072	**Latitude:**	43.122329184005814

The approximate address of the point you clicked on is:
Genesee Valley Park

County: Monroe
City: Rochester
USGS Quad: WEST HENRIETTA

Waterbody Classifications for Rivers/Streams

Regulation: 820-2
Standard: B
Classification: B

Rare Plants and Rare Animals

This location is in the vicinity of Rare Freshwater Mussels – Not Listed by NYS

National Wetands Inventory

Attribute: R2UBH
Type: Riverine
Acres: 1672.468639649

For more information about the National Wetands Inventory wetlands visit http://www.fws.gov/wetlands/

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

If your project or action is within or near an area with rare plants and/or significant natural communities, the environmental impacts may need to be addressed.

The presence of a unique geological feature or landform near a project, unto itself, does not trigger a requirement for a NYS DEC permit. Readers are advised, however, that there is the chance that a unique feature may also show in another data layer (ie. a wetland) and thus be subject to permit jurisdiction.

Please refer to the "Need a Permit?" tab for permit information or other authorizations regarding these natural resources.

Disclaimer: If you are considering a project or action in, or near, a wetland or a stream, a NYS DEC permit may be required. The Environmental Resources Mapper does not show all natural resources which are regulated by NYS DEC, and for which permits from NYS DEC are required. For example, Regulated Tidal Wetlands, and Wild, Scenic, and Recreational Rivers, are currently not included on the maps.

Environmental Resource Mapper

The coordinates of the point you clicked on are:

UTM 18	**Easting:**	285467.10668503377	**Northing:**	4777869.472104219
Longitude/Latitude	**Longitude:**	-77.63725024542545	**Latitude:**	43.12318274984106

The approximate address of the point you clicked on is:
140 Elmwood Ave, Rochester, New York, 14611

County: Monroe
City: Rochester
USGS Quad: WEST HENRIETTA

Rare Plants and Rare Animals

This location is in the vicinity of Rare Freshwater Mussels – Not Listed by NYS

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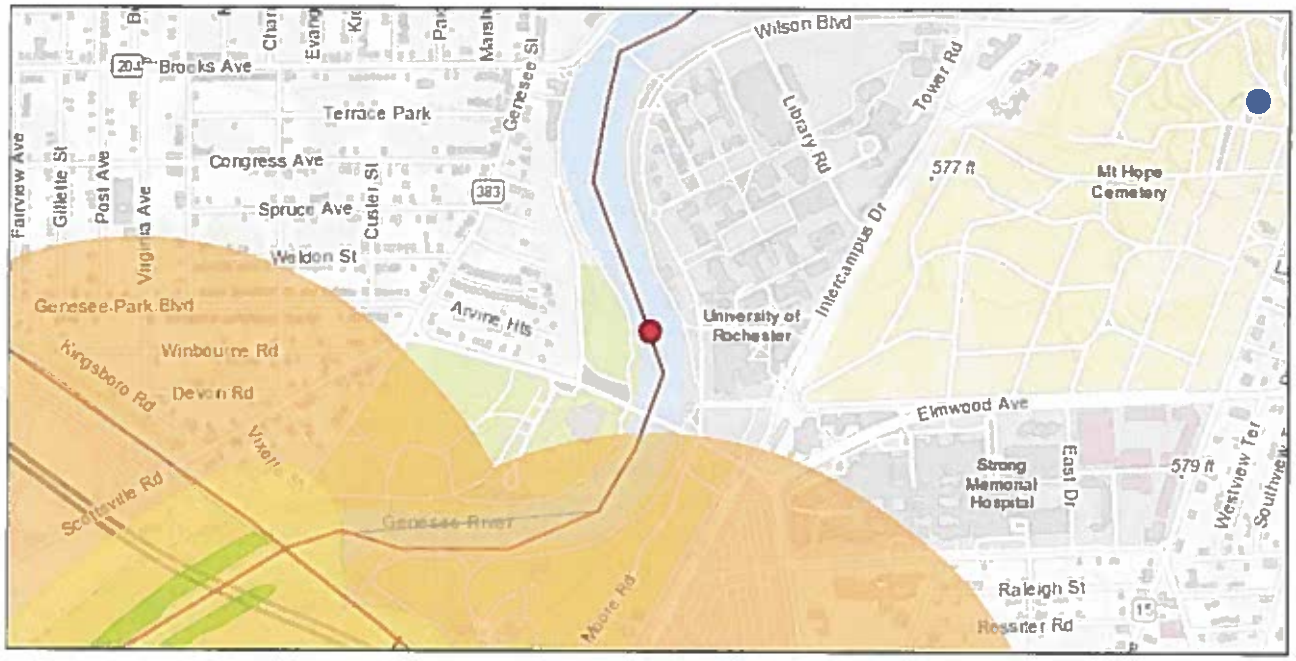
Environmental Resource Mapper



The coordinates of the point you clicked on are:

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Longitude/Latitude	**Longitude:**	-77.63278232611368	**Latitude:**	43.125896233332405

The approximate address of the point you clicked on is:
Highland, Rochester, New York

County: Monroe
City: Rochester
USGS Quad: ROCHESTER WEST

Waterbody Classifications for Rivers/Streams

Regulation: 820-2
Standard: B
Classification: B

Mussel Screening Streams

Waterbody: Genesee River
Screening: S1 or S2 Freshwater Mussels
Fisheries Index Number: ONT-117

Please contact NYSDEC Regional Office if you plan to disturb the bed or banks of this waterbody.

National Wetands Inventory

Attribute: R2UBH
Type: Riverine
Acres: 1672.468639649

For more information about the National Wetands Inventory wetlands visit **http://www.fws.gov/wetlands/**

If your project or action is within or near an area with a rare animal, a permit may be required if the species is listed as endangered or threatened and the department determines the action may be harmful to the species or its habitat.

If your project or action is within or near an area with rare plants and/or significant natural communities, the environmental impacts may need to be addressed.

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NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9209279

Spill Date/Time

Spill Date: 10/29/1992 **Spill Time:** 12:30:00 PM
Call Received Date: 10/29/1992 **Call Received Time:** 12:45:00 PM

Location

Spill Name: GENESEE VALLEY PARK GRNDS
Address: 1 MOORE ROAD
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
#2 fuel oil	UNKNOWN	Soil

Cause: Other
Source: Institutional, Educational, Gov., Other
Waterbody:

Record Close

Date Spill Closed: 03/09/1995

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 1404845

Spill Date/Time

Spill Date: 08/04/2014 **Spill Time:** 06:36:00 PM
Call Received Date: 08/04/2014 **Call Received Time:** 06:36:00 PM

Location

Spill Name: GENESEE RIVER
Address: ROUTE 390 & MOORE ROAD
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Surface Water

Cause: Unknown
Source: Unknown
Waterbody:

Record Close

Date Spill Closed: 08/05/2014

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 8401695

Spill Date/Time

Spill Date: 09/26/1984 **Spill Time:** 08:00:00 AM
Call Received Date: 09/26/1984 **Call Received Time:** 08:57:00 AM

Location

Spill Name: GENESEE RIVER/ ELMWOOD AV
Address: GENESEE RIVER @ ELMWOOD
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Unknown
Source: Unknown
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 06/01/1986

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 8707022

Spill Date/Time

Spill Date: 11/17/1987 **Spill Time:** 12:30:00 PM
Call Received Date: 11/17/1987 **Call Received Time:** 12:50:00 PM

Location

Spill Name: GENESEE RIVER (ELMWOOD)
Address: GENESEE RIVER (ELMWOOD)
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Surface Water
unknown hazardous material	UNKNOWN	Surface Water

Cause: Unknown
Source: Unknown
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 11/19/1987

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9104503

Spill Date/Time

Spill Date: 07/25/1991 **Spill Time:** 10:00:00 AM
Call Received Date: 07/25/1991 **Call Received Time:** 11:05:00 AM

Location

Spill Name: ELMWOOD FOOT BRIDGE
Address: ELMWOOD AVENUE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Housekeeping
Source: Commercial/Industrial
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 07/25/1991

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9107382

Spill Date/Time

Spill Date: 10/08/1991 **Spill Time:** 06:30:00 PM
Call Received Date: 10/08/1991 **Call Received Time:** 07:00:00 PM

Location

Spill Name: GENESEE VALLEY PARK
Address: ELMWOOD
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Deliberate
Source: Commercial/Industrial
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 10/30/1991

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9205413

Spill Date/Time

Spill Date: 08/07/1992 **Spill Time:** 08:29:00 PM
Call Received Date: 08/07/1992 **Call Received Time:** 09:30:00 PM

Location

Spill Name: GENESEE RIVER
Address: ELMWOOD AVENUE BRIDGE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Surface Water

Cause: Unknown
Source: Unknown
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 08/10/1992

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 9608968

Spill Date/Time

Spill Date: 10/18/1996 **Spill Time:** 12:50:00 PM
Call Received Date: 10/18/1996 **Call Received Time:** 01:06:00 PM

Location

Spill Name: GENESEE VALLEY PARK
Address: 100 ELMWOOD AVENUE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Soil

Cause: Unknown
Source: Institutional, Educational, Gov., Other
Waterbody:

Record Close

Date Spill Closed: 10/15/1999

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 0070164

Spill Date/Time

Spill Date: 06/09/2000 **Spill Time:** 11:05:00 AM
Call Received Date: 06/09/2000 **Call Received Time:** 11:05:00 AM

Location

Spill Name: GENESEE VALLEY PARK BOAT
Address: 131 ELMWOOD AVENUE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
unknown petroleum	UNKNOWN	Soil

Cause: Unknown
Source: Unknown
Waterbody:

Record Close

Date Spill Closed: 02/26/2003

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 0904948

Spill Date/Time

Spill Date: 07/29/2009 **Spill Time:** 11:36:00 AM
Call Received Date: 07/29/2009 **Call Received Time:** 11:36:00 AM

Location

Spill Name: GENESEE RIVER AT ELMWOOD AVE BRIDGE
Address: ELMWOOD AVENUE
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Material not identified	N/A	

Cause: Unknown
Source: Unknown
Waterbody: GENESEE RIVER

Record Close

Date Spill Closed: 07/31/2009

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

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Return To Results

Refine This Search

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 8
Spill Number: 1806378

Spill Date/Time

Spill Date: 09/13/2018 **Spill Time:** 10:00:00 AM
Call Received Date: 09/13/2018 **Call Received Time:** 11:56:00 AM

Location

Spill Name: ON GRASS & GRAVEL
Address: EAST SIDE ELMWOOD AVE & 390 EXPRESSWAY
City: ROCHESTER **County:** Monroe

Spill Description

Material Spilled	Amount Spilled	Resource Affected
hydraulic oil	10 Gal.	Soil , Impervious Surface

Cause: Equipment Failure
Source: Institutional, Educational, Gov., Other
Waterbody:

Record Close

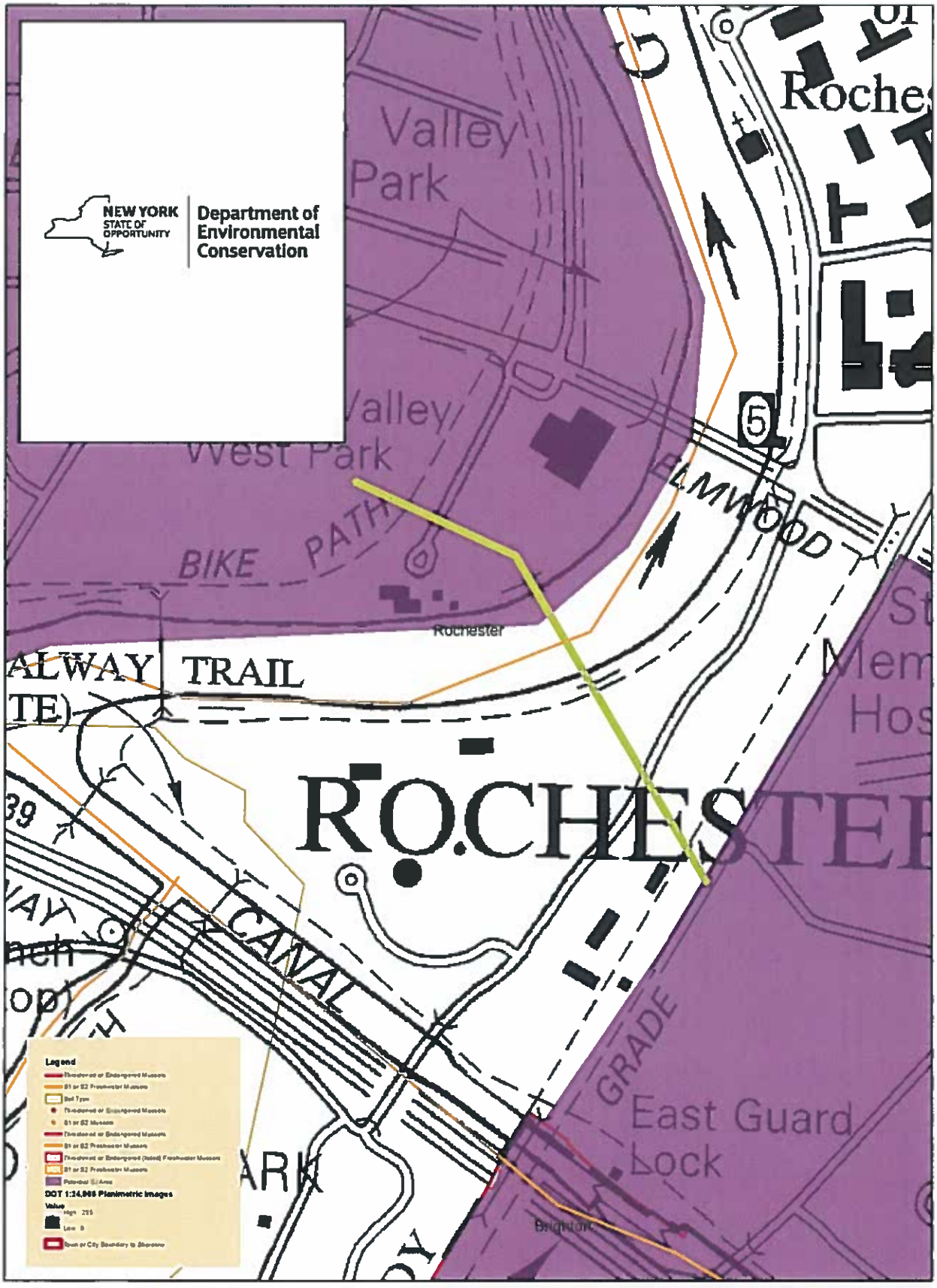
Date Spill Closed: 09/28/2018

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

If you have questions about this reported incident, please contact the Regional Office where the incident occurred.

Return To Results

Refine This Search


NEW YORK
STATE OF OPPORTUNITY
Department of Environmental Conservation
Valley Park
Valley West Park
BIKE PATH
Rochester
TRAIL
ROCHESTER
CANAL
GRADE
East Guard Lock
Brighton
Legend

United States Department of Agriculture

NRCS

Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Monroe County, New York

Genesee Valley PS and FM

June 18, 2021

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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Contents

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

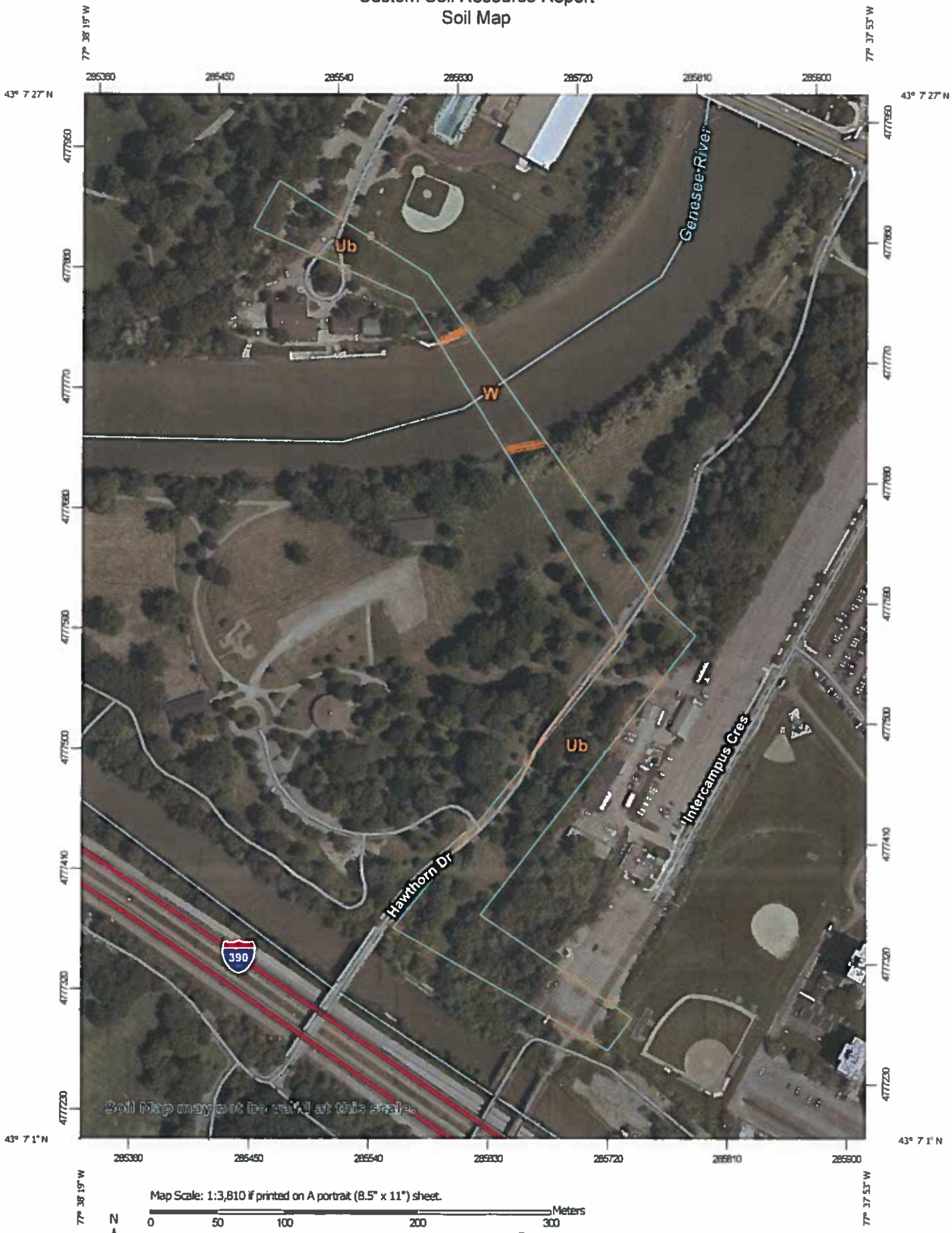
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Monroe County, New York
Survey Area Data: Version 19, Jun 11, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 27, 2020—Jun 15, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ub	Urban land	7.1	91.7%
W	Water	0.6	8.3%
Totals for Area of Interest		**7.7**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Monroe County, New York

Ub—Urban land

Map Unit Setting
National map unit symbol: 9tn8
Mean annual precipitation: 30 to 35 inches
Mean annual air temperature: 46 to 50 degrees F
Frost-free period: 145 to 190 days
Farmland classification: Not prime farmland

Map Unit Composition
Urban land: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Minor Components

Brockport
Percent of map unit: 5 percent
Hydric soil rating: No

Alton
Percent of map unit: 5 percent
Hydric soil rating: No

Madrid
Percent of map unit: 5 percent
Hydric soil rating: No

Sun
Percent of map unit: 5 percent
Landform: Depressions
Hydric soil rating: Yes

W—Water

Map Unit Setting
National map unit symbol: bpm8
Mean annual precipitation: 30 to 35 inches
Mean annual air temperature: 46 to 50 degrees F
Frost-free period: 145 to 190 days
Farmland classification: Not prime farmland

Map Unit Composition
Water: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

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